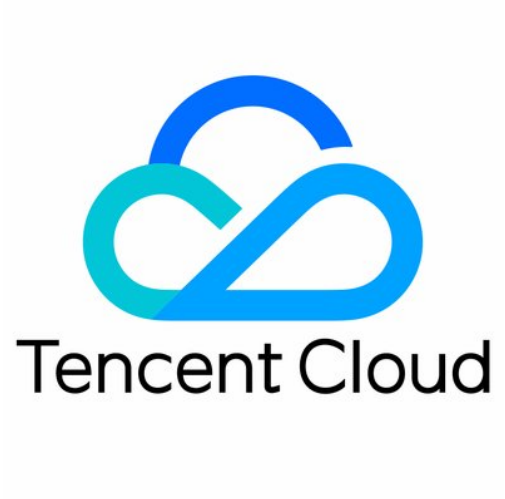
Tencent Cloud EdgeOne

API Documentation

Product Documentation



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API Documentation History

Last updated：2025-07-03 20:23:30

Release 37

Release time: 2025-07-03 20:22:37

Release updates:

Improvement to existing documentation.

New APIs:

- ConfirmOriginACLUpdate
- DescribeOriginACL
- DisableOriginACL
- EnableOriginACL
- ModifyOriginACL

New data structures:

- Addresses
- CurrentOriginACL
- NextOriginACL
- OriginACLEntity
- OriginACLInfo

Release 36

Release time: 2025-06-20 10:58:23

Release updates:

Improvement to existing documentation.

Modified data structures:

- OriginDetail
  - New members:HostHeader, VodOriginScope, VodBucketId

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- OriginInfo
  - New members:HostHeader, VodOriginScope, VodBucketId

Release 35

Release time: 2025-03-24 11:02:33

Release updates:

Improvement to existing documentation.

New APIs:

- ModifyL7AccRulePriority

Release 34

Release time: 2025-03-21 14:27:13

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeSecurityPolicy

Modified APIs:

- ModifySecurityPolicy
  - New input parameters:SecurityPolicy, Host

New data structures:

- BlockIPActionParameters
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Modified data structures:

- SecurityConfig
  - New members:DetectLengthLimitConfig

Release 33

Release time: 2025-02-19 19:32:06

Release updates:

Improvement to existing documentation.

New APIs:

- CreateContentIdentifier
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- UpstreamRequestQueryString
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Release 32

Release time: 2024-12-30 11:47:52

Release updates:

Improvement to existing documentation.

New APIs:

- CreateDnsRecord
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- DescribeDnsRecords
- ModifyDnsRecords
- ModifyDnsRecordsStatus

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New data structures:

- DnsRecord

Release 31

Release time: 2024-12-16 16:38:59

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeZoneConfigImportResult
- ExportZoneConfig
- ImportZoneConfig

Release 30

Release time: 2024-11-28 10:20:20

Release updates:

Improvement to existing documentation.

New data structures:

- UpstreamCertInfo

Modified data structures:

- AccelerationDomainCertificate
  - New members:ClientCertInfo, UpstreamCertInfo

Release 29

Release time: 2024-11-14 16:57:30

Release updates:

Improvement to existing documentation.

New APIs:

- CreateLoadBalancer
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- DescribeOriginGroupHealthStatus
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Modified APIs:

- ModifyHostsCertificate
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New data structures:

- CheckRegionHealthStatus
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- JITVideoProcess
- LoadBalancer
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- OriginGroupHealthStatusDetail
- OriginGroupInLoadBalancer
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Modified data structures:

- ZoneSetting
  - New members:JITVideoProcess

Release 28

Release time: 2024-10-11 15:51:46

Release updates:

Improvement to existing documentation.

New APIs:

- CreateFunction
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- DescribeFunctionRules
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- DescribeFunctions
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- ModifyFunctionRulePriority

New data structures:

- Function
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- FunctionRule
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- L4ProxyRemoteAuth

Modified data structures:

- CertificateInfo
  - **Modified members:** Alias, Type, ExpireTime, DeployTime, SignAlgo, Status
- Identification
  - **Modified members:** Domain
- L4ProxyRule
  - New members:RemoteAuth
- OriginDetail
  - **Deprecate members:** VodeoSubAppId, VodeoDistributionRange, VodeoBucketId
- OriginInfo
  - **Deprecate members:** VodeoSubAppId, VodeoDistributionRange, VodeoBucketId

Release 27

Release time: 2024-06-13 17:03:02

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Release updates:

Improvement to existing documentation.

New APIs:

- CreateCustomizeErrorPage
- DeleteCustomErrorPage
- DescribeCustomErrorPages
- ModifyCustomErrorPage

New data structures:

- CustomErrorPage
- ErrorPageReference

Release 26

Release time: 2024-06-06 11:04:53

Release updates:

Improvement to existing documentation.

Modified data structures:

- RateLimitTemplateDetail
  - **Modified members:** ID, Action, PunishTime, Threshold, Period

Release 25

Release time: 2024-06-05 17:20:11

Release updates:

Improvement to existing documentation.

Modified data structures:

- Rule
  - **Modified members:** Actions

Release 24

Release time: 2024-06-05 14:40:47

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeSecurityIPGroup

Modified APIs:

- CreatePurgeTask
  - New input parameters:CacheTag

New data structures:

- CacheTag

Release 23

Release time: 2024-05-29 14:55:16

Release updates:

Improvement to existing documentation.

New APIs:

- CreatePlan
- DestroyPlan
- IncreasePlanQuota
- ModifyPlan
- RenewPlan
- UpgradePlan

Modified APIs:

- CreateRealtimeLogDeliveryTask
  - New input parameters:LogFormat
- ModifyRealtimeLogDeliveryTask
  - New input parameters:LogFormat

New data structures:

- LogFormat
- PrepaidPlanParam
- RenewFlag

Modified data structures:

- RealtimeLogDeliveryTask
  - New members:LogFormat
- Task
  - New members:Method

Release 22

Release time: 2024-04-09 10:24:26

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeSecurityIPGroupInfo

Release 21

Release time: 2024-03-21 16:42:49

Release updates:

Improvement to existing documentation.

New APIs:

- CreateCLSIndex
- CreateRealtimeLogDeliveryTask
- DeleteRealtimeLogDeliveryTask
- DescribeRealtimeLogDeliveryTasks
- ModifyRealtimeLogDeliveryTask

New data structures:

- CLSTopic

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- CustomEndpoint
- CustomField
- DeliveryCondition
- RealtimeLogDeliveryTask
- S3

Modified data structures:

- L4ProxyRule
  - New members:BuId

Release 20

Release time: 2024-02-20 16:06:00

Release updates:

Improvement to existing documentation.

New APIs:

- CreateL4Proxy
- CreateL4ProxyRules
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- DeleteL4ProxyRules
- DescribeBillingData
- DescribeIPRegion
- DescribeL4Proxy
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- ModifyL4ProxyStatus

Modified APIs:

- DescribeApplicationProxies
  - New input parameters:ZoneId
- DescribeDefaultCertificates
  - New input parameters:ZoneId
  - **Modified input parameters:** Filters

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New data structures:

- BillingData
- BillingDataFilter
- DDosProtectionConfig
- IPRegionInfo
- L4Proxy
- L4ProxyRule

Modified data structures:

- OriginDetail
  - New members:VodeoSubAppId, VodeoDistributionRange, VodeoBucketId
  - **Modified members:** OriginType, Origin, BackupOrigin, OriginGroupName, BackOriginGroupName, PrivateAccess, PrivateParameters
- OriginInfo
  - New members:VodeoSubAppId, VodeoDistributionRange, VodeoBucketId
- Resource
  - New members:Type

Release 19

Release time: 2023-12-01 16:40:01

Release updates:

Improvement to existing documentation.

Modified data structures:

- Resource
  - **Modified members:** Group, ZoneNumber

Release 18

Release time: 2023-12-01 15:15:45

Release updates:

Improvement to existing documentation.

New APIs:

- CreateConfigGroupVersion
- DeployConfigGroupVersion
- DescribeConfigGroupVersionDetail
- DescribeConfigGroupVersions
- DescribeDeployHistory
- DescribeEnvironments

New data structures:

- ConfigGroupVersionInfo
- DeployRecord
- EnvInfo

Release 17

Release time: 2023-11-24 11:38:10

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribePrefetchTasks
  - New input parameters:ZoneId

Release 16

Release time: 2023-11-17 16:59:52

Release updates:

Improvement to existing documentation.

New APIs:

- BindSecurityTemplateToEntity
- DescribeSecurityTemplateBindings

Modified APIs:

- CreateOriginGroup

  - New input parameters:Name, Type, Records
  - **Deleted input parameters:** OriginType, OriginGroupName, ConfigurationType, OriginRecords
- DeleteOriginGroup
  - New input parameters:GroupId
  - **Deleted input parameters:** OriginGroupId
- DescribeOriginGroup
  - New input parameters:ZoneId
  - **Modified input parameters:** Offset, Limit
- ModifyAccelerationDomain
  - New input parameters:OriginProtocol, HttpOriginPort, HttpsOriginPort, IPv6Status
  - **Modified input parameters:** OriginInfo
- ModifyOriginGroup
  - New input parameters:GroupId, Name, Type, Records
  - **Deleted input parameters:** OriginGroupId, OriginType, OriginGroupName, ConfigurationType, OriginRecords

New data structures:

- EntityStatus
- SecurityTemplateBinding
- TemplateScope

Modified data structures:

- AclUserRule
  - New members:CustomResponseId
- BotUserRule
  - New members:Name, CustomResponseId, ResponseCode, RedirectUrl
- DropPageDetail
  - New members:CustomResponseId
- OriginRecord
  - New members:Type
  - **Deleted members:** Port, Proto, Area
- RateLimitUserRule
  - New members:Name, CustomResponseId, ResponseCode, RedirectUrl

Release 15

Release time: 2023-11-08 16:08:57

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Release updates:

Improvement to existing documentation.

New APIs:

- BindSharedCNAME
- DeleteSharedCNAME

New data structures:

- BindSharedCNAMEMap
- OriginGroupReference

Modified data structures:

- OriginGroup
  - New members:GroupId, Name, Type, Records, References, CreateTime
  - **Deleted members:** ZoneId, ZoneName, OriginGroupId, OriginType, OriginGroupName, ConfigurationType, OriginRecords

Release 14

Release time: 2023-10-31 13:05:24

Release updates:

Improvement to existing documentation.

New APIs:

- VerifyOwnership

Modified APIs:

- CreateAccelerationDomain
  - New input parameters:OriginProtocol, HttpOriginPort, HttpsOriginPort, IPv6Status
- CreateZone
  - New input parameters:Area, PlanId
  - **Deprecate input parameters:** AllowDuplicates, JumpStart
  - New output parameters:OwnershipVerification
- ModifyHostsCertificate
  - New input parameters:Mode

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- **Deprecate input parameters:** ApplyType

New data structures:

- AccelerationDomainCertificate
- CertificateInfo

Modified data structures:

- AccelerationDomain
  - New members:OriginProtocol, HttpOriginPort, HttpsOriginPort, IPv6Status, OwnershipVerification, Certificate
  - **Modified members:** ZoneId, DomainName, DomainStatus, OriginDetail, Cname, IdentificationStatus, CreatedOn, ModifiedOn
- RuleCondition
  - **Deprecate members:** IgnoreNameCase
- Zone
  - New members:OwnershipVerification
  - **Modified members:** LockStatus

Release 13

Release time: 2023-10-30 16:45:20

Release updates:

Improvement to existing documentation.

New APIs:

- CreateSharedCNAME

Modified APIs:

- CreateAccelerationDomain
  - New output parameters:OwnershipVerification

New data structures:

- DnsVerification
- FileVerification
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Release 12

Release time: 2023-09-18 18:09:23

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateApplicationProxyRule
  - New input parameters:RuleTag
- ModifyApplicationProxyRule
  - New input parameters:RuleTag

Modified data structures:

- ApplicationProxyRule
  - New members:RuleTag
- L4OfflineLog
  - New members:LogStartTime, LogEndTime
- L7OfflineLog
  - New members:LogStartTime, LogEndTime

Release 11

Release time: 2023-08-03 14:49:53

Release updates:

Improvement to existing documentation.

New APIs:

- CheckCnameStatus

Modified APIs:

- CreateApplicationProxyRule
  - New input parameters:SessionPersistTime
- CreateZone
  - **Modified input parameters:** ZoneName
- ModifyApplicationProxyRule

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  - New input parameters:SessionPersistTime
- ModifyZone
  - New input parameters:Area, ZoneName

New data structures:

- CnameStatus

Modified data structures:

- ApplicationProxyRule
  - New members:SessionPersistTime
- Cache
  - **Deprecate members:** IgnoreCacheControl
- Resource
  - New members:Group, ZoneNumber
- Sv
  - New members:Pack, InstanceId, ProtectionSpecs

Release 10

Release time: 2023-08-02 09:38:38

Release updates:

Improvement to existing documentation.

New APIs:

- CreateSecurityIPGroup
- DeleteSecurityIPGroup
- ModifySecurityIPGroup

Deleted APIs:

- CheckCertificate
- CreateCredential
- CreateReplayTask
- CreateSpeedTesting
- DescribeAddableEntityList
- DescribeClientRuleList

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- DescribeDnsData
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- DescribeSpeedTestingDetails
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Modified APIs:

- CreateApplicationProxy
  - New input parameters:AccelerateMainland
- CreatePurgeTask
  - New input parameters:Method
  - **Deprecate input parameters:** EncodeUrl
- ModifyApplicationProxy
  - New input parameters:AccelerateMainland
- ModifyZoneSetting
  - New input parameters:ImageOptimize, StandardDebug

New data structures:

- IPGroup
- StandardDebug

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Deleted data structures:

- ClientRule
- ClsLogTopicInfo
- DistrictStatistics
- DnsData
- LogSetInfo
- OptimizeAction
- SecClientIp
- SecHitRuleInfo
- SecRuleRelatedInfo
- SingleDataRecord
- SingleTypeValue
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- SpeedTestingInfo
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- SpeedTestingStatus
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Modified data structures:

- ApplicationProxy
  - New members:AccelerateMainland
  - **Modified members:** ProxyId
- Zone
  - New members:LockStatus
- ZoneSetting
  - New members:StandardDebug
  - **Modified members:** AccelerateMainland

Release 9

Release time: 2023-05-25 17:11:57

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDDoSAttackEvent

Modified APIs:

- IdentifyZone
  - New input parameters:Domain

New data structures:

- AccelerateMainland
- AlgDetectJS
- AlgDetectResult
- AlgDetectRule
- AlgDetectSession
- BotExtendAction
- BotUserRule
- DDoSAttackEvent
- DDoSBlockData
- ImageOptimize

Modified data structures:

- BotConfig
  - New members:BotUserRules, AlgDetectRule, Customizes
- Https
  - New members:CipherSuite
- Identification
  - New members:Domain
- ZoneSetting
  - New members:ImageOptimize, AccelerateMainland

Release 8

Release time: 2023-03-17 10:39:51

Release updates:

Improvement to existing documentation.

New APIs:

- CreateAccelerationDomain
- DeleteAccelerationDomains
- DescribeAccelerationDomains
- DescribeTimingL7SourceData
- ModifyAccelerationDomain
- ModifyAccelerationDomainStatuses

Modified APIs:

- DescribeAddableEntityList
  - New input parameters:Area

New data structures:

- AccelerationDomain
- FirstPartConfig
- OriginDetail
- OriginInfo
- SlowPostConfig
- SlowRateConfig

Modified data structures:

- AclConfig
  - New members:Customizes
- RateLimitConfig
  - New members:RateLimitCustomizes
- SecurityConfig
  - New members:SlowPostConfig
- Zone
  - New members:IsFake

Release 7

Release time: 2023-03-09 15:06:19

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDDoSAttackData
- DescribeOriginProtection
- UpdateOriginProtectionIPWhitelist

New data structures:

- DiffIPWhitelist
- IPWhitelist
- OriginProtectionInfo

Modified data structures:

- IpTableRule
  - New members:Operator, RuleName
  - **Modified members:** MatchContent
- RateLimitIntelligence
  - New members:RuleId
- SecHitRuleInfo
  - New members:ZoneId, RuleEnabled, AlarmEnabled, RuleDeleted
- SecRuleRelatedInfo
  - New members:RuleType, RuleEnabled, RuleDeleted, AlarmEnabled
- WebLogs
  - New members:RealClientIp, RealClientIpCountryCode, Area

Release 6

Release time: 2023-01-06 15:20:18

Release updates:

Improvement to existing documentation.

Deleted APIs:

- CreateCustomErrorPage
- CreateIpTableList
- CreateLogSet
- CreateLogTopicTask

- CreateSecurityDropPage
- DeleteLogTopicTask
- DescribeBotClientIpList
- DescribeBotData
- DescribeBotHitRuleDetail
- DescribeBotLog
- DescribeBotManagedRules
- DescribeBotTopData
- DescribeDDoSAttackData
- DescribeDDoSAttackEvent
- DescribeDDoSAttackEventDetail
- DescribeDDoSAttackSourceEvent
- DescribeDDoSBlockList
- DescribeDDoSMajorAttackEvent
- DescribeDDoSPolicy
- DescribeDistributionL4AccessData
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- DescribeLogTopicTaskDetail
- DescribeRateLimitIntelligenceRule
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- DescribeZoneDDoSPolicy
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- ModifyAlarmDefaultThreshold
- ModifyDDoSPolicy
- ModifyDDoSPolicyHost
- ModifyDnssec
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- ModifyZoneCnameSpeedUp
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- BotLog
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- DDoSAllowBlock
- DDoSAllowBlockRule
- DDoSAntiPly
- DDoSAttackEvent
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- PortraitManagedRuleDetail
- RateLimitIntelligenceRuleDetail
- SecurityEntity
- ShieldArea
- WafGroupDetail
- WafGroupInfo
- WafGroupRule

Release 5

Release time: 2022-12-29 17:18:30

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDistributionL4AccessData
- DescribeTimingL4AccessData

Deleted APIs:

- CreateDnsRecord
- CreateLoadBalancing
- DeleteDnsRecords
- DeleteLoadBalancing
- DescribeDnsRecords
- DescribeLoadBalancing
- ModifyDnsRecord
- ModifyLoadBalancing
- ModifyLoadBalancingStatus

Modified APIs:

- ModifyZoneSetting
  - New input parameters:Grpc

New data structures:

- Grpc

Deleted data structures:

- AdvancedOriginGroup
- DnsRecord
- LoadBalancing
- OriginGroupCondition

Modified data structures:

- FollowOrigin
  - New members:DefaultCacheStrategy
- ZoneSetting
  - New members:Grpc

Release 4

Release time: 2022-12-09 15:47:09

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateSecurityDropPage
  - New input parameters:TemplateId

Release 3

Release time: 2022-11-28 16:46:20

Release updates:

Improvement to existing documentation.

New APIs:

- BindZoneToPlan
- CreateAliasDomain
- DeleteAliasDomain
- DescribeAliasDomains
- ModifyAliasDomain
- ModifyAliasDomainStatus
- ReclaimAliasDomain

Deleted APIs:

- DescribeBillingData

Modified APIs:

- CreateApplicationProxyRule
  - New input parameters:OriginPort
- CreateRule
  - New input parameters:Tags
- CreateZone
  - New input parameters:AllowDuplicates, AliasZoneName
- DescribeBotManagedRules
  - New input parameters:TemplateId

  - **Modified input parameters:** ZoneId, Entity
- DescribeSecurityGroupManagedRules
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeSecurityPolicy
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeSecurityPortraitRules
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeZones
  - New input parameters:Order, Direction
- ModifyApplicationProxyRule
  - New input parameters:OriginPort
- ModifyHostsCertificate
  - New input parameters:ApplyType
- ModifyRule
  - New input parameters:Tags
- ModifySecurityPolicy
  - New input parameters:TemplateId
  - **Modified input parameters:** Entity
- ModifySecurityWafGroupPolicy
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- ModifyZone
  - New input parameters:AliasZoneName

New data structures:

- AliasDomain
- SubRule
- SubRuleItem
- TemplateConfig

Deleted data structures:

- BillingDataFilter

Modified data structures:

- ApplicationProxyRule
  - New members:OriginPort
- FollowOrigin
  - New members:DefaultCacheTime, DefaultCache
- Https
  - New members:ApplyType
- IpTableRule
  - New members:Status
- RateLimitUserRule
  - New members:FreqScope
- Rule
  - New members:SubRules
- RuleCondition
  - New members:IgnoreCase, Name, IgnoreNameCase
  - **Modified members:** Values
- RuleItem
  - New members:Tags
- SecHitRuleInfo
  - New members:BotLabel
- SecRuleRelatedInfo
  - New members:AttackContent
- SecurityConfig
  - New members:TemplateConfig
- ServerCertInfo
  - New members:CommonName
- Zone
  - New members:ActiveStatus, AliasZoneName

Release 2

Release time: 2022-10-19 17:46:28

Release updates:

Improvement to existing documentation.

New APIs:

- CreateApplicationProxy

- CreateApplicationProxyRule
- CreateCustomErrorPage
- CreateIpTableList
- CreateLoadBalancing
- CreateOriginGroup
- CreateSecurityDropPage
- CreateSpeedTesting
- DeleteApplicationProxy
- DeleteApplicationProxyRule
- DeleteLoadBalancing
- DeleteOriginGroup
- DescribeApplicationProxies
- DescribeBotManagedRules
- DescribeDDoSPolicy
- DescribeLoadBalancing
- DescribeOriginGroup
- DescribeRateLimitIntelligenceRule
- DescribeSecurityGroupManagedRules
- DescribeSecurityPolicy
- DescribeSecurityPolicyList
- DescribeSecurityPolicyRegions
- DescribeSecurityPortraitRules
- DescribeSecurityRuleId
- DescribeSpeedTestingDetails
- DescribeSpeedTestingMetricData
- DescribeSpeedTestingQuota
- DescribeZoneDDoSPolicy
- ModifyAlarmConfig
- ModifyAlarmDefaultThreshold
- ModifyApplicationProxy
- ModifyApplicationProxyRule
- ModifyApplicationProxyRuleStatus
- ModifyApplicationProxyStatus
- ModifyDDoSPolicy
- ModifyDDoSPolicyHost
- ModifyLoadBalancing
- ModifyLoadBalancingStatus
- ModifyOriginGroup

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- ModifySecurityPolicy
- ModifySecurityWafGroupPolicy

New data structures:

- AclCondition
- AclConfig
- AclUserRule
- AdvancedOriginGroup
- AiRule
- ApplicationProxy
- ApplicationProxyRule
- BotConfig
- BotManagedRule
- BotManagedRuleDetail
- BotPortraitRule
- DDoSAcl
- DDoSAclRule
- DDoSAllowBlock
- DDoSAllowBlockRule
- DDoSAntiPly
- DDoSFeaturesFilter
- DDoSGeoIp
- DDoSHost
- DDoSPacketFilter
- DDoSRule
- DDoSSpeedLimit
- DDoSStatusInfo
- DistrictStatistics
- DropPageConfig
- DropPageDetail
- ExceptConfig
- ExceptUserRule
- ExceptUserRuleCondition
- ExceptUserRuleScope
- GeoIp
- IntelligenceRule
- IntelligenceRuleItem

- IpTableConfig
- IpTableRule
- LoadBalancing
- OptimizeAction
- OriginGroup
- OriginGroupCondition
- OriginRecord
- PartialModule
- PortraitManagedRuleDetail
- PrivateParameter
- RateLimitConfig
- RateLimitIntelligence
- RateLimitIntelligenceRuleDetail
- RateLimitTemplate
- RateLimitTemplateDetail
- RateLimitUserRule
- SecurityConfig
- SecurityEntity
- ShieldArea
- SkipCondition
- SpeedTestingConfig
- SpeedTestingDetailData
- SpeedTestingInfo
- SpeedTestingMetricData
- SpeedTestingQuota
- SpeedTestingStatistics
- SpeedTestingStatus
- SwitchConfig
- WafConfig
- WafGroup
- WafGroupDetail
- WafGroupInfo
- WafGroupRule
- WafRule

Release 1

Release time: 2022-09-28 18:50:08

Release updates:

Improvement to existing documentation.

New APIs:

- CheckCertificate
- CreateCredential
- CreateDnsRecord
- CreateLogSet
- CreateLogTopicTask
- CreatePlanForZone
- CreatePrefetchTask
- CreatePurgeTask
- CreateReplayTask
- CreateRule
- CreateZone
- DeleteDnsRecords
- DeleteLogTopicTask
- DeleteRules
- DeleteZone
- DescribeAddableEntityList
- DescribeAvailablePlans
- DescribeBillingData
- DescribeBotClientIpList
- DescribeBotData
- DescribeBotHitRuleDetail
- DescribeBotLog
- DescribeBotTopData
- DescribeClientRuleList
- DescribeContentQuota
- DescribeDDoSAttackData
- DescribeDDoSAttackEvent
- DescribeDDoSAttackEventDetail
- DescribeDDoSAttackSourceEvent
- DescribeDDoSAttackTopData
- DescribeDDoSBlockList
- DescribeDDoSMajorAttackEvent

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- DescribeDefaultCertificates
- DescribeDnsData
- DescribeDnsRecords
- DescribeDnssec
- DescribeHostsSetting
- DescribeIdentifications
- DescribeLogSets
- DescribeLogTopicTaskDetail
- DescribeLogTopicTasks
- DescribeOverviewL7Data
- DescribePrefetchTasks
- DescribePurgeTasks
- DescribeRules
- DescribeRulesSetting
- DescribeSingleL7AnalysisData
- DescribeTimingL4Data
- DescribeTimingL7AnalysisData
- DescribeTimingL7CacheData
- DescribeTopL7AnalysisData
- DescribeTopL7CacheData
- DescribeWebManagedRulesData
- DescribeWebManagedRulesHitRuleDetail
- DescribeWebManagedRulesLog
- DescribeWebProtectionAttackEvents
- DescribeWebProtectionClientIpList
- DescribeWebProtectionData
- DescribeWebProtectionHitRuleDetail
- DescribeWebProtectionTopData
- DescribeZoneSetting
- DescribeZones
- DownloadL4Logs
- DownloadL7Logs
- IdentifyZone
- ModifyDefaultCertificate
- ModifyDnsRecord
- ModifyDnssec
- ModifyHostsCertificate
- ModifyLogTopicTask

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- ModifyRule
- ModifyRulePriority
- ModifyZone
- ModifyZoneCnameSpeedUp
- ModifyZoneSetting
- ModifyZoneStatus
- ReclaimZone
- SwitchLogTopicTask

New data structures:

- AccelerateType
- Action
- AdvancedFilter
- AscriptionInfo
- BillingDataFilter
- BotLog
- CC
- CCInterceptEvent
- Cache
- CacheConfig
- CacheKey
- CachePrefresh
- ClientIpCountry
- ClientIpHeader
- ClientRule
- ClsLogTopicInfo
- CodeAction
- Compression
- DDoS
- DDoSAttackEvent
- DDoSAttackEventDetailData
- DDoSAttackSourceEvent
- DDoSBlockData
- DDoSMajorAttackEvent
- DefaultServerCertInfo
- DetailHost
- DnsData

- DnsRecord
- DnssecInfo
- FailReason
- FileAscriptionInfo
- Filter
- FollowOrigin
- ForceRedirect
- Header
- Hsts
- Https
- Identification
- Ipv6
- L4OfflineLog
- L7OfflineLog
- LogSetInfo
- LogTopicDetailInfo
- MaxAge
- NoCache
- NormalAction
- OfflineCache
- Origin
- PlanInfo
- PostMaxSize
- QueryCondition
- QueryString
- Quic
- Quota
- Resource
- RewriteAction
- Rule
- RuleAndConditions
- RuleChoicePropertiesItem
- RuleCodeActionParams
- RuleCondition
- RuleExtraParameter
- RuleItem
- RuleNormalActionParams
- RuleRewriteActionParams

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- RulesProperties
- RulesSettingAction
- SecClientIp
- SecEntry
- SecEntryValue
- SecHitRuleInfo
- SecRuleRelatedInfo
- SecurityType
- ServerCertInfo
- SingleDataRecord
- SingleTypeValue
- SmartRouting
- Sv
- Tag
- Task
- TimingDataItem
- TimingDataRecord
- TimingTypeValue
- TopDataRecord
- TopDetailData
- TopEntry
- TopEntryValue
- UpstreamHttp2
- VanityNameServers
- VanityNameServersIps
- Waf
- WebLogs
- WebSocket
- Zone
- ZoneSetting

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Introduction

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Tencent Cloud EdgeOne provides layer-4/7 security protection and acceleration services to the global market. It safeguards diverse industries such as ecommerce, retail, finance service, content and news, and gaming.

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API Category

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Site APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateZone	Creates a site	20
DescribeIdentifications	Queries the verification information of a site.	20
ModifyZone	Modifies a site.	20
DeleteZone	Deletes a site	20
ModifyZoneStatus	Changes the site status	20
CheckCnameStatus	Queries the CNAME status of a domain name	20
IdentifyZone	Verifies site ownership	20
DescribeZones	Queries the list of sites	20
VerifyOwnership	Verifies ownership	20
ExportZoneConfig	Exports site configuration	20
ImportZoneConfig	Imports site configuration	20
DescribeZoneConfigImportResult	Queries site configuration import results	20

Acceleration Domain Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateAccelerationDomain	Connects a domain to EdgeOne	20

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DescribeAccelerationDomains	Queries accelerated domain names	20
ModifyAccelerationDomain	Modifies an accelerated domain name	20
ModifyAccelerationDomainStatuses	Batch modifies the status of accelerated domains.	20
DeleteAccelerationDomains	Batch remove accelerated domain names	20
CreateSharedCNAME	Creates a shared CNAME.	20
BindSharedCNAME	Binds with a shared CNAME	20
DeleteSharedCNAME	Deletes a shared CNAME	20

Site Acceleration Configuration APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateL7AccRules	Create layer-7 acceleration rules	20
DescribeL7AccRules	Query layer-7 acceleration rules	20
ModifyL7AccRule	Modify layer-7 acceleration rules	20
DeleteL7AccRules	Delete layer-7 acceleration rules	20
DescribeL7AccSetting	Query global configurations of layer-7 acceleration	20
ModifyL7AccSetting	Modify global configurations of layer-7 acceleration	20
ModifyL7AccRulePriority	Modify the rule priority of layer-7 acceleration	20

Edge Function APIs

API Name	Feature	Frequency Limit (maximum

		requests per second)
CreateFunction	Creates an edge function	5
DescribeFunctions	Queries the list of trigger rules	20
ModifyFunction	Modifies an edge function	20
DeleteFunction	Deletes an edge function	20
CreateFunctionRule	Creates a trigger rule for an edge function	20
DescribeFunctionRules	Queries a trigger rule for an edge function	20
ModifyFunctionRule	Modifies a trigger rule for an edge function	20
ModifyFunctionRulePriority	Modifies the priority of trigger rules for an edge function	20
DeleteFunctionRules	Deletes a trigger rule for an edge function	20
DescribeFunctionRuntimeEnvironment	Queries the runtime environment of an edge function	20
HandleFunctionRuntimeEnvironment	Operates the runtime environment of an edge function	20

Alias Domain APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateAliasDomain	Creates an alias domain name.	20
DescribeAliasDomains	Queries the information of alias domain names.	20
ModifyAliasDomain	Modifies an alias domain name.	20
ModifyAliasDomainStatus	Modifies the status of an alias domain name.	20

DeleteAliasDomain	Deletes an alias domain name.	20

Security Configuration APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateSecurityIPGroup	Creates a security IP group	20
DescribeSecurityIPGroup	Queries security IP groups	20
ModifySecurityIPGroup	Modifies a security IP group	20
DeleteSecurityIPGroup	Deletes a security IP group	20
DescribeOriginProtection	Queries the origin protection configuration	20
DescribeSecurityPolicy	Query security protection configuration details	20
DescribeSecurityTemplateBindings	Queries bindings of a policy template	20
ModifySecurityPolicy	Modifies the web and bot security configurations	20
BindSecurityTemplateToEntity	Binds/Unbinds a domain name to/from a security policy template	20
DescribeSecurityIPGroupInfo	Queries security IP groups (deprecated)	20

Layer 4 Application Proxy APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateL4Proxy	Creates Layer 4 proxy instances	20
ModifyL4Proxy	Modifies a Layer 4 proxy instance	20
ModifyL4ProxyStatus	Modifies Layer 4 proxy instance status	20

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DescribeL4Proxy	Queries a Layer 4 proxy instance list	20
DeleteL4Proxy	Deletes a Layer 4 proxy instance	20
CreateL4ProxyRules	Creates Layer 4 proxy forwarding rules	20
ModifyL4ProxyRules	Modifies Layer 4 proxy forwarding rules	20
ModifyL4ProxyRulesStatus	Modifies Layer 4 proxy forwarding rule status	20
DescribeL4ProxyRules	Queries a Layer 4 proxy forwarding rule list	20
DeleteL4ProxyRules	Deletes Layer 4 proxy forwarding rules	20

Content Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePurgeTask	This API is used to create a cache purging task.	20
DescribePurgeTasks	Querying the cache purging history	20
CreatePrefetchTask	This API is used to create a pre-warming task.	20
DescribePrefetchTasks	This API is used to query the pre-warming task status.	20
DescribeContentQuota	This API is used to query content management quotas.	20

Data Analysis APIs

API Name	Feature	Frequency Limit (maximum requests per second)

DescribeDDoSAttackData	Queries the time-series data of DDoS attacks.	100
DescribeDDoSAttackEvent	Queries DDoS attack events.	100
DescribeDDoSAttackTopData	Queries the top-ranked DDoS attack data.	100
DescribeOverviewL7Data	Query monitoring traffic time sequence data (to be discarded)	100
DescribeTimingL7CacheData	Queries the time series data of the cache analysis (to be deprecated)	100
DescribeTopL7CacheData	Queries the top N data of the cache analysis (to be deprecated)	100
DescribeTimingL4Data	Queries the L4 traffic data over time	100
DescribeTimingL7AnalysisData	Queries the traffic analysis data over time	100
DescribeTopL7AnalysisData	Queries the traffic analysis data	100

Log Service APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DownloadL7Logs	Downloads L7 logs.	100
DownloadL4Logs	Downloads L4 logs	100
CreateCLSIndex	Creates a CLS index	20
CreateRealtimeLogDeliveryTask	Creates a real-time log delivery task	20
ModifyRealtimeLogDeliveryTask	Modifies a real-time log delivery task	20
DeleteRealtimeLogDeliveryTask	Deletes a real-time log delivery task	20
DescribeRealtimeLogDeliveryTasks	Queries the list of real-time log delivery tasks	20

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Billing APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePlan	Creates plan	20
UpgradePlan	Upgrades plan	20
RenewPlan	Renews plan	20
ModifyPlan	Modifies plan setting	20
IncreasePlanQuota	Purchases additional plan quota	20
DestroyPlan	Terminates plan	20
CreatePlanForZone	Purchase a plan for a new site	20
BindZoneToPlan	Binds a site to a plan.	20
DescribeBillingData	Queries billing data	50
DescribeAvailablePlans	Queries plan options available for purchase	20

Certificate APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeDefaultCertificates	Queries the list of default certificates	20
ModifyHostsCertificate	Configures the certificate	20

Origin Protection APIs

API Name	Feature	Frequency Limit (maximum requests per second)
EnableOriginACL	Enable Origin Protection	20

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ModifyOriginACL	Modify Origin Protection Instances	20
DescribeOriginACL	Query Origin Protection Detail	20
ConfirmOriginACLUpdate	Confirm Origin ACLs Update	20
DisableOriginACL	Disable Origin Protection	20

Load Balancing APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateOriginGroup	Creates an origin group	20
ModifyOriginGroup	Modifies an origin group	20
DeleteOriginGroup	Deletes an origin group	20
DescribeOriginGroup	Obtains a list of origin groups.	20
CreateLoadBalancer	Creates a LoadBalancer	20
ModifyLoadBalancer	Modifies a LoadBalancer	20
DeleteLoadBalancer	Deletes a LoadBalancer	20
DescribeLoadBalancerList	Queries the LoadBalancer list	20
DescribeOriginGroupHealthStatus	Queries the health status of origin server groups under a LoadBalancer	20

Diagnostic Tool APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeIPRegion	Queries IP location information	20

Custom Response Page APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateCustomizeErrorPage	Creates a custom response page	20
DescribeCustomErrorPages	Queries the custom response page list	20
ModifyCustomErrorPage	Modifies a custom response page	20
DeleteCustomErrorPage	Deletes a custom response page	20

Version Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateConfigGroupVersion	Create Configuration Group Version	20
DeployConfigGroupVersion	Release Configuration Group Version	20
DescribeConfigGroupVersionDetail	Query Configuration Group Version Details	20
DescribeConfigGroupVersions	Query Configuration Group Version List	20
DescribeDeployHistory	Query Version Release History	20
DescribeEnvironments	Query Environment Information	20

DNS Record APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateDnsRecord	Creates a dns record	20
DescribeDnsRecords	Query dns record list	20

ModifyDnsRecords	Batch modify dns records	20
ModifyDnsRecordsStatus	Batch modify dns record status	20
DeleteDnsRecords	Batch deletes dns records	20

Content Identifier APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateContentIdentifier	Create content identifiers	20
DescribeContentIdentifiers	Batch query content identifiers	20
ModifyContentIdentifier	Modify content identifier	20
DeleteContentIdentifier	Delete content identifiers	20

Old Version APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateRule	Creates a rule in the rule engine (old)	20
DescribeRules	Query the rules in the rule engine (old)	20
ModifyRule	Modify a rule in the rule engine (old)	20
DeleteRules	Batch delete rules from the rule engine (old)	20
DescribeZoneSetting	Query zone configuration (old)	20
ModifyZoneSetting	Modify site configuration (old)	20
DescribeHostsSetting	Query detailed configurations of the domain name (old)	20

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DescribeRulesSetting	Query the setting parameters of the rule engine (old)	20
CreateApplicationProxy	Creates an application proxy (legacy)	20
DescribeApplicationProxies	Queries the application proxy list (legacy)	20
ModifyApplicationProxy	Modifies an application proxy (legacy)	20
ModifyApplicationProxyStatus	Modifies the application proxy status (legacy)	20
DeleteApplicationProxy	Deletes an application proxy (legacy)	20
CreateApplicationProxyRule	Creates an application proxy rule (legacy)	20
ModifyApplicationProxyRule	Modifies an application proxy rule (legacy)	20
ModifyApplicationProxyRuleStatus	Modifies the status of an application proxy rule (legacy)	20
DeleteApplicationProxyRule	Deletes an application proxy rule (legacy)	20

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Making API Requests
Request Structure

Last updated：2025-06-20 10:58:45

1. Service Address

The API supports access from either a nearby region (at teo.intl.tencentcloudapi.com) or a specified region (at teo.ap-guangzhou.tencentcloudapi.com for Guangzhou, for example).

We recommend using the domain name to access the nearest server. When you call an API, the request is automatically resolved to a server in the region **nearest** to the location where the API is initiated. For example, when you initiate an API request in Guangzhou, this domain name is automatically resolved to a Guangzhou server, the result is the same as that of specifying the region in the domain like "teo.ap-guangzhou.tencentcloudapi.com".

Note: For latency-sensitive businesses, we recommend that you specify the region in the domain name.

Tencent Cloud currently supports the following regions:

Hosted region	Domain name
Local access region (recommended, only for non-financial availability zones)	teo.intl.tencentcloudapi.com
South China (Guangzhou)	teo.ap-guangzhou.tencentcloudapi.com
East China (Shanghai)	teo.ap-shanghai.tencentcloudapi.com
East China (Nanjing)	teo.ap-nanjing.tencentcloudapi.com
North China (Beijing)	teo.ap-beijing.tencentcloudapi.com
Southwest China (Chengdu)	teo.ap-chengdu.tencentcloudapi.com
Southwest China (Chongqing)	teo.ap-chongqing.tencentcloudapi.com
Hong Kong, Macao, Taiwan (Hong Kong, China)	teo.ap-hongkong.tencentcloudapi.com
Southeast Asia (Singapore)	teo.ap-singapore.tencentcloudapi.com

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Southeast Asia (Jakarta)	teo.ap-jakarta.tencentcloudapi.com
Southeast Asia (Bangkok)	teo.ap-bangkok.tencentcloudapi.com
Northeast Asia (Seoul)	teo.ap-seoul.tencentcloudapi.com
Northeast Asia (Tokyo)	teo.ap-tokyo.tencentcloudapi.com
U.S. East Coast (Virginia)	teo.na-ashburn.tencentcloudapi.com
U.S. West Coast (Silicon Valley)	teo.na-siliconvalley.tencentcloudapi.com
South America (São Paulo)	teo.sa-saopaulo.tencentcloudapi.com
Europe (Frankfurt)	teo.eu-frankfurt.tencentcloudapi.com

2. Communications Protocol

All the Tencent Cloud APIs communicate via HTTPS, providing highly secure communication tunnels.

3. Request Methods

Supported HTTP request methods:

- POST (recommended)
- GET

The Content-Type types supported by POST requests:

- application/json (recommended). The TC3-HMAC-SHA256 signature algorithm must be used.
- application/x-www-form-urlencoded. The HmacSHA1 or HmacSHA256 signature algorithm must be used.
- multipart/form-data (only supported by certain APIs). You must use TC3-HMAC-SHA256 to calculate the signature.

The size of a GET request packet is up to 32 KB. The size of a POST request is up to 1 MB when the HmacSHA1 or HmacSHA256 signature algorithm is used, and up to 10 MB when TC3-HMAC-SHA256 is used.

4. Character Encoding

Only UTF-8 encoding is used.

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Common Params

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Common parameters are used for all APIs authenticating requestors. Common parameters must be included in all API requests, and they will not be described in individual API documents.

The exact contents of the common parameters will vary depending on the version of the signature method you use.

Common parameters for Signature Algorithm v3

When the TC3-HMAC-SHA256 algorithm is used, the common parameters should be uniformly placed in the HTTP request header, as shown below:

Parameter Name	Type	Required	Description
X-TC-Action	String	Yes	The name of the API for the desired operation. For the specific value, see description of common parameter `Action` in the input parameters in r documentation. For example, the API for querying the CVM instance list i `DescribeInstances` .
X-TC-Region	String	Yes	Region parameter, which is used to identify the region to which the data y work with belongs. For values supported for an API, see the description c parameter `Region` in the input parameters in related API documentati parameter is not required for some APIs (which will be indicated in relate documentation), and will not take effect even it is passed.
X-TC-Timestamp	Integer	Yes	The current UNIX timestamp that records the time when the API request for example, 1529223702. Note: If the difference between the UNIX times server time is greater than 5 minutes, a signature expiration error may oc
X-TC-Version	String	Yes	API version of the action. For the valid values, see the description of the c parameter `Version` in the API documentation. For example, the versi 2017-03-12.
Authorization	String	Yes	The HTTP authentication request header, for example: TC3-HMAC-SHA256 Credential=AKID*******/Date/service/tc3_request, SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKID******* is the SecretId; Date is a d time, and this value must match the value of X-TC-Timestamp (a commo

			UTC time format; service is the name of the product/service, and is gener name prefix. For example, a domain name cvm.tencentcloudapi.com refe product and the value would be cvm; - SignedHeaders: The headers that contains the authentication informatic type and host are the required headers; - Signature: Signature digest.
X-TC-Token	String	No	The token used for a temporary certificate. It must be used with a tempor can obtain the temporary key and token by calling a CAM API. No token i a long-term key.

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Limit=10&Offset=0

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-10-09/cvm/tc3_request, SignedHeaders=content-type;host, Signature=5da7a33f6993
f0614b047e5df4582db9e9bf4672ba50567dba16c6ccf174c474
Content-Type: application/x-www-form-urlencoded
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1539084154
X-TC-Region: ap-guangzhou
```

The following example shows you how to structure an HTTP POST (application/json) request:

```
https://cvm.tencentcloudapi.com/

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5
924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
Content-Type: application/json
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

{"Offset":0,"Limit":10}
```

Example of an HTTP POST (multipart/form-data) request structure (only supported by specific APIs):

```
https://cvm.tencentcloudapi.com/

Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
18-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5
924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
Content-Type: multipart/form-data; boundary=58731222010402
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

--58731222010402
Content-Disposition: form-data; name="Offset"

0
--58731222010402
Content-Disposition: form-data; name="Limit"

10
--58731222010402--
```

Common parameters for Signature Algorithm v1

To adopt the HmacSHA1 and HmacSHA256 signature methods, common parameters must be put into the request string, as shown below:

Parameter Name	Type	Required	Description
Action	String	Yes	The name of the API for the desired operation. For the specific value, see the description of common parameter `Action` in the input parameters in related API documentation. For example, the API for querying the CVM instance list is `DescribeInstances`.
Region	String	Yes	Region parameter, which is used to identify the region to which the data you want to work with belongs. For values supported for an API, see the description of common parameter `Region` in the input parameters in related API documentation. Note: This parameter is not required for some APIs (which will be indicated in related API documentation), and will not take effect even if it is passed.

Timestamp	Integer	Yes	The current UNIX timestamp that records the time when the API request was initiated, for example, 1529223702. If the difference between the value and the current system time is too large, a signature expiration error may occur.
Nonce	Integer	Yes	A random positive integer used along with `Timestamp` to prevent replay attacks.
SecretId	String	Yes	The identifying SecretId obtained on the Cloud API Key page. A SecretId corresponds to a unique SecretKey which is used to generate the request signature (Signature).
Signature	String	Yes	Request signature used to verify the validity of this request. This is calculated based on the actual input parameters. For more information about how this is calculated, see the API authentication documentation.
Version	String	Yes	API version of the action. For the valid values, see the description of the common input parameter `Version` in the API documentation. For example, the version of CVM is 2017-03-12.
SignatureMethod	String	No	Signature method. Currently, only HmacSHA256 and HmacSHA1 are supported. The HmacSHA256 algorithm is used to verify the signature only when this parameter is specified as HmacSHA256. In other cases, the signature is verified with HmacSHA1.
Token	String	No	The token used for a temporary certificate. It must be used with a temporary key. You can obtain the temporary key and token by calling a CAM API. No token is required for a long-term key.

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID********************************

Host: cvm.tencentcloudapi.com
Content-Type: application/x-www-form-urlencoded
```

Example of an HTTP POST request structure:

```
https://cvm.tencentcloudapi.com/

Host: cvm.tencentcloudapi.com
Content-Type: application/x-www-form-urlencoded

Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=
1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d18
1d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKID**************************
****
```

Region List

The supported Region field values for all APIs in this product are listed as below. For any API that does not support any of the following regions, this field will be described additionally in the relevant API document.

Region	Value
Southwest China (Chongqing)	ap-chongqing
South China (Guangzhou)	ap-guangzhou
Southeast Asia (Singapore)	ap-singapore

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Signature v3

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TencentCloud API authenticates every single request, i.e., the request must be signed using the security credentials in the designated steps. Each request has to contain the signature information (Signature) in the common request parameters and be sent in the specified way and format.

Applying for Security Credentials

The security credential used in this document is a key, which includes a SecretId and a SecretKey. Each user can have up to two pairs of keys.

- SecretId: Used to identify the API caller, which is just like a username.
- SecretKey: Used to authenticate the API caller, which is just like a password.
- **You must keep your security credentials private and avoid disclosure; otherwise, your assets may be compromised. If they are disclosed, please disable them as soon as possible.**

You can apply for the security credentials through the following steps:

1. Log in to the Tencent Cloud Console.
2. Go to the TencentCloud API Key console page.
3. On the TencentCloud API Key page, click **Create** to create a SecretId/SecretKey pair.

Using the Resources for Developers

TencentCloud API comes with SDKs for seven commonly used programming languages, including Python, Java, PHP, Go, NodeJS and .NET. In addition, it provides API Explorer which enables online call, signature verification, and SDK code generation. If you have any troubles calculating a signature, consult these resources.

TC3-HMAC-SHA256 Signature Algorithm

Compatible with the previous HmacSHA1 and HmacSHA256 signature algorithms, the TC3-HMAC-SHA256 signature algorithm is more secure and supports larger requests and JSON format with better performance. We recommend using TC3-HMAC-SHA256 to calculate the signature.

TencentCloud API supports both GET and POST requests. For the GET method, only the Content-Type: application/x-www-form-urlencoded protocol format is supported. For the POST method, two protocol formats,

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Content-Type: application/json and Content-Type: multipart/form-data, are supported. The JSON format is supported by default for all business APIs, and the multipart format is supported only for specific business APIs. In this case, the API cannot be called in JSON format. See the specific business API documentation for more information. The POST method is recommended, as there is no difference in the results of both the methods, but the GET method only supports request packets up to 32 KB.

The following uses querying the list of CVM instances in the Guangzhou region as an example to describe the steps of signature splicing. We chose this API because:

1. CVM is activated by default, and this API is often used;
2. It is read-only and does not change the status of existing resources;
3. It covers many types of parameters, which allows it to be used to demonstrate how to use arrays containing data structures.

In the example, we try to choose common parameters and API parameters that are prone to mistakes. When you actually call an API, please use parameters based on the actual conditions. The parameters vary by API. Do not copy the parameters and values in this example.

Assuming that your SecretId and SecretKey are `AKID********************************` and `********************************`, respectively, if you want to view the status of the instance in the Guangzhou region whose CVM instance name is "unnamed" and have only one data entry returned, then the request may be:

```
curl -X POST https://cvm.tencentcloudapi.com \
-H "Authorization: TC3-HMAC-SHA256 Credential=AKID********************************
*/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b85514
48762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2" \
-H "Content-Type: application/json; charset=utf-8" \
-H "Host: cvm.tencentcloudapi.com" \
-H "X-TC-Action: DescribeInstances" \
-H "X-TC-Timestamp: 1551113065" \
-H "X-TC-Version: 2017-03-12" \
-H "X-TC-Region: ap-guangzhou" \
-d '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}'
```

The signature calculation process is explained in detail below.

1. Concatenating the CanonicalRequest String

Concatenate the canonical request string (CanonicalRequest) in the following pseudocode format:

```
CanonicalRequest =
HTTPRequestMethod + '\n' +
CanonicalURI + '\n' +
```

```
CanonicalQueryString + '\n' +
CanonicalHeaders + '\n' +
SignedHeaders + '\n' +
HashedRequestPayload
```

Field Name	Explanation
HTTPRequestMethod	HTTP request method (GET or POST). This example uses `POST` .
CanonicalURI	URI parameter. Slash ("/") is used for API 3.0.
CanonicalQueryString	The query string in the URL of the originating HTTP request. This is always an empty st “” for POST requests, and is the string after the question mark (?) for GET requests. Fo example: Limit=10&Offset=0。 Note: `CanonicalQueryString` must be URL-encoded, referencing RFC3986, the UTF8 character set. We recommend using the programming language library. All speci characters must be encoded and capitalized.
CanonicalHeaders	Header information for signature calculation, including at least two headers of `host` `content-type` . Custom headers can be added to participate in the signature proce improve the uniqueness and security of the request. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase with the lead and trailing spaces removed, so they are concatenated in the format of key:value\n format; 2. If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase). The calculation result in this example is `content-type:application/json; charset=utf-8\nhost:cvm.tencentcloudapi.com\n` . Note: `content-type` must match the actually sent content. In some programming languages, a charset value would be added even if it is not specified. In this case, the request sent is different from the one signed, and the sever will return an error indicating signature verification failed.
SignedHeaders	Header information for signature calculation, indicating which headers of the request participate in the signature process (they must each individually correspond to the heac in CanonicalHeaders). `Content-type` and `host` are required headers. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase; 2. If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase) and separated by semicolons (;). The value in this example is `content-type;host`
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as `{"Limit": 1, "Filter`

	`[{"Values": ["unnamed"], "Name": "instance-name"}]` in this exampl The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(RequestPayload))) by SHA256 hashing the pay of the HTTP request, performing hexadecimal encoding, and finally converting the enco string to lowercase letters. For GET requests, `RequestPayload` is always an empt string. The calculation result in this example is `99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b49`

According to the rules above, the `CanonicalRequest` string obtained in the example is as follows:

```
POST
/

content-type:application/json; charset=utf-8
host:cvm.tencentcloudapi.com

content-type;host
99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907
```

2. Concatenating the String to Be Signed

The string to sign is concatenated as follows:

```
StringToSign =
Algorithm + \n +
RequestTimestamp + \n +
CredentialScope + \n +
HashedCanonicalRequest
```

Field Name	Explanation
Algorithm	Signature algorithm, which is currently always `TC3-HMAC-SHA256`.
RequestTimestamp	Request timestamp, i.e., the value of the common parameter `X-TC-Timestamp` in request header, which is the UNIX timestamp of the current time in seconds, such as `1551113065` in this example.
CredentialScope	Scope of the credential in the format of `Date/service/tc3_request`, including date, requested service and termination string (tc3_request). **`Date` is a date in UT time, whose value should match the UTC date converted by the common parameter `X-TC-Timestamp`**; `service` is the product name, which should m the domain name of the product called. The calculation result in this example is `2019-02-25/cvm/tc3_request`.

HashedCanonicalRequest	Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(CanonicalRequ The calculation result in this example is `2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3ad`

Note:

1. Date has to be calculated from the timestamp "X-TC-Timestamp" and the time zone is UTC+0. If you add the system's local time zone information (such as UTC+8), calls can succeed both day and night but will definitely fail at 00:00. For example, if the timestamp is 1551113065 and the time in UTC+8 is 2019-02-26 00:44:25, the UTC+0 date in the calculated Date value should be 2019-02-25 instead of 2019-02-26.
2. Timestamp must be the same as your current system time, and your system time and standard time must be synced; if the difference between Timestamp and your current system time is larger than five minutes, the request will fail. If your system time is out of sync with the standard time for a while, the request will fail and return a signature expiration error.

According to the preceding rules, the string to be signed obtained in the example is as follows:

```
TC3-HMAC-SHA256
1551113065
2019-02-25/cvm/tc3_request
2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a
```

3. Calculating the Signature

1. Calculate the derived signature key with the following pseudocode:

```
SecretKey = "**********************************"
SecretDate = HMAC_SHA256("TC3" + SecretKey, Date)
SecretService = HMAC_SHA256(SecretDate, Service)
SecretSigning = HMAC_SHA256(SecretService, "tc3_request")
```

Field Name	Explanation
SecretKey	The original SecretKey, i.e., `**********` .
Date	The Date field information in `Credential` , such as `2019-02-25` in this example.

Service	Value in the Service field in `Credential`, such as `cvm` in this example.

2. Calculate the signature with the following pseudocode:

```
Signature = HexEncode(HMAC_SHA256(SecretSigning, StringToSign))
```

4. Concatenating the Authorization

The Authorization is concatenated as follows:

```
Authorization =
Algorithm + ' ' +
'Credential=' + SecretId + '/' + CredentialScope + ', ' +
'SignedHeaders=' + SignedHeaders + ', ' +
'Signature=' + Signature
```

Field Name	Explanation
Algorithm	Signature algorithm, which is always `TC3-HMAC-SHA256`.
SecretId	The SecretId in the key pair, i.e., `AKID********************************`.
CredentialScope	Credential scope (see above). The calculation result in this example is `2019-02-25/cvm/tc3_request`.
SignedHeaders	Header information for signature calculation (see above), such as `content-type;host` in this example.
Signature	Signature value. The calculation result in this example is `a7b8551448762bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2`.

According to the rules above, the value obtained in the example is:

```
TC3-HMAC-SHA256 Credential=AKID********************************/2019-02-25/cvm/tc
3_request, SignedHeaders=content-type;host, Signature=a7b8551448762bd123d6f79e818
15e31a92013640a6cef36a08ad4b292a4d2f2
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKID********************************/20
19-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=a7b855144876
2bd123d6f79e81815e31a92013640a6cef36a08ad4b292a4d2f2
```

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```
Content-Type: application/json; charset=utf-8
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1551113065
X-TC-Region: ap-guangzhou

{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}
```

5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See SDK Center for more information. Currently, the following programming languages are supported:

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID**********&Signature=EliP9YW3pW28FpsEdkXt%2F%2BWcGeI%3D&Timestamp=1465185768&Version=2017-03-12.

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

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Java

```
import java.nio.charset.Charset;
import java.nio.charset.StandardCharsets;
import java.security.MessageDigest;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.TimeZone;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPITC3Demo {
private final static Charset UTF8 = StandardCharsets.UTF_8;
private final static String SECRET_ID = "AKID********************************";
private final static String SECRET_KEY = "********************************";
private final static String CT_JSON = "application/json; charset=utf-8";

public static byte[] hmac256(byte[] key, String msg) throws Exception {
Mac mac = Mac.getInstance("HmacSHA256");
SecretKeySpec secretKeySpec = new SecretKeySpec(key, mac.getAlgorithm());
mac.init(secretKeySpec);
return mac.doFinal(msg.getBytes(UTF8));
}

public static String sha256Hex(String s) throws Exception {
MessageDigest md = MessageDigest.getInstance("SHA-256");
byte[] d = md.digest(s.getBytes(UTF8));
return DatatypeConverter.printHexBinary(d).toLowerCase();
}

public static void main(String[] args) throws Exception {
String service = "cvm";
String host = "cvm.tencentcloudapi.com";
String region = "ap-guangzhou";
String action = "DescribeInstances";
String version = "2017-03-12";
String algorithm = "TC3-HMAC-SHA256";
String timestamp = "1551113065";
//String timestamp = String.valueOf(System.currentTimeMillis() / 1000);
SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
// Pay attention to the time zone; otherwise, errors may occur
sdf.setTimeZone(TimeZone.getTimeZone("UTC"));
String date = sdf.format(new Date(Long.valueOf(timestamp + "000")));

// ************ Step 1: Concatenate the CanonicalRequest string ************
```

```
String httpRequestMethod = "POST";
String canonicalUri = "/";
String canonicalQueryString = "";
String canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "hos
t:" + host + "\n";
String signedHeaders = "content-type;host";

String payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}";
String hashedRequestPayload = sha256Hex(payload);
String canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canoni
calQueryString + "\n"
+ canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
System.out.println(canonicalRequest);

// ************* Step 2: Concatenate the string to sign *************
String credentialScope = date + "/" + service + "/" + "tc3_request";
String hashedCanonicalRequest = sha256Hex(canonicalRequest);
String stringToSign = algorithm + "\n" + timestamp + "\n" + credentialScope +
"\n" + hashedCanonicalRequest;
System.out.println(stringToSign);

// ************* Step 3: Calculate the signature *************
byte[] secretDate = hmac256(("TC3" + SECRET_KEY).getBytes(UTF8), date);
byte[] secretService = hmac256(secretDate, service);
byte[] secretSigning = hmac256(secretService, "tc3_request");
String signature = DatatypeConverter.printHexBinary(hmac256(secretSigning, string
ToSign)).toLowerCase();
System.out.println(signature);

// ************* Step 4: Concatenate the Authorization *************
String authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + creden
tialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature;
System.out.println(authorization);

TreeMap<String, String> headers = new TreeMap<String, String>();
headers.put("Authorization", authorization);
headers.put("Content-Type", CT_JSON);
headers.put("Host", host);
headers.put("X-TC-Action", action);
headers.put("X-TC-Timestamp", timestamp);
headers.put("X-TC-Version", version);
headers.put("X-TC-Region", region);

StringBuilder sb = new StringBuilder();
sb.append("curl -X POST https://").append(host)
```

```
.append(" -H \"Authorization: ").append(authorization).append("\"")
.append(" -H \"Content-Type: application/json; charset=utf-8\"")
.append(" -H \"Host: ").append(host).append("\"")
.append(" -H \"X-TC-Action: ").append(action).append("\"")
.append(" -H \"X-TC-Timestamp: ").append(timestamp).append("\"")
.append(" -H \"X-TC-Version: ").append(version).append("\"")
.append(" -H \"X-TC-Region: ").append(region).append("\"")
.append(" -d '").append(payload).append("'");
System.out.println(sb.toString());
}
}
```

Python

```
# -*- coding: utf-8 -*-
import hashlib, hmac, json, os, sys, time
from datetime import datetime

# Key Parameters
secret_id = "AKID********************************"
secret_key = "********************************"

service = "cvm"
host = "cvm.tencentcloudapi.com"
endpoint = "https://" + host
region = "ap-guangzhou"
action = "DescribeInstances"
version = "2017-03-12"
algorithm = "TC3-HMAC-SHA256"
#timestamp = int(time.time())
timestamp = 1551113065
date = datetime.utcfromtimestamp(timestamp).strftime("%Y-%m-%d")
params = {"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"
}]}

# ************* Step 1: Concatenate the CanonicalRequest string *************
http_request_method = "POST"
canonical_uri = "/"
canonical_querystring = ""
ct = "application/json; charset=utf-8"
payload = json.dumps(params)
canonical_headers = "content-type:%s\nhost:%s\n" % (ct, host)
signed_headers = "content-type;host"
hashed_request_payload = hashlib.sha256(payload.encode("utf-8")).hexdigest()
canonical_request = (http_request_method + "\n" +
canonical_uri + "\n" +
```

```
canonical_querystring + "\n" +
canonical_headers + "\n" +
signed_headers + "\n" +
hashed_request_payload)
print(canonical_request)

# ************* Step 2: Concatenate the string to sign *************
credential_scope = date + "/" + service + "/" + "tc3_request"
hashed_canonical_request = hashlib.sha256(canonical_request.encode("utf-8")).hexd
igest()
string_to_sign = (algorithm + "\n" +
str(timestamp) + "\n" +
credential_scope + "\n" +
hashed_canonical_request)
print(string_to_sign)


# ************* Step 3: Calculate the Signature *************
# Function for computing signature digest
def sign(key, msg):
return hmac.new(key, msg.encode("utf-8"), hashlib.sha256).digest()
secret_date = sign(("TC3" + secret_key).encode("utf-8"), date)
secret_service = sign(secret_date, service)
secret_signing = sign(secret_service, "tc3_request")
signature = hmac.new(secret_signing, string_to_sign.encode("utf-8"), hashlib.sha2
56).hexdigest()
print(signature)

# ************* Step 4: Concatenate the Authorization *************
authorization = (algorithm + " " +
"Credential=" + secret_id + "/" + credential_scope + ", " +
"SignedHeaders=" + signed_headers + ", " +
"Signature=" + signature)
print(authorization)

print('curl -X POST ' + endpoint
+ ' -H "Authorization: ' + authorization + '"'
+ ' -H "Content-Type: application/json; charset=utf-8"'
+ ' -H "Host: ' + host + '"'
+ ' -H "X-TC-Action: ' + action + '"'
+ ' -H "X-TC-Timestamp: ' + str(timestamp) + '"'
+ ' -H "X-TC-Version: ' + version + '"'
+ ' -H "X-TC-Region: ' + region + '"'
+ " -d '" + payload + "'")
```

Golang

```
package main

import (
"crypto/hmac"
"crypto/sha256"
"encoding/hex"
"fmt"
"time"
)

func sha256hex(s string) string {
b := sha256.Sum256([]byte(s))
return hex.EncodeToString(b[:])
}

func hmacsha256(s, key string) string {
hashed := hmac.New(sha256.New, []byte(key))
hashed.Write([]byte(s))
return string(hashed.Sum(nil))
}

func main() {
secretId := "AKID********************************"
secretKey := "********************************"
host := "cvm.tencentcloudapi.com"
algorithm := "TC3-HMAC-SHA256"
service := "cvm"
version := "2017-03-12"
action := "DescribeInstances"
region := "ap-guangzhou"
//var timestamp int64 = time.Now().Unix()
var timestamp int64 = 1551113065

// step 1: build canonical request string
httpRequestMethod := "POST"
canonicalURI := "/"
canonicalQueryString := ""
canonicalHeaders := "content-type:application/json; charset=utf-8\n" + "host:" +
host + "\n"
signedHeaders := "content-type;host"
payload := `{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}`
hashedRequestPayload := sha256hex(payload)
canonicalRequest := fmt.Sprintf("%s\n%s\n%s\n%s\n%s\n%s",
httpRequestMethod,
canonicalURI,
```

```
canonicalQueryString,
canonicalHeaders,
signedHeaders,
hashedRequestPayload)
fmt.Println(canonicalRequest)

// step 2: build string to sign
date := time.Unix(timestamp, 0).UTC().Format("2006-01-02")
credentialScope := fmt.Sprintf("%s/%s/tc3_request", date, service)
hashedCanonicalRequest := sha256hex(canonicalRequest)
string2sign := fmt.Sprintf("%s\n%d\n%s\n%s",
algorithm,
timestamp,
credentialScope,
hashedCanonicalRequest)
fmt.Println(string2sign)

// step 3: sign string
secretDate := hmacsha256(date, "TC3"+secretKey)
secretService := hmacsha256(service, secretDate)
secretSigning := hmacsha256("tc3_request", secretService)
signature := hex.EncodeToString([]byte(hmacsha256(string2sign, secretSigning)))
fmt.Println(signature)

// step 4: build authorization
authorization := fmt.Sprintf("%s Credential=%s/%s, SignedHeaders=%s, Signature=%
s",
algorithm,
secretId,
credentialScope,
signedHeaders,
signature)
fmt.Println(authorization)

curl := fmt.Sprintf(`curl -X POST https://%s\
-H "Authorization: %s"\
-H "Content-Type: application/json; charset=utf-8"\
-H "Host: %s" -H "X-TC-Action: %s"\
-H "X-TC-Timestamp: %d"\
-H "X-TC-Version: %s"\
-H "X-TC-Region: %s"\
-d '%s'`, host, authorization, host, action, timestamp, version, region, payload)
fmt.Println(curl)
}
```

PHP

```php
<?php
$secretId = "AKID********************************";
$secretKey = "********************************";
$host = "cvm.tencentcloudapi.com";
$service = "cvm";
$version = "2017-03-12";
$action = "DescribeInstances";
$region = "ap-guangzhou";
// $timestamp = time();
$timestamp = 1551113065;
$algorithm = "TC3-HMAC-SHA256";

// step 1: build canonical request string
$httpRequestMethod = "POST";
$canonicalUri = "/";
$canonicalQueryString = "";
$canonicalHeaders = "content-type:application/json; charset=utf-8\n"."host:".$hos
t."\n";
$signedHeaders = "content-type;host";
$payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}';
$hashedRequestPayload = hash("SHA256", $payload);
$canonicalRequest = $httpRequestMethod."\n"
.$canonicalUri."\n"
.$canonicalQueryString."\n"
.$canonicalHeaders."\n"
.$signedHeaders."\n"
.$hashedRequestPayload;
echo $canonicalRequest.PHP_EOL;

// step 2: build string to sign
$date = gmdate("Y-m-d", $timestamp);
$credentialScope = $date."/".$service."/tc3_request";
$hashedCanonicalRequest = hash("SHA256", $canonicalRequest);
$stringToSign = $algorithm."\n"
.$timestamp."\n"
.$credentialScope."\n"
.$hashedCanonicalRequest;
echo $stringToSign.PHP_EOL;

// step 3: sign string
$secretDate = hash_hmac("SHA256", $date, "TC3".$secretKey, true);
$secretService = hash_hmac("SHA256", $service, $secretDate, true);
$secretSigning = hash_hmac("SHA256", "tc3_request", $secretService, true);
$signature = hash_hmac("SHA256", $stringToSign, $secretSigning);
echo $signature.PHP_EOL;
```

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```
// step 4: build authorization
$authorization = $algorithm
." Credential=".$secretId."/".$credentialScope
.", SignedHeaders=content-type;host, Signature=".$signature;
echo $authorization.PHP_EOL;

$curl = "curl -X POST https://".$host
.' -H "Authorization: '.$authorization.'"'
.' -H "Content-Type: application/json; charset=utf-8"'
.' -H "Host: '.$host.'"'
.' -H "X-TC-Action: '.$action.'"'
.' -H "X-TC-Timestamp: '.$timestamp.'"'
.' -H "X-TC-Version: '.$version.'"'
.' -H "X-TC-Region: '.$region.'"'
." -d '".$payload."'";
echo $curl.PHP_EOL;
```

Ruby

```
# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'digest'
require 'json'
require 'time'
require 'openssl'

# Key Parameters
secret_id = 'AKID********************************'
secret_key = '********************************'

service = 'cvm'
host = 'cvm.tencentcloudapi.com'
endpoint = 'https://' + host
region = 'ap-guangzhou'
action = 'DescribeInstances'
version = '2017-03-12'
algorithm = 'TC3-HMAC-SHA256'
# timestamp = Time.now.to_i
timestamp = 1551113065
date = Time.at(timestamp).utc.strftime('%Y-%m-%d')

# ************* Step 1: Concatenate the CanonicalRequest string *************
http_request_method = 'POST'
canonical_uri = '/'
canonical_querystring = ''
```

```
canonical_headers = "content-type:application/json; charset=utf-8\nhost:#{host}
\n"
signed_headers = 'content-type;host'
# params = { 'Limit' => 1, 'Filters' => [{ 'Name' => 'instance-name', 'Values' =>
['unnamed'] }] }
# payload = JSON.generate(params, { 'ascii_only' => true, 'space' => ' ' })
# json will generate in random order, to get specified result in example, we hard
-code it here.
payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-nam
e"}]}'
hashed_request_payload = Digest::SHA256.hexdigest(payload)
canonical_request = [
http_request_method,
canonical_uri,
canonical_querystring,
canonical_headers,
signed_headers,
hashed_request_payload,
].join("\n")

puts canonical_request

# ************* Step 2: Concatenate the string to sign *************
credential_scope = date + '/' + service + '/' + 'tc3_request'
hashed_request_payload = Digest::SHA256.hexdigest(canonical_request)
string_to_sign = [
algorithm,
timestamp.to_s,
credential_scope,
hashed_request_payload,
].join("\n")
puts string_to_sign

# ************* Step 3: Calculate the Signature *************
digest = OpenSSL::Digest.new('sha256')
secret_date = OpenSSL::HMAC.digest(digest, 'TC3' + secret_key, date)
secret_service = OpenSSL::HMAC.digest(digest, secret_date, service)
secret_signing = OpenSSL::HMAC.digest(digest, secret_service, 'tc3_request')
signature = OpenSSL::HMAC.hexdigest(digest, secret_signing, string_to_sign)
puts signature

# ************* Step 4: Concatenate the Authorization *************
authorization = "#{algorithm} Credential=#{secret_id}/#{credential_scope}, Signed
Headers=#{signed_headers}, Signature=#{signature}"
puts authorization

puts 'curl -X POST ' + endpoint \
```

```
+ ' -H "Authorization: ' + authorization + '"' \
+ ' -H "Content-Type: application/json; charset=utf-8"' \
+ ' -H "Host: ' + host + '"' \
+ ' -H "X-TC-Action: ' + action + '"' \
+ ' -H "X-TC-Timestamp: ' + timestamp.to_s + '"' \
+ ' -H "X-TC-Version: ' + version + '"' \
+ ' -H "X-TC-Region: ' + region + '"' \
+ " -d '" + payload + "'"
```

DotNet

```
using System;
using System.Collections.Generic;
using System.Security.Cryptography;
using System.Text;

public class Application
{
public static string SHA256Hex(string s)
{
using (SHA256 algo = SHA256.Create())
{
byte[] hashbytes = algo.ComputeHash(Encoding.UTF8.GetBytes(s));
StringBuilder builder = new StringBuilder();
for (int i = 0; i < hashbytes.Length; ++i)
{
builder.Append(hashbytes[i].ToString("x2"));
}
return builder.ToString();
}
}
public static byte[] HmacSHA256(byte[] key, byte[] msg)
{
using (HMACSHA256 mac = new HMACSHA256(key))
{
return mac.ComputeHash(msg);
}
}

public static Dictionary<String, String> BuildHeaders(string secretid,
string secretkey, string service, string endpoint, string region,
string action, string version, DateTime date, string requestPayload)
{
string datestr = date.ToString("yyyy-MM-dd");
DateTime startTime = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc);
long requestTimestamp = (long)Math.Round((date - startTime).TotalMilliseconds, Mi
```

```
dpointRounding.AwayFromZero) / 1000;
// ************* Step 1: Concatenate the CanonicalRequest string *************
string algorithm = "TC3-HMAC-SHA256";
string httpRequestMethod = "POST";
string canonicalUri = "/";
string canonicalQueryString = "";
string contentType = "application/json";
string canonicalHeaders = "content-type:" + contentType + "; charset=utf-8\n" +
"host:" + endpoint + "\n";
string signedHeaders = "content-type;host";
string hashedRequestPayload = SHA256Hex(requestPayload);
string canonicalRequest = httpRequestMethod + "\n"
+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
+ canonicalHeaders + "\n"
+ signedHeaders + "\n"
+ hashedRequestPayload;
Console.WriteLine(canonicalRequest);
Console.WriteLine("-----------------------------------");

// ************* Step 2: Concatenate the string to sign *************
string credentialScope = datestr + "/" + service + "/" + "tc3_request";
string hashedCanonicalRequest = SHA256Hex(canonicalRequest);
string stringToSign = algorithm + "\n" + requestTimestamp.ToString() + "\n" + cre
dentialScope + "\n" + hashedCanonicalRequest;
Console.WriteLine(stringToSign);
Console.WriteLine("-----------------------------------");

// ************* Step 3: Calculate the signature *************
byte[] tc3SecretKey = Encoding.UTF8.GetBytes("TC3" + secretkey);
byte[] secretDate = HmacSHA256(tc3SecretKey, Encoding.UTF8.GetBytes(datestr));
byte[] secretService = HmacSHA256(secretDate, Encoding.UTF8.GetBytes(service));
byte[] secretSigning = HmacSHA256(secretService, Encoding.UTF8.GetBytes("tc3_requ
est"));
byte[] signatureBytes = HmacSHA256(secretSigning, Encoding.UTF8.GetBytes(stringTo
Sign));
string signature = BitConverter.ToString(signatureBytes).Replace("-", "").ToLower
();
Console.WriteLine(signature);
Console.WriteLine("-----------------------------------");

// ************* Step 4: Concatenate the Authorization *************
string authorization = algorithm + " "
+ "Credential=" + secretid + "/" + credentialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", "
+ "Signature=" + signature;
Console.WriteLine(authorization);
```

```
Console.WriteLine("---------------------------------");

Dictionary<string, string> headers = new Dictionary<string, string>();
headers.Add("Authorization", authorization);
headers.Add("Host", endpoint);
headers.Add("Content-Type", contentType + "; charset=utf-8");
headers.Add("X-TC-Timestamp", requestTimestamp.ToString());
headers.Add("X-TC-Version", version);
headers.Add("X-TC-Action", action);
headers.Add("X-TC-Region", region);
return headers;
}
public static void Main(string[] args)
{
// SecretID and SecretKey
string SECRET_ID = "AKID********************************";
string SECRET_KEY = "********************************";

string service = "cvm";
string endpoint = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";

// The timestamp `2019-02-26 00:44:25` used here is only for reference. In a proj
ect, use the following parameter:
// DateTime date = DateTime.UtcNow;
// Enter the correct time zone. We recommend using UTC timestamp to avoid errors.
DateTime date = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc).AddSeconds
(1551113065);
string requestPayload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"],
\"Name\": \"instance-name\"}]}";

Dictionary<string, string> headers = BuildHeaders(SECRET_ID, SECRET_KEY, service
, endpoint, region, action, version, date, requestPayload);

Console.WriteLine("POST https://cvm.tencentcloudapi.com");
foreach (KeyValuePair<string, string> kv in headers)
{
Console.WriteLine(kv.Key + ": " + kv.Value);
}
Console.WriteLine();
Console.WriteLine(requestPayload);
}
}
```

NodeJS

```
const crypto = require('crypto');

function sha256(message, secret = '', encoding) {
const hmac = crypto.createHmac('sha256', secret)
return hmac.update(message).digest(encoding)
}
function getHash(message, encoding = 'hex') {
const hash = crypto.createHash('sha256')
return hash.update(message).digest(encoding)
}
function getDate(timestamp) {
const date = new Date(timestamp * 1000)
const year = date.getUTCFullYear()
const month = ('0' + (date.getUTCMonth() + 1)).slice(-2)
const day = ('0' + date.getUTCDate()).slice(-2)
return `${year}-${month}-${day}`
}
function main(){

const SECRET_ID = "AKID********************************"
const SECRET_KEY = "********************************"

const endpoint = "cvm.tencentcloudapi.com"
const service = "cvm"
const region = "ap-guangzhou"
const action = "DescribeInstances"
const version = "2017-03-12"
//const timestamp = getTime()
const timestamp = 1551113065
const date = getDate(timestamp)

// ************* Step 1: Concatenate the CanonicalRequest string *************
const signedHeaders = "content-type;host"

const payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}"

const hashedRequestPayload = getHash(payload);
const httpRequestMethod = "POST"
const canonicalUri = "/"
const canonicalQueryString = ""
const canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "hos
t:" + endpoint + "\n"

const canonicalRequest = httpRequestMethod + "\n"
```

```
+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
+ canonicalHeaders + "\n"
+ signedHeaders + "\n"
+ hashedRequestPayload
console.log(canonicalRequest)
console.log("----------------------------")

// ************* Step 2: Concatenate the string to sign *************
const algorithm = "TC3-HMAC-SHA256"
const hashedCanonicalRequest = getHash(canonicalRequest);
const credentialScope = date + "/" + service + "/" + "tc3_request"
const stringToSign = algorithm + "\n" +
timestamp + "\n" +
credentialScope + "\n" +
hashedCanonicalRequest
console.log(stringToSign)
console.log("----------------------------")

// ************* Step 3: Calculate the signature *************
const kDate = sha256(date, 'TC3' + SECRET_KEY)
const kService = sha256(service, kDate)
const kSigning = sha256('tc3_request', kService)
const signature = sha256(stringToSign, kSigning, 'hex')
console.log(signature)
console.log("----------------------------")

// ************* Step 4: Concatenate the Authorization *************
const authorization = algorithm + " " +
"Credential=" + SECRET_ID + "/" + credentialScope + ", " +
"SignedHeaders=" + signedHeaders + ", " +
"Signature=" + signature
console.log(authorization)
console.log("----------------------------")

const Call_Information = 'curl -X POST ' + "https://" + endpoint
+ ' -H "Authorization: ' + authorization + '"'
+ ' -H "Content-Type: application/json; charset=utf-8"'
+ ' -H "Host: ' + endpoint + '"'
+ ' -H "X-TC-Action: ' + action + '"'
+ ' -H "X-TC-Timestamp: ' + timestamp.toString() + '"'
+ ' -H "X-TC-Version: ' + version + '"'
+ ' -H "X-TC-Region: ' + region + '"'
+ " -d '" + payload + "'"
console.log(Call_Information)
}
main()
```

C++

```
#include <iostream>
#include <iomanip>
#include <sstream>
#include <string>
#include <stdio.h>
#include <time.h>
#include <openssl/sha.h>
#include <openssl/hmac.h>

using namespace std;

string get_data(int64_t &timestamp)
{
string utcDate;
char buff[20] = {0};
// time_t timenow;
struct tm sttime;
sttime = *gmtime(&timestamp);
strftime(buff, sizeof(buff), "%Y-%m-%d", &sttime);
utcDate = string(buff);
return utcDate;
}
string int2str(int64_t n)
{
std::stringstream ss;
ss << n;
return ss.str();
}
string sha256Hex(const string &str)
{
char buf[3];
unsigned char hash[SHA256_DIGEST_LENGTH];
SHA256_CTX sha256;
SHA256_Init(&sha256);
SHA256_Update(&sha256, str.c_str(), str.size());
SHA256_Final(hash, &sha256);
std::string NewString = "";
for(int i = 0; i < SHA256_DIGEST_LENGTH; i++)
{
snprintf(buf, sizeof(buf), "%02x", hash[i]);
NewString = NewString + buf;
}
return NewString;
```

```
}
string HmacSha256(const string &key, const string &input)
{
unsigned char hash[32];

HMAC_CTX *h;
#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX hmac;
HMAC_CTX_init(&hmac);
h = &hmac;
#else
h = HMAC_CTX_new();
#endif

HMAC_Init_ex(h, &key[0], key.length(), EVP_sha256(), NULL);
HMAC_Update(h, ( unsigned char* )&input[0], input.length());
unsigned int len = 32;
HMAC_Final(h, hash, &len);

#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX_cleanup(h);
#else
HMAC_CTX_free(h);
#endif

std::stringstream ss;
ss << std::setfill('0');
for (int i = 0; i < len; i++)
{
ss << hash[i];
}

return (ss.str());
}
string HexEncode(const string &input)
{
static const char* const lut = "0123456789abcdef";
size_t len = input.length();

string output;
output.reserve(2 * len);
for (size_t i = 0; i < len; ++i)
{
const unsigned char c = input[i];
output.push_back(lut[c >> 4]);
output.push_back(lut[c & 15]);
}
```

```
return output;
}

int main()
{
string SECRET_ID = "AKID********************************";
string SECRET_KEY = "********************************";

string service = "cvm";
string host = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";
int64_t timestamp = 1551113065;
string date = get_data(timestamp);

// ************* Step 1: Concatenate the CanonicalRequest string *************
string httpRequestMethod = "POST";
string canonicalUri = "/";
string canonicalQueryString = "";
string canonicalHeaders = "content-type:application/json; charset=utf-8\nhost:" +
host + "\n";
string signedHeaders = "content-type;host";
string payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}";
string hashedRequestPayload = sha256Hex(payload);
string canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canoni
calQueryString + "\n"
+ canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
cout << canonicalRequest << endl;
cout << "-----------------------" << endl;

// ************* Step 2: Concatenate the string to sign *************
string algorithm = "TC3-HMAC-SHA256";
string RequestTimestamp = int2str(timestamp);
string credentialScope = date + "/" + service + "/" + "tc3_request";
string hashedCanonicalRequest = sha256Hex(canonicalRequest);
string stringToSign = algorithm + "\n" + RequestTimestamp + "\n" + credentialScop
e + "\n" + hashedCanonicalRequest;
cout << stringToSign << endl;
cout << "-----------------------" << endl;

// ************* Step 3: Calculate the signature ***************
string kKey = "TC3" + SECRET_KEY;
string kDate = HmacSha256(kKey, date);
string kService = HmacSha256(kDate, service);
string kSigning = HmacSha256(kService, "tc3_request");
```

```
string signature = HexEncode(HmacSha256(kSigning, stringToSign));
cout << signature << endl;
cout << "-----------------------" << endl;

// ************* Step 4: Concatenate the Authorization *************
string authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + creden
tialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature;
cout << authorization << endl;
cout << "-----------------------" << endl;

string headers = "curl -X POST https://" + host + "\n"
+ " -H \"Authorization: " + authorization + "\n"
+ " -H \"Content-Type: application/json; charset=utf-8\"" + "\n"
+ " -H \"Host: " + host + "\n"
+ " -H \"X-TC-Action: " + action + "\n"
+ " -H \"X-TC-Timestamp: " + RequestTimestamp + "\n"
+ " -H \"X-TC-Version: " + version + "\n"
+ " -H \"X-TC-Region: " + region + "\n"
+ " -d '" + payload;
cout << headers << endl;
return 0;
};
```

Signature Failure

The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

Error Code	Description
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes.
AuthFailure.SecretIdNotFound	The key does not exist. Please go to the console to check whether it is disabled or you copied fewer or more characters.
AuthFailure.SignatureFailure	Signature error. It is possible that the signature was calculated incorrectly, the signature does not match the content actually sent, or the SecretKey is incorrect.
AuthFailure.TokenFailure	Temporary certificate token error.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).

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Signature

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Tencent Cloud API authenticates each access request, i.e. each request needs to include authentication information (Signature) in the common parameters to verify the identity of the requester.
The Signature is generated by the security credentials which include SecretId and SecretKey. If you don't have the security credentials yet, go to the TencentCloud API Key page to apply for them; otherwise, you cannot invoke the TencentCloud API.

1. Applying for Security Credentials

Before using the TencentCloud API for the first time, go to the TencentCloud API Key page to apply for security credentials.
Security credentials consist of SecretId and SecretKey:

- SecretId is used to identify the API requester.
- SecretKey is used to encrypt the signature string and verify it on the server.
- **You must keep your security credentials private and avoid disclosure.**

You can apply for the security credentials through the following steps:

1. Log in to the Tencent Cloud Console.
2. Go to the TencentCloud API Key page.
3. On the API Key Management page, click **Create Key** to create a SecretId/SecretKey pair.

Note: Each account can have up to two pairs of SecretId/SecretKey.

2. Generating a Signature

With the SecretId and SecretKey, a signature can be generated. The following describes how to generate a signature:

Assume that the SecretId and SecretKey are:

- SecretId: `AKID********************************`
- SecretKey: `********************************`

Note: This is just an example. For actual operations, please use your own SecretId and SecretKey.

Take the Cloud Virtual Machine's request to view the instance list (DescribeInstances) as an example. When you invoke this API, the request parameters may be as follows:

Parameter name	Description	Parameter value
Action	Method name	DescribeInstances
SecretId	Key ID	`AKID********************************`
Timestamp	Current timestamp	1465185768
Nonce	Random positive integer	11886
Region	Region where the instance is located	ap-guangzhou
InstanceIds.0	ID of the instance to query	ins-09dx96dg
Offset	Offset	0
Limit	Allowed maximum output	20
Version	API version number	2017-03-12

2.1. Sorting Parameters

First, sort all the request parameters in an ascending lexicographical order (ASCII code) by their names. Notes: (1) Parameters are sorted by their names instead of their values; (2) The parameters are sorted based on ASCII code, not in an alphabetical order or by values. For example, InstanceIds.2 should be arranged after InstanceIds.12. You can complete the sorting process using a sorting function in a programming language, such as the ksort function in PHP. The parameters in the example are sorted as follows:

```
{
'Action' : 'DescribeInstances',
'InstanceIds.0' : 'ins-09dx96dg',
'Limit' : 20,
'Nonce' : 11886,
'Offset' : 0,
'Region' : 'ap-guangzhou',
'SecretId' : 'AKID********************************',
'Timestamp' : 1465185768,
'Version': '2017-03-12',
}
```

When developing in another programming language, you can sort these sample parameters and it will work as long as you obtain the same results.

2.2. Concatenating a Request String

This step generates a request string.

Format the request parameters sorted in the previous step into the form of "parameter name"="parameter value". For example, for the Action parameter, its parameter name is "Action" and its parameter value is "DescribeInstances", so it will become Action=DescribeInstances after formatted.

Note: The "parameter value" is the original value but not the value after URL encoding.

Then, concatenate the formatted parameters with "&". The resulting request string is as follows:

```
Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0
&Region=ap-guangzhou&SecretId=AKID********************************&Timestamp=1465
185768&Version=2017-03-12
```

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

1. HTTP method: POST and GET modes are supported, and GET is used here for the request. Please note that the method name should be in all capital letters.
2. Request server: the domain name of the request to view the list of instances (DescribeInstances) is cvm.tencentcloudapi.com. The actual request domain name varies by the module to which the API belongs. For more information, see the instructions of the specific API.
3. Request path: The request path in the current version of TencentCloud API is fixed to /.
4. Request string: the request string generated in the previous step.

The concatenation rule of the signature original string is: Request method + request host + request path + ? + request string

The concatenation result of the example is:

```
GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&L
imit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID******************
************&Timestamp=1465185768&Version=2017-03-12
```

2.4. Generating a Signature String

This step generates a signature string.

First, use the HMAC-SHA1 algorithm to sign the **signature original string** obtained in the previous step, and then

encode the generated signature using Base64 to obtain the final signature.

The specific code is as follows with the PHP language being used as an example:

```
$secretKey = '*******************************';
$srcStr = 'GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins
-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID********
************************&Timestamp=1465185768&Version=2017-03-12';
$signStr = base64_encode(hash_hmac('sha1', $srcStr, $secretKey, true));
echo $signStr;
```

The final signature is:

```
7RAM2xfNMO9EiVTNmPg06MRnCvQ=
```

When developing in another programming language, you can sign and verify the original in the example above and it works as long as you get the same results.

3. Encoding a Signature String

The generated signature string cannot be directly used as a request parameter and must be URL encoded.

For example, if the signature string generated in the previous step is 7RAM2xfNMO9EiVTNmPg06MRnCvQ=, the final signature string request parameter (Signature) is 7RAM2xfNMO9EiVTNmPg06MRnCvQ%3D, which will be used to generate the final request URL.

Note: If your request method is GET, or the request method is POST and the Content-Type is application/x-www-form-urlencoded, then all the request parameter values need to be URL encoded (except the parameter key and the symbol of =) when sending the request. Non-ASCII characters need to be encoded with UTF-8 before URL encoding.

Note: The network libraries of some programming languages automatically URL encode all parameters, in which case there is no need to URL encode the signature string; otherwise, two rounds of URL encoding will cause the signature to fail.

Note: Other parameter values also need to be encoded using RFC 3986. Use %XY in percent-encoding for special characters such as Chinese characters, where "X" and "Y" are hexadecimal characters (0-9 and uppercase A-F), and using lowercase will cause an error.

4. Signature Failure

The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

Error code	Error description
AuthFailure.SignatureExpire	The signature is expired
AuthFailure.SecretIdNotFound	The key does not exist
AuthFailure.SignatureFailure	Signature error
AuthFailure.TokenFailure	Token error
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type)

5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See SDK Center for more information. Currently, the following programming languages are supported:

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: `https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKID********************************&Signature=7RAM2xfNMO9EiVTNmPg06MRnCvQ%3D&Timestamp=1465185768&Version=2017-03-12` .

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

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Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

Java

```
import java.io.UnsupportedEncodingException;
import java.net.URLEncoder;
import java.util.Random;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPIDemo {
private final static String CHARSET = "UTF-8";

public static String sign(String s, String key, String method) throws Exception {
Mac mac = Mac.getInstance(method);
SecretKeySpec secretKeySpec = new SecretKeySpec(key.getBytes(CHARSET), mac.getAlg
orithm());
mac.init(secretKeySpec);
byte[] hash = mac.doFinal(s.getBytes(CHARSET));
return DatatypeConverter.printBase64Binary(hash);
}

public static String getStringToSign(TreeMap<String, Object> params) {
StringBuilder s2s = new StringBuilder("GETcvm.tencentcloudapi.com/?");
// When signing, the parameters need to be sorted in lexicographical order. TreeM
ap is used here to guarantee the correct order.
for (String k : params.keySet()) {
s2s.append(k).append("=").append(params.get(k).toString()).append("&");
}
return s2s.toString().substring(0, s2s.length() - 1);
}

public static String getUrl(TreeMap<String, Object> params) throws UnsupportedEnc
odingException {
StringBuilder url = new StringBuilder("https://cvm.tencentcloudapi.com/?");
// There is no requirement for the order of the parameters in the actual request
URL.
for (String k : params.keySet()) {
```

```
// The request string needs to be URL encoded. As the Key is all in English lette
rs, only the value is URL encoded here.
url.append(k).append("=").append(URLEncoder.encode(params.get(k).toString(), CHAR
SET)).append("&");
}
return url.toString().substring(0, url.length() - 1);
}

public static void main(String[] args) throws Exception {
TreeMap<String, Object> params = new TreeMap<String, Object>(); // TreeMap enable
s automatic sorting
// A random number should be used when actually calling, for example: params.put
("Nonce", new Random().nextInt(java.lang.Integer.MAX_VALUE));
params.put("Nonce", 11886); // Common parameter
// The current time of the system should be used when actually calling, for examp
le: params.put("Timestamp", System.currentTimeMillis() / 1000);
params.put("Timestamp", 1465185768); // Common parameter
params.put("SecretId", "AKID********************************"); // Common paramet
er
params.put("Action", "DescribeInstances"); // Common parameter
params.put("Version", "2017-03-12"); // Common parameter
params.put("Region", "ap-guangzhou"); // Common parameter
params.put("Limit", 20); // Business parameter
params.put("Offset", 0); // Business parameter
params.put("InstanceIds.0", "ins-09dx96dg"); // Business parameter
params.put("Signature", sign(getStringToSign(params), "************************
******", "HmacSHA1")); // Common parameter
System.out.println(getUrl(params));
}
}
```

Python

Note: If running in a Python 2 environment, the following requests dependency package must be installed first: `pip install requests`.

```
# -*- coding: utf8 -*-
import base64
import hashlib
import hmac
import time

import requests

secret_id = "AKID********************************"
secret_key = "********************************"
```

```
def get_string_to_sign(method, endpoint, params):
s = method + endpoint + "/?"
query_str = "&".join("%s=%s" % (k, params[k]) for k in sorted(params))
return s + query_str

def sign_str(key, s, method):
hmac_str = hmac.new(key.encode("utf8"), s.encode("utf8"), method).digest()
return base64.b64encode(hmac_str)

if __name__ == '__main__':
endpoint = "cvm.tencentcloudapi.com"
data = {
'Action' : 'DescribeInstances',
'InstanceIds.0' : 'ins-09dx96dg',
'Limit' : 20,
'Nonce' : 11886,
'Offset' : 0,
'Region' : 'ap-guangzhou',
'SecretId' : secret_id,
'Timestamp' : 1465185768, # int(time.time())
'Version': '2017-03-12'
}
s = get_string_to_sign("GET", endpoint, data)
data["Signature"] = sign_str(secret_key, s, hashlib.sha1)
print(data["Signature"])
# An actual invocation would occur here, which may incur fees after success
# resp = requests.get("https://" + endpoint, params=data)
# print(resp.url)
```

Golang

```
package main

import (
"bytes"
"crypto/hmac"
"crypto/sha1"
"encoding/base64"
"fmt"
"sort"
)

func main() {
secretId := "AKID********************************"
secretKey := "********************************"
```

```
params := map[string]string{
"Nonce": "11886",
"Timestamp": "1465185768",
"Region": "ap-guangzhou",
"SecretId": secretId,
"Version": "2017-03-12",
"Action": "DescribeInstances",
"InstanceIds.0": "ins-09dx96dg",
"Limit": "20",
"Offset": "0",
}

var buf bytes.Buffer
buf.WriteString("GET")
buf.WriteString("cvm.tencentcloudapi.com")
buf.WriteString("/")
buf.WriteString("?")

// sort keys by ascii asc order
keys := make([]string, 0, len(params))
for k, _ := range params {
keys = append(keys, k)
}
sort.Strings(keys)

for i := range keys {
k := keys[i]
buf.WriteString(k)
buf.WriteString("=")
buf.WriteString(params[k])
buf.WriteString("&")
}
buf.Truncate(buf.Len() - 1)

hashed := hmac.New(sha1.New, []byte(secretKey))
hashed.Write(buf.Bytes())

fmt.Println(base64.StdEncoding.EncodeToString(hashed.Sum(nil)))
}
```

PHP

```
<?php
$secretId = "AKID********************************";
$secretKey = "********************************";
$param["Nonce"] = 11886;//rand();
```

```
$param["Timestamp"] = 1465185768;//time();
$param["Region"] = "ap-guangzhou";
$param["SecretId"] = $secretId;
$param["Version"] = "2017-03-12";
$param["Action"] = "DescribeInstances";
$param["InstanceIds.0"] = "ins-09dx96dg";
$param["Limit"] = 20;
$param["Offset"] = 0;

ksort($param);

$signStr = "GETcvm.tencentcloudapi.com/?";
foreach ( $param as $key => $value ) {
$signStr = $signStr . $key . "=" . $value . "&";
}
$signStr = substr($signStr, 0, -1);

$signature = base64_encode(hash_hmac("sha1", $signStr, $secretKey, true));
echo $signature.PHP_EOL;
// need to install and enable curl extension in php.ini
// $param["Signature"] = $signature;
// $url = "https://cvm.tencentcloudapi.com/?".http_build_query($param);
// echo $url.PHP_EOL;
// $ch = curl_init();
// curl_setopt($ch, CURLOPT_URL, $url);
// $output = curl_exec($ch);
// curl_close($ch);
// echo json_decode($output);
```

Ruby

```
# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'time'
require 'openssl'
require 'base64'

secret_id = "AKID********************************"
secret_key = "********************************"

method = 'GET'
endpoint = 'cvm.tencentcloudapi.com'
data = {
'Action' => 'DescribeInstances',
'InstanceIds.0' => 'ins-09dx96dg',
'Limit' => 20,
```

```
'Nonce' => 11886,
'Offset' => 0,
'Region' => 'ap-guangzhou',
'SecretId' => secret_id,
'Timestamp' => 1465185768, # Time.now.to_i
'Version' => '2017-03-12',
}
sign = method + endpoint + '/?'
params = []
data.sort.each do |item|
params << "#{item[0]}=#{item[1]}"
end
sign += params.join('&')
digest = OpenSSL::Digest.new('sha1')
data['Signature'] = Base64.encode64(OpenSSL::HMAC.digest(digest, secret_key, sig
n))
puts data['Signature']

# require 'net/http'
# uri = URI('https://' + endpoint)
# uri.query = URI.encode_www_form(data)
# p uri
# res = Net::HTTP.get_response(uri)
# puts res.body
```

DotNet

```
using System;
using System.Collections.Generic;
using System.Net;
using System.Security.Cryptography;
using System.Text;

public class Application {
public static string Sign(string signKey, string secret)
{
string signRet = string.Empty;
using (HMACSHA1 mac = new HMACSHA1(Encoding.UTF8.GetBytes(signKey)))
{
byte[] hash = mac.ComputeHash(Encoding.UTF8.GetBytes(secret));
signRet = Convert.ToBase64String(hash);
}
return signRet;
}
public static string MakeSignPlainText(SortedDictionary<string, string> requestPa
rams, string requestMethod, string requestHost, string requestPath)
```

```
{
string retStr = "";
retStr += requestMethod;
retStr += requestHost;
retStr += requestPath;
retStr += "?";
string v = "";
foreach (string key in requestParams.Keys)
{
v += string.Format("{0}={1}&", key, requestParams[key]);
}
retStr += v.TrimEnd('&');
return retStr;
}

public static void Main(string[] args)
{
string SECRET_ID = "AKID********************************";
string SECRET_KEY = "********************************";

string endpoint = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";
double RequestTimestamp = 1465185768;
// long timestamp = ToTimestamp() / 1000;
// string requestTimestamp = timestamp.ToString();
Dictionary<string, string> param = new Dictionary<string, string>();
param.Add("Limit", "20");
param.Add("Offset", "0");
param.Add("InstanceIds.0", "ins-09dx96dg");
param.Add("Action", action);
param.Add("Nonce", "11886");
// param.Add("Nonce", Math.Abs(new Random().Next()).ToString());

param.Add("Timestamp", RequestTimestamp.ToString());
param.Add("Version", version);

param.Add("SecretId", SECRET_ID);
param.Add("Region", region);
SortedDictionary<string, string> headers = new SortedDictionary<string, string>(p
aram, StringComparer.Ordinal);
string sigInParam = MakeSignPlainText(headers, "GET", endpoint, "/");
Console.WriteLine(sigInParam);
string sigOutParam = Sign(SECRET_KEY, sigInParam);
```

```
Console.WriteLine("GET https://cvm.tencentcloudapi.com");
foreach (KeyValuePair<string, string> kv in headers)
{
Console.WriteLine(kv.Key + ": " + kv.Value);
}
Console.WriteLine("Signature" + ": " + WebUtility.UrlEncode(sigOutParam));
Console.WriteLine();

string result = "https://cvm.tencentcloudapi.com/?";
foreach (KeyValuePair<string, string> kv in headers)
{
result += WebUtility.UrlEncode(kv.Key) + "=" + WebUtility.UrlEncode(kv.Value) +
"&";
}
result += WebUtility.UrlEncode("Signature") + "=" + WebUtility.UrlEncode(sigOutPa
ram);
Console.WriteLine("GET " + result);
}
}
```

NodeJS

```
const crypto = require('crypto');

function get_req_url(params, endpoint){
params['Signature'] = escape(params['Signature']);
const url_strParam = sort_params(params)
return "https://" + endpoint + "/?" + url_strParam.slice(1);
}

function formatSignString(reqMethod, endpoint, path, strParam){
let strSign = reqMethod + endpoint + path + "?" + strParam.slice(1);
return strSign;
}
function sha1(secretKey, strsign){
let signMethodMap = {'HmacSHA1': "sha1"};
let hmac = crypto.createHmac(signMethodMap['HmacSHA1'], secretKey || "");
return hmac.update(Buffer.from(strsign, 'utf8')).digest('base64')
}

function sort_params(params){
let strParam = "";
let keys = Object.keys(params);
keys.sort();
for (let k in keys) {
//k = k.replace(/_/g, '.');
```

```
strParam += ("&" + keys[k] + "=" + params[keys[k]]);
}
return strParam
}

function main(){
const SECRET_ID = "AKID********************************"
const SECRET_KEY = "********************************"

const endpoint = "cvm.tencentcloudapi.com"
const Region = "ap-guangzhou"
const Version = "2017-03-12"
const Action = "DescribeInstances"
const Timestamp = 1465185768
// const Timestamp = Math.round(Date.now() / 1000)
const Nonce = 11886
//const nonce = Math.round(Math.random() * 65535)

let params = {};
params['Action'] = Action;
params['InstanceIds.0'] = 'ins-09dx96dg';
params['Limit'] = 20;
params['Offset'] = 0;
params['Nonce'] = Nonce;
params['Region'] = Region;
params['SecretId'] = SECRET_ID;
params['Timestamp'] = Timestamp;
params['Version'] = Version;

strParam = sort_params(params)

const reqMethod = "GET";
const path = "/";
strSign = formatSignString(reqMethod, endpoint, path, strParam)
console.log(strSign)
console.log("----------------------")

params['Signature'] = sha1(SECRET_KEY, strSign)
console.log(params['Signature'])
console.log("----------------------")

const req_url = get_req_url(params, endpoint)
console.log(params['Signature'])
console.log("----------------------")
console.log(req_url)
}
main()
```

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Responses

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Response for Successful Requests

For example, when calling CAM API (version: 2017-03-12) to view the status of instances (DescribeInstancesStatus), if the request has succeeded, you may see the response as shown below:

```
{
"Response": {
"TotalCount": 0,
"InstanceStatusSet": [],
"RequestId": "b5b41468-520d-4192-b42f-595cc34b6c1c"
}
}
```

- The API will return `Response`, which contains `RequestId`, as long as it processes the request. It does not matter if the request is successful or not.
- RequestId is the unique ID of an API request. Contact us with this ID when an exception occurs.
- Except for the fixed fields, all fields are action-specified. For the definitions of action-specified fields, see the corresponding API documentation. In this example, `TotalCount` and `InstanceStatusSet` are the fields specified by the API `DescribeInstancesStatus`. 0 `TotalCount` means that the requester owns 0 CVM instance so the `InstanceStatusSet` is empty.

Response for Failed Requests

If the request has failed, you may see the response as shown below:

```
{
"Response": {
"Error": {
"Code": "AuthFailure.SignatureFailure",
"Message": "The provided credentials could not be validated. Please ensure your s
ignature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

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- The presence of the `Error` field indicates that the request has failed. A response for a failed request will include `Error`, `Code` and `Message` fields.
- `Code` is the code of the error that helps you identify the cause and solution. There are two types of error codes so you may find the code in either common error codes or API-specified error codes.
- Message explains the cause of the error. Note that the returned messages are subject to service updates. The information the messages provide may not be up-to-date and should not be the only source of reference.
- RequestId is the unique ID of an API request. Contact us with this ID when an exception occurs.

Common Error Codes

If there is an Error field in the response, it means that the API call failed. The Code field in Error indicates the error code. The following table lists the common error codes that all actions can return.

Error Code	Description
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	The key does not exist.
AuthFailure.SignatureExpire	Signature expired.
AuthFailure.SignatureFailure	Signature error.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request does not have CAM authorization.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidAction	The API does not exist.
InvalidParameter	Incorrect parameter.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	Quota limit exceeded.
MissingParameter	A parameter is missing.

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NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTPS request method error. Only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

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Site APIs
CreateZone

Last updated：2025-02-19 19:32:40

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a site. After you create the site, you can connect it to EdgeOne via the CNAME or NS (see Quick Start), or connect it without a domain name (see Quick Access to L4 Proxy Service).

If there are already EdgeOne plans under the current account, it is recommended to pass in the `PlanId` to bind the site with the plan directly. If `PlanId` is not passed in, the created site is not activated. You need to call BindZoneToPlan to bind the site with a plan. To purchase a plan, please go to the EdgeOne console.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Type	No	String	Site access type. If this parameter is not input, the default value `partial` is used. Valid values of this parameter are as follows: • partial: CNAME access; • full: NS access;

			• noDomainAccess: access with no domain name. • dnsPodAccess: DNSPod hosted access. To use this access mode, your domain name should have been hosted on DNSPod.
ZoneName	No	String	Site name. For sites connected via CNAME/NS, pass in the secondary domain name (example.com). Leave it blank if the site is connected without a domain name.
Area	No	String	The acceleration area of the L7 domain name when `Type` is `partial` or `full`. When Type is `noDomainAccess`, please leave it blank. • `global`: Global AZs • `mainland`: AZs in the Chinese mainland • `overseas`: (Default) AZs outside the Chinese mainland
PlanId	No	String	ID of the plan to which you want to bind the site. If you don't have an EdgeOne plan, purchase one in the EdgeOne console.
AliasZoneName	No	String	The site alias. It allows up to 20 characters, including [0-9], [a-z], [A-Z] and [-_]. For details, see Glossary. If you don't want to use it, just leave it blank.
Tags.N	No	Array of Tag	Tags of the site. To create tags, go to the Tag Console.

3. Output Parameters

Parameter Name	Type	Description
ZoneId	String	Site ID.
OwnershipVerification	OwnershipVerification	Site ownership verification information. After the site is created, you need to complete the ownership verification before the site can serve normally. If `Type=partial`, add TXT records to your DNS provider or add files to the root DNS server, and then call VerifyOwnership to complete verification. For more information, see Ownership Verification. If `Type = full`, switch the DNS server as instructed by Modifying DNS Server. Then call VerifyOwnership to check the result.

		If `Type = noDomainAccess`, leave it blank. No action is required. Note: This field may return·null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a site with the NS access mode

u200cConnect the site `example.com` to EdgeOne via the NS. Set the service area to Chinese mainland, and bind it with the plan `edgeone-37q0w6qali10`. The information of DNS provider is returned. You need to go to the domain name registrar to modify the configuration. For more information, see Modifying DNS Server.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateZone
<Common request parameters>

{
"Type": "full",
"ZoneName": "example.com",
"Area": "mainland",
"PlanId": "edgeone-37q0w6qali10"
}
```

Output Example

```
{
"Response": {
"ZoneId": "zone-27q0p0bali16",
"OwnershipVerification": {
"DnsVerification": null,
"FileVerification": null,
"NsVerification": {
```

```
"NameServers": [
"ns1.teodns.com",
"ns2.teodns.com"
]
}
},
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example2 Creating a site without specifying the domain name

Create a site without specifying the domain name, and bind it with the plan `edgeone-37q0w6qali10` . The site ID is returned. For information, see Quick access to L4 proxy service.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateZone
<Common request parameters>

{
"Type": "noDomainAccess",
"PlanId": "edgeone-37q0w6qali10"
}
```

Output Example

```
{
"Response": {
"ZoneId": "zone-27q0p0bali16",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example3 Creating a site with the CNAME access mode

Connect the site `example.com` to EdgeOne via the CNAME. Set the service area to Global, and bind it with the plan `edgeone-37q0w6qali10` . This API returns the site ID and site ownership verification information. To verify your ownership of a site, see Ownership Verification.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateZone
<Common request parameters>

{
"Type": "partial",
"ZoneName": "example.com",
"Area": "global",
"PlanId": "edgeone-37q0w6qali10"
}
```

Output Example

```
{
"Response": {
"ZoneId": "zone-27q0p0bali16",
"OwnershipVerification": {
"DnsVerification": {
"Subdomain": "edgeonereclaim",
"RecordType": "TXT",
"RecordValue": "reclaim-a24aba2420cf4ce8b7bff7c8be6d337f"
},
"FileVerification": {
"Path": "/.well-known/teo-verification/vd4ewuqa9n.txt",
"Content": "88v24mnnljwbhaohrpfx80f63duhdnjx"
},
"NsVerification": null
},
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
DryRunOperation	DryRun operation, which means the DryRun parameter is passed in yet the request will still be successful.
FailedOperation.FailedToCallDNSPod	Failed to call dnspod. please try again later. if the issue persists, please contact the intelligent customer service or submit a ticket.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
InvalidParameter.PlanNotFound	The plan doesn't exist.
InvalidParameter.ZoneHasBeenBound	The site is already bound.
InvalidParameterValue	Invalid parameter value.
InvalidParameterValue.AccessBlacklist	The domain name for this zone has been banned.
InvalidParameterValue.InvalidTagValue	The tag value contains invalid characters.
InvalidParameterValue.TopLevelDomainNotSupport	The current domain suffix is not supported for access. Please contact us if you need to use it.
InvalidParameterValue.ZoneNameInvalid	The zone name format is incorrect. Please input a correctly formed domain name.

InvalidParameterValue.ZoneNameNotSupportPunyCode	Punycode access is not supported at present.
InvalidParameterValue.ZoneNameNotSupportSubDomain	The zone does not support subdomain access. Please use second-level domains for zone access.
InvalidParameterValue.ZoneSameAsName	The site alias already exists.
LimitExceeded.ZoneBindPlan	Reached the upper limit of sites of the plan
OperationDenied	Operation denied.
OperationDenied.ComplianceForbidden	The current compliance status is banning.
OperationDenied.DNSPodUnauthorizedRoleOperation	The TEO_QCSLinkedRoleInDnspodAccessEO role is not authorized. Please authorize it and try again.
OperationDenied.DomainIsBlocked	Unable to use the domain name when it’s blocked.
OperationDenied.RecordIsForbidden	The DNS record cannot be added.
ResourceInUse	The resource is occupied.
ResourceInUse.AliasDomain	Resources occupied by the alias domain names under this account.
ResourceInUse.Cname	Resources occupied by this account via CNAME.
ResourceInUse.Dns	DNS resources occupied.
ResourceInUse.GenericHost	Resources occupied by the wildcard domain name.
ResourceInUse.Host	Resources occupied by the subdomain names under this account.
ResourceInUse.NS	Resources occupied by this account via NS.
ResourceInUse.Others	The resource has been connected to EdgeOne by another user.
ResourceInUse.OthersAliasDomain	Resources occupied by the alias domain names under other accounts.
ResourceInUse.OthersCname	Resources occupied by other accounts via CNAME.
ResourceInUse.OthersHost	Resources occupied by the subdomain names

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	under other accounts.
ResourceInUse.OthersNS	Resources occupied by other accounts via NS.
ResourceInUse.SelfAndOthersCname	Resources occupied by this account and others via CNAME.
ResourceNotFound	The resource doesn't exist.
ResourceNotFound.DNSPodDomainNotInAccount	The domain name is not properly accessed via DNSPod. Please try again after DNSPod access.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeIdentifications

Last updated：2024-11-28 10:20:55

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the verification information of a site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeIdentifications.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Filters.N	Yes	Array of Filter	Filter conditions. The maximum value for Filters.Values is 20. The detailed conditions are as follows: • zone-name: Filter by site name.
Offset	No	Integer	The page offset. Default value: 0
Limit	No	Integer	The paginated query limit. Default value: 20. Maximum value: 1000.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible sites.
Identifications	Array of Identification	The site verification information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the verification status of a site

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeIdentifications
<Common request parameters>

{
"Limit": 20,
"Filters": [
{
"Values": [
"example.com"
],
"Name": "zone-name"
}
],
"Offset": 0
}
```

Output Example

```
{
"Response": {
"Identifications": [
{
"ZoneName": "example.com",
```

```
"Status": "pending",
"Ascription": {
"Subdomain": "edgeonereclaim",
"RecordType": "TXT",
"RecordValue": "reclaim-a24aba2420cf4ce8b7bff7c8be6d337f"
},
"OriginalNameServers": [
"ns1.example.com",
"ns2.example.com"
],
"FileAscription": {
"IdentifyContent": "88v24mnnljwbhaohrpfx80f63duhdnjx",
"IdentifyPath": "/.well-known/teo-verification/vd4ewuqa9n.txt"
}
}
],
"TotalCount": 1,
"RequestId": "8gs50b24-7df5-47f4-96ae-95825d53er3c"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied.DomainInShareCnameGroup	Switch failed: There are domain names in the shared CNAME group.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.

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ModifyZone

Last updated：2025-02-19 19:32:39

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify a site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Type	No	String	Site access method. Valid values: • full: NS access. • partial: CNAME access. If the site is currently accessed with no domain name, it can be switched only to CNAME access. • dnsPodAccess: DNSPod hosted access. To use this access mode, your domain name should have been hosted on DNSPod.

			If this parameter is not input, the original configuration is maintained.
VanityNameServers	No	VanityNameServers	The custom name servers. The original configuration applies if this field is not specified. It is not allowed to pass this field when a site is connected without using a domain name.
AliasZoneName	No	String	The site alias. It can be up to 20 characters consisting of digits, letters, hyphens (-) and underscores (_).
Area	No	String	The region where the site requests access. Values: • `global` : Global coverage • `mainland` : Chinese mainland • `overseas` : Outside the Chinese mainland It is not allowed to pass this field when a site is connected without using a domain name.
ZoneName	No	String	Name of the site. This field takes effect only when the site switches from domainless access to CNAME access.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a site

This example shows you how to modify a site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZone
<Common request parameters>

{
"VanityNameServers": {
"Switch": "on",
"Servers": [
"ns1.example.com",
"ns2.example.com"
]
},
"Type": "full",
"ZoneId": "zone-27q0p0bali16",
"AliasZoneName": "zone-example"
}
```

Output Example

```
{
"Response": {
"RequestId": "4ac50b24-7dc2-47f4-92ce-9fd25d53gt2f"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
DryRunOperation	DryRun operation, which means the DryRun parameter is passed in yet the request will still be successful.
FailedOperation	Operation failed.
FailedOperation.FailedToCallDNSPod	Failed to call dnspod. please try again later. if the issue persists, please contact the intelligent customer service or submit ticket.
InternalError.ConfigLocked	The configuration is locked. Please unloc and try again.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
InvalidParameter.ZoneNameIsRequired	To switch a site from connecting without domain name to connecting via the CNAME, the site name is required.
InvalidParameterValue	Invalid parameter value.
InvalidParameterValue.ZoneSameAsName	The site alias already exists.
OperationDenied	Operation denied.
OperationDenied.DNSPodUnauthorizedRoleOperation	The TEO_QCSLinkedRoleInDnspodAccessE role is not authorized. Please authorize it and try again.

OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.DomainInShareCnameGroup	Switch failed: There are domain names i the shared CNAME group.
OperationDenied.DomainNumberIsNotZero	Unable to modify the service area: There are domain names under the site.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.MultipleCnameZone	Unable to switch to NS for multiple sites using CNAME.
OperationDenied.NSNotAllowTrafficStrategy	Domain traffic scheduling is not supporte in NS access mode.
OperationDenied.NoDomainAccessZoneOnlyAllowModifiedToCNAME	You can only switch a site connected without a domain name to connecting via the CNAME
OperationDenied.NoDomainAccessZoneOnlySupportModifyType	You can only switch a site connected without a domain name to connecting via the CNAME. Other operations are not allowed.
OperationDenied.PlanNotSupportModifyZoneArea	The specified plan does not support changing the service area of the site.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
ResourceInUse.Cname	Resources occupied by this account via CNAME.
ResourceInUse.Dns	DNS resources occupied.
ResourceInUse.GenericHost	Resources occupied by the wildcard domain name.
ResourceInUse.NS	Resources occupied by this account via NS.
ResourceInUse.Others	The resource has been connected to EdgeOne by another user.
ResourceInUse.OthersAliasDomain	Resources occupied by the alias domain

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	names under other accounts.
ResourceInUse.OthersCname	Resources occupied by other accounts v CNAME.
ResourceInUse.OthersNS	Resources occupied by other accounts v NS.
ResourceInUse.SelfAndOthersCname	Resources occupied by this account and others via CNAME.
ResourceNotFound	The resource doesn't exist.
ResourceNotFound.DNSPodDomainNotInAccount	The domain name is not properly accessed via DNSPod. Please try again after DNSPod access.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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DeleteZone

Last updated：2024-11-28 10:20:55

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

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4. Example

Example1 Deleting a site

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteZone
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali16"
}
```

Output Example

```
{
"Response": {
"RequestId": "2ac50bka-7dc5-4fq4-96ce-89825d53jkl1"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
OperationDenied	Operation denied.
OperationDenied.DeleteZonePreCheckFailed	The pre-check failed during site deletion.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ZoneIsBindingSharedCNAME	The shared CNAME has been bound to another site. Please unbind first.
OperationDenied.ZoneIsReferenceCustomErrorPage	Error found in the associated custom error page. Please unbind it first.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyZoneStatus

Last updated：2024-11-28 10:20:53

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to change the site status.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyZoneStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Paused	Yes	Boolean	The site status. Values: • `false` : Disabled • `true` : Enabled

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Changes the site status

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneStatus
<Common request parameters>

{
"Paused": true,
"ZoneId": "zone-27q0p0bali16"
}
```

Output Example

```
{
"Response": {
"RequestId": "7sd20b24-7dc5-98f4-96ce-95825dcd34sa"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.L4ProxyInProgressStatus	The EdgeOne service cannot be disabled for the site: A L4 proxy instance is being deployed.
OperationDenied.L4ProxyInStoppingStatus	Unable to disable the site: There are L4 proxy instances disabled.
OperationDenied.L7HostInProcessStatus	The EdgeOne service cannot be disabled for the site: An accelerated domain name is being deployed.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.

UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

CheckCnameStatus

Last updated：2024-12-03 16:17:18

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the CNAME status of a domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CheckCnameStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
RecordNames.N	Yes	Array of String	List of accelerated domain names.

3. Output Parameters

Parameter	Type	Description

Name		
CnameStatus	Array of CnameStatus	CNAME status of accelerated domain names.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the CNAME status of a domain name

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CheckCnameStatus
<Common request parameters>

{
"RecordNames": [
"example.qq.com"
],
"ZoneId": "zone-20hyebgyfsko"
}
```

Output Example

```
{
"Response": {
"CnameStatus": [
{
"RecordName": "test.qq.com",
"Cname": "test.qq.com.acc.tyxcdn.com",
"Status": "active"
}
],
"RequestId": "d08bed0d-15bf-4d65-ab56-906aee0c845"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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IdentifyZone

Last updated：2024-12-03 16:17:17

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to verify ownership of the site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: IdentifyZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneName	Yes	String	The site name.
Domain	No	String	A subdomain name under the site. Specify this field if you want to verify the ownership of a subdomain name. Otherwise you can leave it blank.

3. Output Parameters

Parameter Name	Type	Description

Ascription	AscriptionInfo	Details of the DNS record.
FileAscription	FileAscriptionInfo	Details of the verification file.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Verifying site ownership

The following example shows how to verify your ownership of the site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: IdentifyZone
<Common request parameters>

{
"ZoneName": "example.com"
}
```

Output Example

```
{
"Response": {
"Ascription": {
"Subdomain": "edgeonereclaim",
"RecordType": "TXT",
"RecordValue": "reclaim-a24aba2420cf4ce8b7bff7c8be6d337f"
},
"FileAscription": {
"IdentifyPath": "/.well-known/teo-verification/vd4ewuqa9n.txt",
"IdentifyContent": "88v24mnnljwbhaohrpfx80f63duhdnjx"
},
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeZones

Last updated：2024-12-03 16:17:18

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the information of sites that you have access to. You can filter sites based on different query criteria.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeZones.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Offset	No	Integer	The page offset. Default value: 0
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 100.
Filters.N	No	Array of AdvancedFilter	Filter conditions. Up to 20 values for each filter. If this parameter is not filled in, the information of all sites under the current account is returned. Detailed filtering conditions are as follows: • `zone-name` : Site name • `zone-id` : Site ID, such as zone-2noz78a8ev6k

			• `status` : Site status • `tag-key` : Tag key • `tag-value` : Tag value Only `zone-name` supports fuzzy query.
Order	No	String	Sort the returned results according to this field. Values include: • `type` : Connection mode • `area` : Acceleration region • `create-time` : Creation time • `zone-name` : Site name • `use-time` : Last used time • `active-status` Effective status Default value: `create-time`
Direction	No	String	Sort direction. If the field value is a number, sort by the numeric value. If the field value is text, sort by the ascill code. Values include: • `asc` : From the smallest to largest • `desc` : From the largest to smallest. Default value: `desc`

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible sites.
Zones	Array of Zone	Details of sites.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of user sites

Query information of the site "example.com".

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeZones
<Common request parameters>

{
"Filters": [
{
"Name": "zone-name",
"Values": [
"example.com"
],
"Fuzzy": false
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"Zones": [
{
"ZoneId": "zone-2noz3g48ev6k",
"ZoneName": "example.com",
"ActiveStatus": "inactive",
"AliasZoneName": "",
"Area": "global",
"CnameSpeedUp": "enabled",
"CnameStatus": "pending",
"CreatedOn": "2023-09-18T07:41:05Z",
"IsFake": 0,
"LockStatus": "enable",
"ModifiedOn": "2023-09-18T07:41:50Z",
"NameServers": [
"ns1.teodns.com.",
"ns2.teodns.com."
],
"OriginalNameServers": [
"ns1.example.com.",
"ns2.example.com."
],
```

```
"Paused": false,
"Resources": [
{
"Area": "global",
"AutoRenewFlag": 0,
"CreateTime": "2023-09-18T07:41:18Z",
"EnableTime": "2023-09-18T07:41:18Z",
"ExpireTime": "2099-12-31T15:59:59Z",
"Group": "plan",
"Id": "edgeone-2noz3qqkvqth",
"PayMode": 0,
"PlanId": "edgeone-2noz3qqkvqth",
"Status": "normal",
"Sv": [
{
"Key": "sv_edgeone_plan_sec_ent_flatfee_cm",
"Value": "1",
"InstanceId": "",
"Pack": "",
"ProtectionSpecs": ""
}
]
},
{
"Area": "global",
"AutoRenewFlag": 0,
"CreateTime": "2023-09-18T07:41:18Z",
"EnableTime": "2023-09-18T07:41:18Z",
"ExpireTime": "2099-12-31T15:59:59Z",
"Group": "pay-as-you-go",
"Id": "edgeone-2noz3t4be7xw",
"PayMode": 0,
"PlanId": "edgeone-2noz3qqkvqth",
"Status": "normal",
"Sv": [
{
"Key": "sv_edgeone_sec_request_queries_month",
"Value": "1",
"InstanceId": "",
"Pack": "",
"ProtectionSpecs": ""
},
{
"Key": "sv_edgeone_va_unit_month",
"Value": "1",
"InstanceId": "",
"Pack": "",
```

```
"ProtectionSpecs": ""
}
]
}
],
"Status": "pending",
"Tags": [],
"Type": "full",
"VanityNameServers": null,
"VanityNameServersIps": []
}
],
"RequestId": "641a08e3-2ef7-407c-9c2f-2a9928741df5"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

VerifyOwnership

Last updated：2024-12-03 16:17:16

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to verify your ownership of a site or domain name. It's required in the CNAME access mode. After a site is verified, you don't need to verify the ownership again for domain names added to it in the future. For details, see Ownership Verification.

For sites connected via the NS, you can query whether the NS is successfully switched through this API. For details, see Modifying DNS Servers.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: VerifyOwnership.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Site or acceleration domain name

3. Output Parameters

Parameter	Type	Description

Name		
Status	String	Result of ownership verification • `success` : Verification passed • `fail` : Verification failed
Result	String	When the ownership verification result is `fail` , this field returns the reason of failure.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Verifying domain ownership (CNAME access)

Verify the ownership of the domain name test.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyOwnership
<Common request parameters>

{
"Domain": "test.example.com"
}
```

Output Example

```
{
"Response": {
"Status": "success",
"Result": "",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example2 Verifying the site ownership (for sites connected with CNAME)

Verify ownership of site example.com (Site ID: zone-xxxxx).

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyOwnership
<Common request parameters>

{
"Domain": "example.com"
}
```

Output Example

```
{
"Response": {
"Status": "fail",
"Result": "Resolve XX and get the xx content xx.\nTried to access http://xxx/.. .
Failed to connect to the resolution xx .",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example3 Verifying whether the DNS server is switched (for sites connected with NS)

This example shows you how to verify whether the DNS of example.com is switched successfully.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyOwnership
<Common request parameters>

{
"Domain": "example.com"
}
```

Output Example

```
{
"Response": {
"Status": "fail",
```

```
"Result": "The DNS server of the current domain is xxx. It does not match the exp
ected server xxx .",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
ResourceNotFound	The resource doesn't exist.

ExportZoneConfig

Last updated：2024-12-16 16:40:01

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to export site configuration . The exported configuration is used for import via the API (ImportZoneConfig). This feature only supports the sites in the plans of the Standard Edition and the Enterprise Edition.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ExportZoneConfig.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Types.N	No	Array of String	It indicates exporting the type list of configuration . If it is left blank, all types of configurations will be exported. Currently supported valid values: • L7AccelerationConfig: It indicates exporting the Layer-7 acceleration configuration, corresponding to the console's "Site Acceleration - Global Acceleration Configuration" and "Site Acceleration - Rule Engine". Note: The types that will be supported for export in the future will increase

			with iterations. When exporting all types, pay attention to the export file size. It is recommended to specify the configuration types to be exported to control the request and response packet payload size.

3. Output Parameters

Parameter Name	Type	Description
Content	String	The specific content of the exported configuration, returned in the JSON format and encoded in the UTF-8 mode. Refer to the example below for the configuration content.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Exporting Site Configuration

This example shows you how to export the Layer-7 acceleration configuration under the site zone-21xfqlh5qjee.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ExportZoneConfig
<Common request parameters>

{
"ZoneId": "zone-21xfqlh5qjee",
"Types": [
"L7AccelerationConfig"
]
}
```

Output Example

```
{
"Response": {
"Content": "{\"FormatVersion\":\"1.0\",\"ZoneConfig\": {\"SmartRouting\": {\"Swit
```

```
ch\": \"off\"}, \"Cache\": {\"CustomTime\": {\"Switch\": \"on\", \"CacheTime\": 6
04800}}, \"MaxAge\": {\"FollowOrigin\": \"on\", \"CacheTime\": 600}, \"CacheKey
\": {\"FullURLCache\": \"off\", \"QueryString\": {\"Switch\": \"on\", \"Action\":
\"includeCustom\", \"Values\": [\"key1\", \"key2\"]}, \"IgnoreCase\": \"on\"},
\"CachePrefresh\": {\"Switch\": \"off\", \"CacheTimePercent\": 90}, \"OfflineCach
e\": {\"Switch\": \"on\"}, \"Compression\": {\"Switch\": \"on\", \"Algorithms\":
[\"brotli\", \"gzip\"]}, \"ImageOptimize\": {\"Switch\": \"off\"}, \"ForceRedirec
tHTTPS\": {\"Switch\": \"on\", \"RedirectStatusCode\": 302}, \"HSTS\": {\"Switch
\": \"on\", \"IncludeSubDomains\": \"on\", \"Timeout\": 16070400, \"Preload\":
\"on\"}, \"TLSConfig\": {\"CipherSuite\": \"loose-v2023\", \"Version\": [\"TLSv1
\", \"TLSv1.1\", \"TLSv1.2\", \"TLSv1.3\"]}, \"OCSPStapling\": {\"Switch\": \"off
\"}, \"HTTP2\": {\"Switch\": \"on\"}, \"QUIC\": {\"Switch\": \"off\"}, \"Upstream
HTTP2\": {\"Switch\": \"off\"}, \"IPv6\": {\"Switch\": \"off\"}, \"WebSocket\":
{\"Switch\": \"on\", \"Timeout\": 30}, \"PostMaxSize\": {\"Switch\": \"on\", \"Ma
xSize\": 838860800}, \"ClientIPHeader\": {\"Switch\": \"off\", \"HeaderName\":
\"\"}, \"ClientIPCountry\": {\"Switch\": \"on\", \"HeaderName\": \"EO-Client-IPCo
untry\"}, \"gRPC\": {\"Switch\": \"off\"}, \"AccelerateMainland\": {\"Switch\":
\"off\"}, \"StandardDebug\": {\"Switch\": \"on\", \"AllowClientIPList\": [\"1.2.
3.4\"], \"Expires\": \"2023-11-04T04:46:28Z\"}}, \"Rules\": [{\"RuleName\": \"Unn
amed Rule\", \"Branches\": [{\"Condition\": \"${http.request.host} matches '.
*'\", \"Actions\": [{\"Name\": \"UpstreamURLRewrite\", \"Parameters\": {\"Type\":
\"Path\", \"Action\": \"rmvPrefix\", \"Value\": \"/prefix\"}}], \"SubRules\":
[{\"Branches\": [{\"Condition\": \"${http.request.file_extension} in ['.jpg']\",
\"Actions\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"Switch\": \"on\",
\"MaxSize\": 524288000}}]}]}, {\"Branches\": [{\"Condition\": \"${http.request.fi
le_extension} in ['.png']\", \"Actions\": [{\"Name\": \"PostMaxSize\", \"Paramete
rs\": {\"Switch\": \"on\", \"MaxSize\": 209715200}}]}]}]}]}]}",
"RequestId": "5e0a2b4e-dw6d-4dsa-ac39-1706cbf8a703"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

ImportZoneConfig

Last updated：2024-12-16 16:39:59

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to quickly import site configuration files. After the import is initiated, the API will return the corresponding task ID (TaskId). Users need to use the site configuration import result query API (DescribeZoneConfigImportResult) to obtain the results of this import task. This feature only supports the sites in the plans of the Standard Edition and the Enterprise Edition.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ImportZoneConfig.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Content	Yes	String	The configuration content to be imported, which should be in the JSON format and be encoded in the UTF-8 mode. The configuration content can be obtained through the site configuration export API (ExportZoneConfig). You can individually import "Site Acceleration - Global Acceleration Configuration" or "Site Acceleration - Rule Engine" by passing in the corresponding fields. Refer to the example below for details.

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3. Output Parameters

Parameter Name	Type	Description
TaskId	String	It indicates the task ID of this import configuration. You can obtain the result of this import task through the site configuration import result query API (DescribeZoneConfigImportResult). Note: The import task ID is only retained for 7 days.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Importing Site Layer-7 Acceleration Configuration

This example shows you how to import the whole Layer-7 acceleration configuration under the site zone-m2kplohsdc4b.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ImportZoneConfig
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"Content": "{\"FormatVersion\":\"1.0\",\"ZoneConfig\": {\"SmartRouting\": {\"Switch\": \"off\"}, \"Cache\": {\"CustomTime\": {\"Switch\": \"on\", \"CacheTime\": 604800}}, \"MaxAge\": {\"FollowOrigin\": \"on\", \"CacheTime\": 600}, \"CacheKey\": {\"FullURLCache\": \"off\", \"QueryString\": {\"Switch\": \"on\", \"Action\": \"includeCustom\", \"Values\": [\"key1\", \"key2\"]}, \"IgnoreCase\": \"on\"}, \"CachePrefresh\": {\"Switch\": \"off\", \"CacheTimePercent\": 90}, \"OfflineCache\": {\"Switch\": \"on\"}, \"Compression\": {\"Switch\": \"on\", \"Algorithms\": [\"brotli\", \"gzip\"]}, \"ImageOptimize\": {\"Switch\": \"off\"}, \"ForceRedirectHTTPS\": {\"Switch\": \"on\", \"RedirectStatusCode\": 302}, \"HSTS\": {\"Switch\": \"on\", \"IncludeSubDomains\": \"on\", \"Timeout\": 16070400, \"Preload\": \"on\"}, \"TLSConfig\": {\"CipherSuite\": \"loose-v2023\", \"Version\": [\"TLSv1\", \"TLSv1.1\", \"TLSv1.2\", \"TLSv1.3\"]}, \"OCSPStapling\": {\"Switch\": \"off\"}, \"HTTP2\": {\"Switch\": \"on\"}, \"QUIC\": {\"Switch\": \"off\"}, \"UpstreamHTTP2\": {\"Switch\": \"off\"}, \"IPv6\": {\"Switch\": \"off\"}, \"WebSocket\": {\"Swi
```

```
tch\": \"on\", \"Timeout\": 30}, \"PostMaxSize\": {\"Switch\": \"on\", \"MaxSize
\": 838860800}, \"ClientIPHeader\": {\"Switch\": \"off\", \"HeaderName\": \"\"},
\"ClientIPCountry\": {\"Switch\": \"on\", \"HeaderName\": \"EO-Client-IPCountry\"
}, \"gRPC\": {\"Switch\": \"off\"}, \"AccelerateMainland\": {\"Switch\": \"off\"
}, \"StandardDebug\": {\"Switch\": \"on\", \"AllowClientIPList\": [\"1.2.3.4\"],
\"Expires\": \"2023-11-04T04:46:28Z\"}}, \"Rules\": [{\"RuleName\": \"Unnamed Rul
e\", \"Branches\": [{\"Condition\": \"${http.request.host} matches \".*\"\", \"Ac
tions\": [{\"Name\": \"UpstreamURLRewrite\", \"Parameters\": {\"Type\": \"Path\",
\"Action\": \"rmvPrefix\", \"Value\": \"/prefix\"}}], \"SubRules\": [{\"Branches
\": [{\"Condition\": \"${http.request.file_extension} in [\".jpg\"]\", \"Actions
\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"Switch\": \"on\", \"MaxSize\"
: 524288000}}]}]}, {\"Branches\": [{\"Condition\": \"${http.request.file_extensio
n} in [\".png\"]\", \"Actions\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"
Switch\": \"on\", \"MaxSize\": 209715200}}]}]}]}]}]}"
}
```


Output Example


```
{
"Response": {
"TaskId": "33mz68e4gwka",
"RequestId": "5e0a2b4e-dw6d-4dsa-ac39-1706cbf8a703"
}
}
```


Example2 Importing Site Acceleration Configuration for Site Layer-7 Acceleration Configuration

This example shows you how to individually import the global acceleration configuration for the Layer-7 acceleration configuration under the site zone-m2kplohsdc4b.

Input Example


```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ImportZoneConfig
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"Content": "{\"FormatVersion\":\"1.0\",\"ZoneConfig\": {\"SmartRouting\": {\"Swit
ch\": \"off\"}, \"Cache\": {\"CustomTime\": {\"Switch\": \"on\", \"CacheTime\": 6
04800}}, \"MaxAge\": {\"FollowOrigin\": \"on\", \"CacheTime\": 600}, \"CacheKey\"
: {\"FullURLCache\": \"off\", \"QueryString\": {\"Switch\": \"on\", \"Action\":
```

\"includeCustom\", \"Values\": [\"key1\", \"key2\"]}, \"IgnoreCase\": \"on\"}, \"CachePrefresh\": {\"Switch\": \"off\", \"CacheTimePercent\": 90}, \"OfflineCache\": {\"Switch\": \"on\"}, \"Compression\": {\"Switch\": \"on\", \"Algorithms\": [\"brotli\", \"gzip\"]}, \"ImageOptimize\": {\"Switch\": \"off\"}, \"ForceRedirectHTTPS\": {\"Switch\": \"on\", \"RedirectStatusCode\": 302}, \"HSTS\": {\"Switch\": \"on\", \"IncludeSubDomains\": \"on\", \"Timeout\": 16070400, \"Preload\": \"on\"}, \"TLSConfig\": {\"CipherSuite\": \"loose-v2023\", \"Version\": [\"TLSv1\", \"TLSv1.1\", \"TLSv1.2\", \"TLSv1.3\"]}, \"OCSPStapling\": {\"Switch\": \"off\"}, \"HTTP2\": {\"Switch\": \"on\"}, \"QUIC\": {\"Switch\": \"off\"}, \"UpstreamHTTP2\": {\"Switch\": \"off\"}, \"IPv6\": {\"Switch\": \"off\"}, \"WebSocket\": {\"Switch\": \"on\", \"Timeout\": 30}, \"PostMaxSize\": {\"Switch\": \"on\", \"MaxSize\": 838860800}, \"ClientIPHeader\": {\"Switch\": \"off\", \"HeaderName\": \"\"}, \"ClientIPCountry\": {\"Switch\": \"on\", \"HeaderName\": \"EO-Client-IPCountry\"}, \"gRPC\": {\"Switch\": \"off\"}, \"AccelerateMainland\": {\"Switch\": \"off\"}, \"StandardDebug\": {\"Switch\": \"on\", \"AllowClientIPList\": [\"1.2.3.4\"], \"Expires\": \"2023-11-04T04:46:28Z\"}}"
}

Output Example

{
"Response": {
"TaskId": "33mz68e4gwka",
"RequestId": "5e0a2b4e-dw6d-4dsa-ac39-1706cbf8a703"
}
}

Example3 Importing Rule Engine Configuration for Site Layer-7 Acceleration Configuration

This example shows you how to individually import the rule engine configuration for the Layer-7 acceleration configuration under the site zone-m2kplohsdc4b.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ImportZoneConfig
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"Content": "{\"FormatVersion\":\"1.0\",\"Rules\": [{\"RuleName\": \"Unnamed Rule\", \"Branches\": [{\"Condition\": \"${http.request.host} matches \".*\"\", \"Actions\": [{\"Name\": \"UpstreamURLRewrite\", \"Parameters\": {\"Type\": \"Path\",
```

```
\"Action\": \"rmvPrefix\", \"Value\": \"/prefix\"}}], \"SubRules\": [{\"Branches
\": [{\"Condition\": \"${http.request.file_extension} in [\".jpg\"]\", \"Actions
\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"Switch\": \"on\", \"MaxSize\"
: 524288000}}]}]}, {\"Branches\": [{\"Condition\": \"${http.request.file_extensio
n} in [\".png\"]\", \"Actions\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"
Switch\": \"on\", \"MaxSize\": 209715200}}]}]}]}]}]"
}
```


Output Example


```
{
"Response": {
"TaskId": "33mz68e4gwka",
"RequestId": "5e0a2b4e-dw6d-4dsa-ac39-1706cbf8a703"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

DescribeZoneConfigImportResult

Last updated：2024-12-16 16:40:02

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the results of site configuration import via API (ImportZoneConfig). This feature only supports the sites in the plans of the Standard Edition and the Enterprise Edition.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeZoneConfigImportResult.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	It indicates the configuration import task ID for which the result needs to be queried. The import task ID is only retained for 7 days.

3. Output Parameters

Parameter Name	Type	Description
Status	String	The status of this import task. Valid values: • success: It indicates the configuration was successfully imported; • failure: It indicates the configuration import failed; • doing: It indicates the configuration is being imported.
Message	String	The status message of this import task. If the configuration item import fails, you can view the failure cause through this field.
Content	String	The configuration content of this import task.
ImportTime	Timestamp ISO8601	The start time of this import task.
FinishTime	Timestamp ISO8601	The end time of this import task.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Configuration Import Results

This example shows you how to query the import results of the Layer-7 acceleration configuration item under the site zone-21xfqlh4qjee.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeZoneConfigImportResult
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"TaskId": "33mz68e4gwka"
}
```

Output Example

```
{
"Response": {
"RequestId": "88215c08-67de-4c7d-974e-a14461816f5b",
"Status": "success",
"Message": "success",
"Content": "{\"FormatVersion\":\"1.0\",\"ZoneConfig\": {\"SmartRouting\": {\"Switch\": \"off\"}, \"Cache\": {\"CustomTime\": {\"Switch\": \"on\", \"CacheTime\": 604800}}, \"MaxAge\": {\"FollowOrigin\": \"on\", \"CacheTime\": 600}, \"CacheKey\": {\"FullURLCache\": \"off\", \"QueryString\": {\"Switch\": \"on\", \"Action\": \"includeCustom\", \"Values\": [\"key1\", \"key2\"]}, \"IgnoreCase\": \"on\"}, \"CachePrefresh\": {\"Switch\": \"off\", \"CacheTimePercent\": 90}, \"OfflineCache\": {\"Switch\": \"on\"}, \"Compression\": {\"Switch\": \"on\", \"Algorithms\": [\"brotli\", \"gzip\"]}, \"ImageOptimize\": {\"Switch\": \"off\"}, \"ForceRedirectHTTPS\": {\"Switch\": \"on\", \"RedirectStatusCode\": 302}, \"HSTS\": {\"Switch\": \"on\", \"IncludeSubDomains\": \"on\", \"Timeout\": 16070400, \"Preload\": \"on\"}, \"TLSConfig\": {\"CipherSuite\": \"loose-v2023\", \"Version\": [\"TLSv1\", \"TLSv1.1\", \"TLSv1.2\", \"TLSv1.3\"]}, \"OCSPStapling\": {\"Switch\": \"off\"}, \"HTTP2\": {\"Switch\": \"on\"}, \"QUIC\": {\"Switch\": \"off\"}, \"UpstreamHTTP2\": {\"Switch\": \"off\"}, \"IPv6\": {\"Switch\": \"off\"}, \"WebSocket\": {\"Switch\": \"on\", \"Timeout\": 30}, \"PostMaxSize\": {\"Switch\": \"on\", \"MaxSize\": 838860800}, \"ClientIPHeader\": {\"Switch\": \"off\", \"HeaderName\": \"\"}, \"ClientIPCountry\": {\"Switch\": \"on\", \"HeaderName\": \"EO-Client-IPCountry\"}, \"gRPC\": {\"Switch\": \"off\"}, \"AccelerateMainland\": {\"Switch\": \"off\"}, \"StandardDebug\": {\"Switch\": \"on\", \"AllowClientIPList\": [\"1.2.3.4\"], \"Expires\": \"2023-11-04T04:46:28Z\"}}, \"Rules\": [{\"RuleName\": \"Unnamed Rule\", \"Branches\": [{\"Condition\": \"${http.request.host} matches \".*\"\", \"Actions\": [{\"Name\": \"UpstreamURLRewrite\", \"Parameters\": {\"Type\": \"Path\", \"Action\": \"rmvPrefix\", \"Value\": \"/prefix\"}}], \"SubRules\": [{\"Branches\": [{\"Condition\": \"${http.request.file_extension} in [\".jpg\"]\", \"Actions\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"Switch\": \"on\", \"MaxSize\": 524288000}}]}]}, {\"Branches\": [{\"Condition\": \"${http.request.file_extension} in [\".png\"]\", \"Actions\": [{\"Name\": \"PostMaxSize\", \"Parameters\": {\"Switch\": \"on\", \"MaxSize\": 209715200}}]}]}]}]}]}",
"ImportTime": "2024-10-13T23:58:00+08:00",
"FinishTime": "2024-10-13T23:59:00+08:00"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Acceleration Domain Management APIs
CreateAccelerationDomain

Last updated：2025-06-20 10:58:48

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create an acceleration domain name.

For sites connected via the CNAME, if you have not verified the ownership of the domain name, the ownership verification information of the domain name is returned. To verify your ownership of the domain name, see Ownership Verification.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateAccelerationDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the acceleration domain name.
DomainName	Yes	String	Acceleration domain name
OriginInfo	Yes	OriginInfo	Details of the origin.

OriginProtocol	No	String	Origin-pull protocol configuration. Values: • `FOLLOW` : Follow the protocol of origin • `HTTP` : Send requests to the origin over HTTP • `HTTPS` : Send requests to the origin over HTTPS • Default: `FOLLOW`
HttpOriginPort	No	Integer	Ports for HTTP origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTP` . Port 80 is used if it's not specified.
HttpsOriginPort	No	Integer	Ports for HTTPS origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTPS` . Port 443 is used if it's not specified.
IPv6Status	No	String	IPv6 status. Values: • `follow` : Follow the IPv6 configuration of the site • `on` : Enable • `off` : Disable • Default: `follow`

3. Output Parameters

Parameter Name	Type	Description
OwnershipVerification	OwnershipVerification	Use the information returned by this parameter to verify the ownership of a domain name. For details, see Ownership Verification. Note: This field may return·null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an Acceleration Domain Name for a Domain-Name Origin Server

This example shows you how to create an acceleration domain name for a domain-name origin server.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAccelerationDomain
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"DomainName": "qq.com",
"OriginInfo": {
"OriginType": "ip_domain",
"Origin": "www.test.com"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Creating an Acceleration Domain Name for an AWS S3 Origin Server

This example shows you how to create an acceleration domain name for an AWS S3 origin server, with private network access enabled and authentication algorithm set to AWS Signature Version 2.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAccelerationDomain
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"DomainName": "qq.com",
"OriginInfo": {
"OriginType": "AWS_S3",
"Origin": "test.s3.ap-east-1.amazonaws.com",
"PrivateAccess": "on",
```

```
"PrivateParameters": [
{
"Name": "AccessKeyId",
"Value": "AKID**********************************************"
},
{
"Name": "SecretAccessKey",
"Value": "nMirpdWhhT6bxPsaFwYM1SzQrTest"
},
{
"Name": "SignatureVersion",
"Value": "v2"
},
{
"Name": "Region",
"Value": "ap-east-1"
}
]
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.ConflictHostOrigin	The origin cannot be the same as the domain name.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.InvalidAccelerateType	Parameter error.
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-party object storage.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidClientIpOrigin	Invalid origin for region-specific origin-pull.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidPrivateAccessParams	AccessKeyId and SecretAccessKey are required to access the third-party object storage.
InvalidParameter.InvalidPrivateAccessSwitch	The value of `PrivateAccess` should be `on` or `off`.
InvalidParameter.InvalidQuicBilling	The plan does not support QUIC.
InvalidParameter.InvalidServerName	Invalid origin domain.

InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.SpaceNotBindOrigin	Shield Space is not bound with an origin.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameterValue.ConflictRecord	It conflicts with existing records.
InvalidParameterValue.ConflictWithDNSSEC	DNS records conflict with DNSSEC.
InvalidParameterValue.ConflictWithDomain	The DNS record conflicts with acceleration domain name record.
InvalidParameterValue.ConflictWithNSRecord	This DNS record conflicts with NS records.
InvalidParameterValue.ContentSameAsName	The host record cannot be the same as the record value.
InvalidParameterValue.DomainNotMatchZone	The specified domain name does not match the site.
InvalidParameterValue.InvalidDNSContent	Incorrect DNS record.
InvalidParameterValue.InvalidDNSName	Incorrect DNS record name.
InvalidParameterValue.InvalidDomainName	Invalid accelerated domain name. It can contain [0-9], [A-Z], [a-z] and [-]. It cannot start or end with "-".
InvalidParameterValue.InvalidProxyOrigin	Incorrect DNS proxy
InvalidParameterValue.OriginGroupNotExists	The specified origin group does not exist.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.

OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.InvalidAdvancedDefenseZoneArea	The acceleration regions of the site must be in the Chinese mainland when you enable the DDoS Protection.
OperationDenied.LoadBalanceStatusNotInOnline	The affiliated Cloud Load Balancer is not in a running state. Operation is forbidden.
OperationDenied.RecordIsForbidden	The DNS record cannot be added.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceInUse.DnsRecord	The domain name is being resolved. If you need to enable acceleration, please go to DNS Records.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable.DomainAlreadyExists	The domain name is already connected to EdgeOne by another account. Please retrieve it first in order to add it.
ResourcesSoldOut.L7LackOfResources	
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeAccelerationDomains

Last updated：2025-06-20 10:58:48

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query domain name information of a site, including the acceleration domain name, origin, and domain name status. You can query the information of all domain names, or specific domain names by specifying filters information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAccelerationDomains.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the acceleration domain name.
Offset	No	Integer	Offset for paginated queries. Default value: 0.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 200.
Filters.N	No	Array of AdvancedFilter	Filter criteria. The maximum number of Filters.Values is 20. If this parameter is not input, all domain name information under

			the current zone-id will be returned. The detailed filter criteria are as follows: • domain-name: Filter by acceleration domain name; • origin-type: Filter by origin server type; • origin: Filter by primary origin server address; • backup-origin: Filter by replica origin server address; • domain-cname: Filter by CNAME; • share-cname: Filter by shared CNAME.
Order	No	String	Sort the returned results according to this field. Values include: • `created_on` : Creation time of the acceleration domain name • `domain-name` : (Default) Acceleration domain name.
Direction	No	String	Sort direction. If the field value is number, sort by the numeric value. If the field value is text, sort by the ascill code. Values include: • `asc` : Ascending order. • `desc` : Descending order. Default value: `asc` .
Match	No	String	The match mode. Values: • `all` : Return all matches. • `any` : Return any match. Default value: `all` .

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total of matched alias domain names.
AccelerationDomains	Array of AccelerationDomain	Information of all matched acceleration domain names
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Information of Domain Names Under a Specified Site

This example shows you how to query the information of all acceleration domain names with the origin server type of IP_DOMAIN under the specified zone-id, and sort the results in descending order by creation time.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAccelerationDomains
<Common request parameters>

{
"ZoneId": "zone-20hyebgyfsko",
"Filters": [
{
"Fuzzy": true,
"Values": [
"IP_DOMAIN"
],
"Name": "origin-type"
}
],
"Direction": "desc",
"Order": "created_on",
"Match": "all"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"AccelerationDomains": [
{
"ZoneId": "zone-20hyebgyfsko",
"DomainName": "www.qq.com",
"DomainStatus": "online",
"OriginDetail": {
"OriginType": "IP_DOMAIN",
"Origin": "origin.qq.com",
"BackupOrigin": "",
"PrivateParameters": [],
"PrivateAccess": "",
"OriginGroupName": "",
```

```
"BackOriginGroupName": ""
},
"Certificate": {
"Mode": "sslcert",
"List": [
{
"CertId": "J2JqATrsx"
}
],
"ClientCertInfo": {
"Switch": "on",
"CertInfos": [
{
"CertId": "J2JqATrsx"
}
]
},
"UpstreamCertInfo": {
"UpstreamMutualTLS": {
"Switch": "on",
"CertInfos": [
{
"CertId": "J2JqATrsx"
}
]
}
}
},
"IdentificationStatus": "finished",
"Cname": "www.qq.com.eo.dnse3.com",
"CreatedOn": "2020-09-22T00:00:00+00:00",
"ModifiedOn": "2020-09-22T00:00:00+00:00"
}
],
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.DomainOnTrafficScheduling	Traffic scheduling is already enabled for the current domain name.
InvalidParameter.TooManyFilterValues	Too many filter values.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyAccelerationDomain

Last updated：2025-06-20 10:58:47

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify an accelerated domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAccelerationDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the accelerated domain name.
DomainName	Yes	String	Accelerated domain name
OriginInfo	No	OriginInfo	Details of the origin.
OriginProtocol	No	String	Origin-pull protocol configuration. Values: • `FOLLOW` : Follow the protocol of origin • `HTTP` : Send requests to the origin over HTTP • `HTTPS` : Send requests to the origin over HTTPS • The original configuration applies if this field is not specified.

HttpOriginPort	No	Integer	Ports for HTTP origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTP`. The original configuration is used if it's not specified.
HttpsOriginPort	No	Integer	Ports for HTTPS origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTPS`. The original configuration is used if it's not specified.
IPv6Status	No	String	IPv6 status. Values: • `follow`: Follow the IPv6 configuration of the site • `on`: Enable • `off`: Disable • The original configuration applies if this field is not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an accelerated domain name

POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAccelerationDomains

{
"DomainName":"qq.com",
"ZoneId":"zone-225qgrnvbi9w",
"OriginInfo":{
"OriginType":"ip_domain",
"Origin":"qq.com"
}
}

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAccelerationDomain
<Common request parameters>

{
"DomainName": "example.com",
"ZoneId": "zone-225qgrnvbi9w",
"OriginInfo": {
"OriginType": "ip_domain",
"Origin": "qq.com",
"BackupOrigin": ""
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.SystemError	Internal system error.
InvalidParameter.ConflictHostOrigin	The origin cannot be the same as the domain name.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidAwsSecretKey	Invalid third-party object storage.
InvalidParameter.InvalidClientIpOrigin	Invalid origin for region-specific origin-pull.
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidPrivateAccessParams	AccessKeyId and SecretAccessKey are required to access the third-party object storage.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.OriginIsInnerIp	The origin address cannot be a private IP address.
InvalidParameter.SpaceNotBindOrigin	Shield Space is not bound with an origin.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameterValue.ConflictRecord	It conflicts with existing records.

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InvalidParameterValue.DomainNotMatchZone	The specified domain name does not match the site.
InvalidParameterValue.InvalidDomainStatus	Invalid domain name. Please check the status.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceInUse.DnsRecord	The domain name is being resolved. If you need to enable acceleration, please go to DNS Records.
ResourceUnavailable.DomainNotFound	The requested accelerated domain name doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyAccelerationDomainStatuses

Last updated：2025-02-19 19:33:44

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to batch modify the status of accelerated domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAccelerationDomainStatuses.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the accelerated domain name.
DomainNames.N	Yes	Array of String	List of accelerated domain names to be modified.
Status	Yes	String	Status of the accelerated domain name. Values: • `online` : Enabled • `offline` : Disabled
Force	No	Boolean	Whether to force suspension when the domain name has associated resources (such as alias domain names and traffic scheduling policies). Values:

			• `true` : Suspend the domain name and all associated resources. • `true` : Do not suspend the domain name and all associated resources. Default value: `false` .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch modifying the status of accelerated domains

The following example shows how to disable a specified acceleration domain name.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAccelerationDomainStatuses
<Common request parameters>
{
"DomainNames": [
"example.com"
],
"ZoneId": "zone-225qgrnvbi9w",
"Status": "offline",
"Force": "false"
}
```

Output Example

```
{
"Response": {
```

```
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.SystemError	Internal system error.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.InvalidErrorPage	Invalid custom error page.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.

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InvalidParameterValue.DomainNotMatchZone	The specified domain name does not match the site.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceInUse	The resource is occupied.
ResourceUnavailable.DomainNotFound	The requested accelerated domain name doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteAccelerationDomains

Last updated：2025-02-19 19:33:46

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to batch remove accelerated domain names.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteAccelerationDomains.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the accelerated domain name.
DomainNames.N	Yes	Array of String	List of accelerated domain names to be deleted.
Force	No	Boolean	Whether to forcibly delete a domain name if it is associated with resources (such as alias domain names and traffic scheduling policies). • `true` : Delete the domain name and all associated resources. • `false` : Do not delete the domain name and all associated resources.

			If it's not specified, the default value `false` is used.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch removing accelerated domains

The following example shows you how to remove domain names under a specified site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteAccelerationDomains
<Common request parameters>

{
"DomainNames": [
"qq.com"
],
"ZoneId": "zone-225qgrnvbi9w"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameter.ZoneNotFound	The site does not exist.
InvalidParameterValue.InvalidDomainStatus	Invalid domain name. Please check the status.
OperationDenied	Operation denied.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.

ResourceUnavailable.DomainNotFound	The requested accelerated domain name doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

CreateSharedCNAME

Last updated：2025-02-19 19:33:46

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a shared CNAME. It is now only available to beta users.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateSharedCNAME.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to which the shared CNAME belongs.
SharedCNAMEPrefix	Yes	String	Shared CNAME prefix. Enter a valid domain name prefix, such as "test-api" and "test-api.com". A maximum of 50 characters are allowed. Complete format of the shared CNAME: '+<A 12-character random string in ZoneId>+share.dnse[0-5].com'. For example, if the prefix is example.com, EdgeOne will create the shared CNAME: example.com.sai2ig51kaa5.share.dnse2.com.

Description	No	String	Description. It supports 1-50 characters.

3. Output Parameters

Parameter Name	Type	Description
SharedCNAME	String	Shared CNAME. Format: '+<A 12-character random string in ZoneId>+share.dnse[0-5].com'.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a shared CNAME

This example shows you how to create a shared CNAME under the site `zone-225qgrnvbi9w` with the prefix of `test` and description of `For Service A`.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateSharedCNAME
<Common request parameters>

{
"SharedCNAMEPrefix": "test",
"ZoneId": "zone-225qgrnvbi9w",
"Description": "For Service A"
}
```

Output Example

```
{
"Response": {
"SharedCNAME": "test.225qgrnvbi9w.share.dnse1.com",
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
```

```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameterValue.NotAllowedWildcardSharedCNAME	Wildcard domain CNAMEs are not supported.
InvalidParameterValue.SharedCNAMEPrefixNotMatch	Enter a valid shared CNAME prefix of up to 50 characters.
LimitExceeded	The quota limit has been reached.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
ResourceUnavailable.SharedCNAMEAlreadyExists	The shared CNAME is used by others.

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BindSharedCNAME

Last updated：2025-02-19 19:33:47

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to bind/unbind a domain name to/from a shared CNAME. It is now only available to beta users.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindSharedCNAME.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the acceleration domain name.
BindType	Yes	String	Action type. Values: • `bind` : To bind • `unbind` : To unbind
BindSharedCNAMEMaps.N	Yes	Array of BindSharedCNAMEMap	Bindings between domain names and a shared CNAME

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Binding with a shared CNAME

In this example, we bind the domain names `a.qq.com` and `b.qq.com` under the site `zone-225qgrnvbi9w` to the shared CNAME `qq.com.sai2ig51kaa5.share.dnse5.com`, and bind the domain names `api.qq.com` and `img.qq.com` to the shared CNAME `config.qq.com.sai2ig51kaa5.share.dnse5.com`.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindSharedCNAME
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"BindType": "bind",
"BindSharedCNAMEMaps": [
{
"SharedCNAME": "qq.com.sai2ig51kaa5.share.dnse5.com",
"DomainNames": [
"a.qq.com",
"b.qq.com"
]
},
{
"SharedCNAME": "config.qq.com.sai2ig51kaa5.share.dnse5.com",
"DomainNames": [
"api.qq.com",
"img.qq.com"
]
```

```
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Unbinding from a shared CNAME

In this example, we unbind the domain name `a.qq.com` under the site `zone-225qgrnvbi9w` from the shared CNAME `qq.com.sai2ig51kaa5.share.dnse5.com` .

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindSharedCNAME
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"BindType": "unbind",
"BindSharedCNAMEMaps": [
{
"SharedCNAME": "qq.com.sai2ig51kaa5.share.dnse5.com",
"DomainNames": [
"a.qq.com"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-5d3a-ac39-1706cbf8a708"
```

```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.

DeleteSharedCNAME

Last updated：2025-02-19 19:33:46

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a shared CNAME. It is now only available to beta users.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteSharedCNAME.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to which the shared CNAME belongs.
SharedCNAME	Yes	String	The shared CNAME to be deleted

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a shared CNAME

This example deletes the share CNAME `qq.com.225qgrnvbi9w.share.dnse5.com` under the site `zone-225qgrnvbi9w` .

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteSharedCNAME
<Common request parameters>

{
"SharedCNAME": "qq.com.225qgrnvbi9w.share.dnse5.com",
"ZoneId": "zone-225qgrnvbi9w"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceInUse.SharedCNAME	Unable to delete the shared CNAME: It is bound to an acceleration domain name. Please remove the binding first.

Site Acceleration Configuration APIs
CreateL7AccRules

Last updated：2025-02-19 19:34:21

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create rules in the rule engine. Batch creation is supported.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateL7AccRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
Rules.N	Yes	Array of RuleEngineItem	The rule content.

3. Output Parameters

Parameter Name	Type	Description
RuleIds	Array of String	Rule id list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating Layer-7 Acceleration Rule

This example shows you how to create a layer-7 acceleration rule.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL7AccRules
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali12",
"Rules": [
{
"RuleName": "Test Rule",
"Status": "disable",
"Description": [
"Note 1",
"Annotation 2"
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ModifyOrigin",
"ModifyOriginParameters": {
```

```
"OriginType": "IPDomain",
"Origin": "1.1.1.1",
"OriginProtocol": "follow",
"HTTPOriginPort": 80,
"HTTPSOriginPort": 443
}
}
],
"SubRules": [
{
"Description": [
"Node Cache TTL Example"
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "Cache",
"CacheParameters": {
"FollowOrigin": {
"Switch": "on",
"DefaultCache": "on",
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0
}
}
}
]
}
]
},
{
"Description": [
"Browser Cache TTL Example"
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "MaxAge",
"MaxAgeParameters": {
"FollowOrigin": "off",
"CacheTime": 0
}
}
```

```
]
}
]
},
{
"Description": [
Custom `CacheKey` example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "CacheKey",
"CacheKeyParameters": {
"FullURLCache": "off",
"QueryString": {
"Switch": "on",
"Action": "includeCustom",
"Values": [
"name1",
"name2"
]
},
"IgnoreCase": "on",
"Header": {
"Switch": "on",
"Values": [
"EO-Client-Device",
"EO-Client-OS"
]
},
"Scheme": "on",
"Cookie": {
"Switch": "off"
}
}
}
]
}
]
},
{
"Description": [
Status Code Cache TTL example
],
"Branches": [
```

```
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "StatusCodeCache",
"StatusCodeCacheParameters": {
"StatusCodeCacheParams": [
{
"StatusCode": 400,
"CacheTime": 4
},
{
"StatusCode": 401,
"CacheTime": 180
},
{
"StatusCode": 403,
"CacheTime": 7200
},
{
"StatusCode": 404,
"CacheTime": 86400
}
]
}
}
]
}
]
},
{
"Description": [
Cache Prefresh Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "CachePrefresh",
"CachePrefreshParameters": {
"Switch": "on",
"CacheTimePercent": 80
}
}
]
}
```

```
]
},
{
"Description": [
Offline Cache Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OfflineCache",
"OfflineCacheParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
HTTP2 Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HTTP2",
"HTTP2Parameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
QUIC Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
```

```
"Name": "QUIC",
"QUICParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
WebSocket Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "WebSocket",
"WebSocketParameters": {
"Switch": "on",
"Timeout": 30
}
}
]
}
]
},
{
"Description": [
Maximum Upload Size Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "PostMaxSize",
"PostMaxSizeParameters": {
"Switch": "on",
"MaxSize": 524288000
}
}
]
}
]
},
```

```
{
"Description": [
Smart Compression Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "Compression",
"CompressionParameters": {
"Switch": "on",
"Algorithms": [
"gzip"
]
}
}
]
}
]
},
{
"Description": [
Intelligent Acceleration Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "SmartRouting",
"SmartRoutingParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
HTTP/2 Origin-Pull Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
```

```
{
"Name": "UpstreamHTTP2",
"UpstreamHTTP2Parameters": {
"Switch": "off"
}
}
]
}
]
},
{
"Description": [
Origin-Pull Timeout Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HTTPUpstreamTimeout",
"HTTPUpstreamTimeoutParameters": {
"ResponseTimeout": 15
}
}
]
}
]
},
{
"Description": [
Forced HTTPS Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ForceRedirectHTTPS",
"ForceRedirectHTTPSParameters": {
"Switch": "on",
"RedirectStatusCode": 302
}
}
]
}
]
},
```

```
{
"Description": [
<HSTS Example>
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HSTS",
"HSTSParameters": {
"Switch": "on",
"Timeout": 1000,
"IncludeSubDomains": "on",
"Preload": "on"
}
}
]
}
]
},
{
"Description": [
SSL/TLS Security Configuration Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "TLSConfig",
"TLSConfigParameters": {
"Version": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"CipherSuite": "loose-v2023"
}
}
]
}
]
},
{
"Description": [
```

```
OCSP Stapling Example
Following Origin Redirects Example
Example of redirection during origin pull
Custom error page example
"Range Back-to-Origin Example"
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OCSPStapling",
"OCSPStaplingParameters": {
"Switch": "on"
}
},
{
"Name": "UpstreamRequest",
"UpstreamRequestParameters": {
"QueryString": {
"Switch": "on",
"Action": "includeCustom",
"Values": [
"name1",
"name2"
]
},
"Cookie": {
"Switch": "on",
"Action": "full"
}
}
},
{
"Name": "UpstreamFollowRedirect",
"UpstreamFollowRedirectParameters": {
"Switch": "on",
"MaxTimes": 3
}
},
{
"Name": "ErrorPage",
"ErrorPageParameters": {
"ErrorPageParams": [
{
"StatusCode": 400,
"RedirectURL": "http://www.test-v.com/custom-page.html"
```

```
},
{
"StatusCode": 403,
"RedirectURL": "http://www.test-v.com/custom-page1.html"
}
]
}
},
{
"Name": "RangeOriginPull",
"RangeOriginPullParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
Origin pull over HTTPS example
Example of Modifying HTTP Request Headers
Host Header Rewrite Example
Access URL Redirection Example
Token Authentication Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OriginPullProtocol"
},
{
"Name": "ModifyRequestHeader",
"ModifyRequestHeaderParameters": {
"HeaderActions": [
{
"Action": "add",
"Name": "EO-Client-Browser"
},
{
"Action": "del",
"Name": "EO-Client-Device"
},
{
"Action": "set",
```

```
"Name": "EO-Client-OS"
}
]
}
},
{
"Name": "HostHeader",
"HostHeaderParameters": {
"Action": "followOrigin"
}
},
{
"Name": "AccessURLRedirect",
"AccessURLRedirectParameters": {
"StatusCode": 302,
"Protocol": "follow",
"HostName": {
"Action": "follow"
},
"URLPath": {
"Action": "follow"
},
"QueryString": {
"Action": "full"
}
}
},
{
"Name": "Authentication",
"AuthenticationParameters": {
"AuthType": "TypeA",
"Timeout": 5,
"SecretKey": "BCChgIM4o0k08Uk0Jgi3f27ir3",
"BackupSecretKey": "3deJ7O6CsqlIk",
"AuthParam": "test123QQ"
}
}
]
}
]
},
{
"Description": [
Modifying HTTP Node Response Headers Example
Client IP Header Example
"Client IP Geo Location header example",
"HTTP response example",
```

```
"Origin-Pull URL rewrite example",
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ModifyResponseHeader",
"ModifyResponseHeaderParameters": {
"HeaderActions": [
{
"Action": "add",
"Name": "Access-Control-Allow-Methods",
"Value": "POST,GET"
},
{
"Action": "set",
"Name": "Access-Control-Allow-Origin",
"Value": "http://test.com,http://1.1.1.1"
},
{
"Action": "del",
"Name": "Content-Disposition"
}
]
}
},
{
"Name": "ClientIPHeader",
"ClientIPHeaderParameters": {
"Switch": "on",
"HeaderName": "test"
}
},
{
"Name": "ClientIPCountry",
"ClientIPCountryParameters": {
"Switch": "on",
"HeaderName": "EO-Client-IPCountry"
}
},
{
"Name": "HttpResponse",
"HttpResponseParameters": {
"StatusCode": 400,
"ResponsePage": "p-30tcxgl8i0ls"
}
```

```
},
{
"Name": "UpstreamURLRewrite",
"UpstreamURLRewriteParameters": {
"Type": "Path",
"Action": "addPrefix",
"Value": "/prefix"
}
}
]
}
]
}
]
}
]
}
]
}
```


Output Example


```
{
"Response": {
"RuleIds": [
"rule-sjuq23"
],
"RequestId": "811d2583-310c-41f4-b5e7-abe407404sxsd"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.SystemError	Internal system error.
InvalidParameter.AccessRedirectRegexError	The regex is not in the standard RE2 format.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.ErrActionUnsupportTarget	The current conditions do

	not support the requested operation.
InvalidParameter.ErrInvalidAction	Invalid operation.
InvalidParameter.ErrInvalidActionOriginPrivateAddress	Invalid rule engine operation. The origin server IP cannot be a private network IP or loopback address.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamAction	Invalid parameter "action".
InvalidParameter.ErrInvalidActionParamBadValueType	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid parameter: Duplicate parameter names.
InvalidParameter.ErrInvalidActionParamName	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action type.

InvalidParameter.ErrInvalidCondition	Invalid conditions.
InvalidParameter.ErrInvalidConditionCannotOnlyContainHostWhenModifyOriginActionConfigured	The operations of modifying the origin server cannot be onl to configure host matching type.
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid condition: The letter case is ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid condition: Invalid parameter name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid condition: The match type is not supported by this parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid condition: Invalid regula expression fo the parameter value.
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid parameter value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.

InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid parameter value: File extension is not allowed.
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyRegular	The condition has too many regular expressions.
InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid condition: Too many wildcards in the parameter
InvalidParameter.ErrInvalidConditionValueZeroLength	Invalid condition: The parameter value is 0.
InvalidParameter.ErrNilCondition	Empty condition.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.HostNotFound	The domain name does

	not exist.
InvalidParameter.InvalidAuthentication	Invalid token authenticatior
InvalidParameter.InvalidAuthenticationTypeExpireTime	Invalid token authenticatior expiration time.
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authenticatior parameter.
InvalidParameter.InvalidAwsRegion	Invalid region Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidBackupServerName	Invalid secondary origin domain
InvalidParameter.InvalidCacheConfigCache	Invalid node cache.
InvalidParameter.InvalidCacheKey	Invalid cache key.
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query string.
InvalidParameter.InvalidCacheTime	Invalid node cache validity
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package does not

	support Smar Acceleration.
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custon error page.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid request header x-forwarded-for
InvalidParameter.InvalidRequestHeaderValue	Invalid request header.
InvalidParameter.InvalidResponseHeaderName	Invalid

	response header.
InvalidParameter.InvalidResponseHeaderValue	Invalid response header.
InvalidParameter.InvalidRuleEngineAction	Invalid rule engine operation.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file extension in the rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL ir the rule engine condition.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiratior time is exceeded.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull request configuration error: Invalid query string.
InvalidParameter.InvalidUrlRedirect	Invalid URL rewrite.
InvalidParameter.InvalidUrlRedirectHost	Invalid target host in the URL rewriting rule.

InvalidParameter.InvalidUrlRedirectUrl	The target URL for URL rewrite is invalid.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache key.
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Load Balance instance ID is required in the operation of modifying the origin server.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.OriginOriginGroupIdIsRequired	The origin group ID is required.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.TaskSystemError	Internal error.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required

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	configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.
InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing domain feature under the current site conflicts with the Chinese mainland network optimization, and cannot be configured at the same time
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled.

	Please enable it and try again.
OperationDenied.InvalidAdvancedDefenseSecurityType	The security service must be enabled when you enable the DDoS Protection.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

DescribeL7AccRules

Last updated：2025-02-19 19:34:18

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the rule list of the rule engine (https://www.tencentcloud.com/document/product/1552/70901?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeL7AccRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
Filters.N	No	Array of Filter	Filter conditions. the upper limit for filters.values is 20. if this parameter is not filled in, the rules under the site are returned in order by default. detailed filtering conditions are as follows:. • Rule-Id: filter by rule id. .
Limit	No	Integer	Number limit of paginated query. default value: 20. maximum value: 1000.

Offset	No	Integer	Offset of paginated query. default value: 0.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of rules.
Rules	Array of RuleEngineItem	Rule list. rules are executed in top-down order. for details, refer to rule priority. Note: this field may return null, which indicates a failure to obtain a valid value.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query the Rule List In the Rule Engine

Query the rule list in the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL7AccRules
<Common request parameters>

{
"ZoneId": "zone-27q0p0lali12"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03",
```

```
"Rules": [
{
"RuleName": "Test Rule",
"Status": "disable",
"RuleId": "rule-djuq23",
"Description": [
"Annotation 1",
"Annotation 2",
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ModifyOrigin",
"ModifyOriginParameters": {
"OriginType": "IPDomain",
"Origin": "1.1.1.1",
"OriginProtocol": "follow",
"HTTPOriginPort": 80,
"HTTPSOriginPort": 443
}
}
],
"SubRules": [
{
"Description": [
Node Cache TTL Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "Cache",
"CacheParameters": {
"FollowOrigin": {
"Switch": "on",
"DefaultCache": "on",
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0
}
}
}
]
}
]
```

```
},
{
"Description": [
Browser Cache TTL Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "MaxAge",
"MaxAgeParameters": {
"FollowOrigin": "off",
"CacheTime": 0
}
}
]
}
]
},
{
"Description": [
Custom `CacheKey` Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "CacheKey",
"CacheKeyParameters": {
"FullURLCache": "off",
"QueryString": {
"Switch": "on",
"Action": "includeCustom",
"Values": [
"name1",
"name2"
]
},
"IgnoreCase": "on",
"Header": {
"Switch": "on",
"Values": [
"EO-Client-Device",
"EO-Client-OS"
]
```

```
},
"Scheme": "on",
"Cookie": {
"Switch": "off"
}
}
}
]
}
]
},
{
"Description": [
Status Code Cache TTL Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "StatusCodeCache",
"StatusCodeCacheParameters": {
"StatusCodeCacheParams": [
{
"StatusCode": 400,
"CacheTime": 4
},
{
"StatusCode": 401,
"CacheTime": 180
},
{
"StatusCode": 403,
"CacheTime": 7200
},
{
"StatusCode": 404,
"CacheTime": 86400
}
]
}
}
]
}
]
},
{
```

```
"Description": [
Cache Prefresh Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "CachePrefresh",
"CachePrefreshParameters": {
"Switch": "on",
"CacheTimePercent": 80
}
}
]
}
]
},
{
"Description": [
Offline Cache Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OfflineCache",
"OfflineCacheParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
HTTP/2 Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HTTP2",
"HTTP2Parameters": {
```

```
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
"QUIC Example"
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "QUIC",
"QUICParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
WebSocket Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "WebSocket",
"WebSocketParameters": {
"Switch": "on",
"Timeout": 30
}
}
]
}
]
},
{
"Description": [
Maximum Upload Size Example
```

```
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "PostMaxSize",
"PostMaxSizeParameters": {
"Switch": "on",
"MaxSize": 524288000
}
}
]
}
]
},
{
"Description": [
Smart Compression Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "Compression",
"CompressionParameters": {
"Switch": "on",
"Algorithms": [
"gzip"
]
}
}
]
}
]
},
{
"Description": [
Smart Acceleration Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "SmartRouting",
```

```
"SmartRoutingParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
HTTP/2 Origin-Pull Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "UpstreamHTTP2",
"UpstreamHTTP2Parameters": {
"Switch": "off"
}
}
]
}
]
},
{
"Description": [
Origin-Pull Timeout Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HTTPUpstreamTimeout",
"HTTPUpstreamTimeoutParameters": {
"ResponseTimeout": 15
}
}
]
}
]
},
{
"Description": [
Forced HTTPS Example
```

```
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ForceRedirectHTTPS",
"ForceRedirectHTTPSParameters": {
"Switch": "on",
"RedirectStatusCode": 302
}
}
]
}
]
},
{
"Description": [
<HSTS Example>
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HSTS",
"HSTSParameters": {
"Switch": "on",
"Timeout": 1000,
"IncludeSubDomains": "on",
"Preload": "on"
}
}
]
}
]
},
{
"Description": [
SSL/TLS Security Configuration Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "TLSConfig",
```

```
"TLSConfigParameters": {
"Version": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"CipherSuite": "loose-v2023"
}
}
]
}
]
},
{
"Description": [
OCSP Stapling Example
Origin-Pull Request Parameter Configuration Example
Redirection during Origin Pull Example
Custom Error Page Example
Example of Range Back-to-Origin
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OCSPStapling",
"OCSPStaplingParameters": {
"Switch": "on"
}
},
{
"Name": "UpstreamRequest",
"UpstreamRequestParameters": {
"QueryString": {
"Switch": "on",
"Action": "includeCustom",
"Values": [
"name1",
"name2"
]
},
"Cookie": {
"Switch": "on",
"Action": "full"
}
```

```
}
},
{
"Name": "UpstreamFollowRedirect",
"UpstreamFollowRedirectParameters": {
"Switch": "on",
"MaxTimes": 3
}
},
{
"Name": "ErrorPage",
"ErrorPageParameters": {
"ErrorPageParams": [
{
"StatusCode": 400,
"RedirectURL": "http://www.test-v.com/custom-page.html"
},
{
"StatusCode": 403,
"RedirectURL": "http://www.test-v.com/custom-page1.html"
}
]
}
},
{
"Name": "RangeOriginPull",
"RangeOriginPullParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
Origin-pull HTTPS example
Example of Modifying HTTP Request Headers
Host Header Rewrite example
Access URL Redirection example
Token Authentication example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
```

```
"Name": "OriginPullProtocol"
},
{
"Name": "ModifyRequestHeader",
"ModifyRequestHeaderParameters": {
"HeaderActions": [
{
"Action": "add",
"Name": "EO-Client-Browser"
},
{
"Action": "del",
"Name": "EO-Client-Device"
},
{
"Action": "set",
"Name": "EO-Client-OS"
}
]
}
},
{
"Name": "HostHeader",
"HostHeaderParameters": {
"Action": "followOrigin"
}
},
{
"Name": "AccessURLRedirect",
"AccessURLRedirectParameters": {
"StatusCode": 302,
"Protocol": "follow",
"HostName": {
"Action": "follow"
},
"URLPath": {
"Action": "follow"
},
"QueryString": {
"Action": "full"
}
}
},
{
"Name": "Authentication",
"AuthenticationParameters": {
"AuthType": "TypeA",
```

```
"Timeout": 5,
"SecretKey": "BCChgIM4o0k08Uk0Jgi3f27ir3",
"BackupSecretKey": "3deJ7O6CsqlIk",
"AuthParam": "test123QQ"
}
}
]
}
]
},
{
"Description": [
"Modifying HTTP Node Response Headers Example"
Client IP Header Example
Client IP Geographical Location Header Example
HTTP Response Example
Origin-Pull URL Rewrite Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ModifyResponseHeader",
"ModifyResponseHeaderParameters": {
"HeaderActions": [
{
"Action": "add",
"Name": "Access-Control-Allow-Methods",
"Value": "POST,GET"
},
{
"Action": "set",
"Name": "Access-Control-Allow-Origin",
"Value": "http://test.com,http://1.1.1.1"
},
{
"Action": "del",
"Name": "Content-Disposition"
}
]
}
},
{
"Name": "ClientIPHeader",
"ClientIPHeaderParameters": {
"Switch": "on",
```

```
"HeaderName": "test"
}
},
{
"Name": "ClientIPCountry",
"ClientIPCountryParameters": {
"Switch": "on",
"HeaderName": "EO-Client-IPCountry"
}
},
{
"Name": "HttpResponse",
"HttpResponseParameters": {
"StatusCode": 400,
"ResponsePage": "p-30tcxgl8i0ls"
}
},
{
"Name": "UpstreamURLRewrite",
"UpstreamURLRewriteParameters": {
"Type": "Path",
"Action": "addPrefix",
"Value": "/prefix"
}
}
]
}
]
}
]
}
]
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python

- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

ModifyL7AccRule

Last updated：2025-02-19 19:34:16

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify rules in the rule engine, supporting only one rule modification per request.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL7AccRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
Rule	Yes	RuleEngineItem	Rules to be modified. you can first obtain the ruleid of the rule to be modified through the describel7accrules api, then pass in the modified rule content. the original rule content will be updated in an overriding manner.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Rules

Modify the content of a single rule in the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL7AccRule
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali12",
"Rule": {
"RuleId": "rule-djuq23",
"RuleName": "Test Rule",
"Status": "disable",
"Description": [
"Note 1",
Annotation 2
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ModifyOrigin",
"ModifyOriginParameters": {
"OriginType": "IPDomain",
"Origin": "1.1.1.1",
"OriginProtocol": "follow",
"HTTPOriginPort": 80,
"HTTPSOriginPort": 443
}
}
```

```
],
"SubRules": [
{
"Description": [
Node Cache TTL Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "Cache",
"CacheParameters": {
"FollowOrigin": {
"Switch": "on",
"DefaultCache": "on",
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0
}
}
}
]
}
]
},
{
"Description": [
Browser Cache TTL Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "MaxAge",
"MaxAgeParameters": {
"FollowOrigin": "off",
"CacheTime": 0
}
}
]
}
]
},
{
"Description": [
Custom `CacheKey` Example
```

```
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "CacheKey",
"CacheKeyParameters": {
"FullURLCache": "off",
"QueryString": {
"Switch": "on",
"Action": "includeCustom",
"Values": [
"name1",
"name2"
]
},
"IgnoreCase": "on",
"Header": {
"Switch": "on",
"Values": [
"EO-Client-Device",
"EO-Client-OS"
]
},
"Scheme": "on",
"Cookie": {
"Switch": "off"
}
}
}
]
}
]
},
{
"Description": [
Status Code Cache TTL Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "StatusCodeCache",
"StatusCodeCacheParameters": {
"StatusCodeCacheParams": [
```

```
{
"StatusCode": 400,
"CacheTime": 4
},
{
"StatusCode": 401,
"CacheTime": 180
},
{
"StatusCode": 403,
"CacheTime": 7200
},
{
"StatusCode": 404,
"CacheTime": 86400
}
]
}
}
]
}
]
},
{
"Description": [
Cache Prefresh Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "CachePrefresh",
"CachePrefreshParameters": {
"Switch": "on",
"CacheTimePercent": 80
}
}
]
}
]
},
{
"Description": [
Offline Cache Example
],
"Branches": [
```

```
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OfflineCache",
"OfflineCacheParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
HTTP2 Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HTTP2",
"HTTP2Parameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
QUIC Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "QUIC",
"QUICParameters": {
"Switch": "on"
}
}
]
}
```

```
]
},
{
"Description": [
WebSocket Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "WebSocket",
"WebSocketParameters": {
"Switch": "on",
"Timeout": 30
}
}
]
}
]
},
{
"Description": [
Maximum Upload Size Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "PostMaxSize",
"PostMaxSizeParameters": {
"Switch": "on",
"MaxSize": 524288000
}
}
]
}
]
},
{
"Description": [
Smart Compression Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
```

```
"Actions": [
{
"Name": "Compression",
"CompressionParameters": {
"Switch": "on",
"Algorithms": [
"gzip"
]
}
}
]
}
]
},
{
"Description": [
Intelligent Acceleration Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "SmartRouting",
"SmartRoutingParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
HTTP/2 Origin-Pull Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "UpstreamHTTP2",
"UpstreamHTTP2Parameters": {
"Switch": "off"
}
}
]
```

```
}
]
},
{
"Description": [
Origin-Pull Timeout Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "HTTPUpstreamTimeout",
"HTTPUpstreamTimeoutParameters": {
"ResponseTimeout": 15
}
}
]
}
]
},
{
"Description": [
Forced HTTPS Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "ForceRedirectHTTPS",
"ForceRedirectHTTPSParameters": {
"Switch": "on",
"RedirectStatusCode": 302
}
}
]
}
]
},
{
"Description": [
HSTS Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
```

```
"Actions": [
{
"Name": "HSTS",
"HSTSParameters": {
"Switch": "on",
"Timeout": 1000,
"IncludeSubDomains": "on",
"Preload": "on"
}
}
]
}
]
},
{
"Description": [
SSL/TLS Security Configuration Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "TLSConfig",
"TLSConfigParameters": {
"Version": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"CipherSuite": "loose-v2023"
}
}
]
}
]
},
{
"Description": [
OCSP Stapling Example
Following Origin Redirects Example
Example of redirection during origin pull
Custom error page example
Range GETs example
],
"Branches": [
```

```
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OCSPStapling",
"OCSPStaplingParameters": {
"Switch": "on"
}
},
{
"Name": "UpstreamRequest",
"UpstreamRequestParameters": {
"QueryString": {
"Switch": "on",
"Action": "includeCustom",
"Values": [
"name1",
"name2"
]
},
"Cookie": {
"Switch": "on",
"Action": "full"
}
}
},
{
"Name": "UpstreamFollowRedirect",
"UpstreamFollowRedirectParameters": {
"Switch": "on",
"MaxTimes": 3
}
},
{
"Name": "ErrorPage",
"ErrorPageParameters": {
"ErrorPageParams": [
{
"StatusCode": 400,
"RedirectURL": "http://www.test-v.com/custom-page.html"
},
{
"StatusCode": 403,
"RedirectURL": "http://www.test-v.com/custom-page1.html"
}
]
}
```

```
},
{
"Name": "RangeOriginPull",
"RangeOriginPullParameters": {
"Switch": "on"
}
}
]
}
]
},
{
"Description": [
"Example of origin HTTPS"
Example of Modifying HTTP Request Headers
Host Header Rewrite Example
Access URL Redirection Example
Token Authentication Example
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
"Name": "OriginPullProtocol"
},
{
"Name": "ModifyRequestHeader",
"ModifyRequestHeaderParameters": {
"HeaderActions": [
{
"Action": "add",
"Name": "EO-Client-Browser"
},
{
"Action": "del",
"Name": "EO-Client-Device"
},
{
"Action": "set",
"Name": "EO-Client-OS"
}
]
}
},
{
"Name": "HostHeader",
```

```
"HostHeaderParameters": {
"Action": "followOrigin"
}
},
{
"Name": "AccessURLRedirect",
"AccessURLRedirectParameters": {
"StatusCode": 302,
"Protocol": "follow",
"HostName": {
"Action": "follow"
},
"URLPath": {
"Action": "follow"
},
"QueryString": {
"Action": "full"
}
}
},
{
"Name": "Authentication",
"AuthenticationParameters": {
"AuthType": "TypeA",
"Timeout": 5,
"SecretKey": "BCChgIM4o0k08Uk0Jgi3f27ir3",
"BackupSecretKey": "3deJ7O6CsqlIk",
"AuthParam": "test123QQ"
}
}
]
}
]
},
{
"Description": [
Modifying HTTP Node Response Headers Sample
Client IP Header Sample
Client IP Geographical Location Header Sample
HTTP Response Sample
Access URL Redirection Sample
],
"Branches": [
{
"Condition": "${http.request.host} in ['www.example.com']",
"Actions": [
{
```

```
"Name": "ModifyResponseHeader",
"ModifyResponseHeaderParameters": {
"HeaderActions": [
{
"Action": "add",
"Name": "Access-Control-Allow-Methods",
"Value": "POST,GET"
},
{
"Action": "set",
"Name": "Access-Control-Allow-Origin",
"Value": "http://test.com,http://1.1.1.1"
},
{
"Action": "del",
"Name": "Content-Disposition"
}
]
}
},
{
"Name": "ClientIPHeader",
"ClientIPHeaderParameters": {
"Switch": "on",
"HeaderName": "test"
}
},
{
"Name": "ClientIPCountry",
"ClientIPCountryParameters": {
"Switch": "on",
"HeaderName": "EO-Client-IPCountry"
}
},
{
"Name": "HttpResponse",
"HttpResponseParameters": {
"StatusCode": 400,
"ResponsePage": "p-30tcxgl8i0ls"
}
},
{
"Name": "UpstreamURLRewrite",
"UpstreamURLRewriteParameters": {
"Type": "Path",
"Action": "addPrefix",
"Value": "/prefix"
```

```
}
}
]
}
]
}
]
}
]
}
}
```

Output Example

```
{
"Response": {
"RequestId": "811d2583-310c-41f4-b5e7-abe407404sxsd"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.SystemError	Internal system error.
InvalidParameter.CacheKeyQueryStringTooManyValue	The query string has too many values.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.CompressionInvalidAlgorithms	Invalid compression algorithm.
InvalidParameter.ErrActionUnsupportTarget	The current conditions do not support the requested operation.
InvalidParameter.ErrInvalidAction	Invalid operation.
InvalidParameter.ErrInvalidActionDuplicateAction	Invalid operation: Duplicate operation configuration.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamAction	Invalid parameter "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid parameter: Duplicate parameter names.
InvalidParameter.ErrInvalidActionParamName	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamTooManyValues	Invalid parameter: The parameter has too many values.

InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action type.
InvalidParameter.ErrInvalidConditionHostTooManyWhenModifyOriginActionConfigured	You can only configure one host matching type when modifying the origin.
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid condition: The letter case is ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid condition: Invalid parameter name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid condition: The match type is not supported by this parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid condition: Invalid regular expression for the parameter value.
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid parameter value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid parameter value: File extension is not allowed.
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid condition: Too many wildcards in the parameter.

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InvalidParameter.ErrInvalidElseWhenModifyOriginActionConfigured	ELSE is not supported for origin server modification.
InvalidParameter.ErrNilCondition	Empty condition.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.HostNotFound	The domain name does not exist.
InvalidParameter.InvalidAuthenticationTypeSecretKey	Invalid key for token authentication.
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authentication parameter.
InvalidParameter.InvalidAuthenticationTypeTimeFormat	Invalid authentication token format.
InvalidParameter.InvalidAuthenticationTypeTimeParam	Invalid authentication token parameter.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidBackupServerName	Invalid secondary origin domain.
InvalidParameter.InvalidCacheKey	Invalid cache key.
InvalidParameter.InvalidCacheKeyCookie	Invalid cache key cookie.
InvalidParameter.InvalidCacheKeyIgnoreCase	Cases are ignored in the cache key.
InvalidParameter.InvalidCacheKeyScheme	Invalid cache key scheme.

InvalidParameter.InvalidCacheTime	Invalid node cache validity.
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidCosDomain	Invalid origin-pull configuration. When `OriginType` is `COS` or `AWS_S3`, the origin address must be an object storage domain name.
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custom error page.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid request header x-forwarded-for.
InvalidParameter.InvalidRequestHeaderValue	Invalid request header.
InvalidParameter.InvalidResponseHeaderName	Invalid response header.

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InvalidParameter.InvalidResponseHeaderValue	Invalid response header.
InvalidParameter.InvalidRuleEngineAction	Invalid rule engine operation.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file extension in the rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL in the rule engine condition.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull request configuration error: Invalid query string.
InvalidParameter.InvalidUrlRedirectHost	Invalid target host in the URL rewriting rule.
InvalidParameter.InvalidUrlRedirectUrl	The target URL for URL rewrite is invalid.
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache key.
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Load Balancer instance ID is required in the operation of modifying the origin server.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.OriginOriginGroupIdIsRequired	The origin group ID is required.

InvalidParameter.OriginPullProtocolIsRequired	The return protocol is required in the operation of modifying the origin server.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.ResponseHeaderCacheControlNotAllowDelete	Invalid response header.
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status code in cache.
InvalidParameter.TlsVersionNotInSequence	TLS version is not continuous for HTTPS.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.
InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.TrialPlanResponsePage	Referencing is not allowed on the custom page of the trial plan.

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InvalidParameterValue.UnrecognizableValue	Configuration item error.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.InvalidAdvancedDefenseSecurityType	The security service must be enabled when you enable the DDoS Protection.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteL7AccRules

Last updated：2025-02-19 19:34:20

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete rules of the rule engine, supporting batch deletion.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteL7AccRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
RuleIds.N	Yes	Array of String	List of rule ids to be deleted. you can obtain ruleid through describel7accrules.

3. Output Parameters

Parameter	Type	Description

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a Rule

Delete the specified rule in the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteL7AccRules
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali12",
"RuleIds": [
"rule-djuq23"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.SystemError	Internal system error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.ZoneNotFound	The site does not exist.

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OperationDenied	Operation denied.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeL7AccSetting

Last updated：2025-02-19 19:34:17

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the global configuration of Site Acceleration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeL7AccSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.

3. Output Parameters

Parameter Name	Type	Description
ZoneSetting	ZoneConfigParameters	Global configuration for site acceleration.

		Note: this field may return null, which indicates a failure to obtain a valid value.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query the Site Configuration For Layer-7 Acceleration

Query the global acceleration configuration of the site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL7AccSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee"
}
```

Output Example

```
{
"Response": {
"RequestId": "88215c08-67de-4c7d-974e-a14461816f5b",
"ZoneSetting": {
"ZoneName": "example.com",
"ZoneConfig": {
"SmartRouting": {
"Switch": "off"
},
"Cache": {
"CustomTime": {
"CacheTime": 2592000,
"Switch": "off"
},
"FollowOrigin": {
"DefaultCache": "on",
```

```
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0,
"Switch": "on"
},
"NoCache": {
"Switch": "off"
}
},
"MaxAge": {
"FollowOrigin": "on",
"CacheTime": 600
},
"CacheKey": {
"FullURLCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Action": "includeCustom",
"Switch": "off",
"Values": []
}
},
"CachePrefresh": {
"CacheTimePercent": 90,
"Switch": "off"
},
"OfflineCache": {
"Switch": "on"
},
"Compression": {
"Algorithms": [
"brotli",
"gzip"
],
"Switch": "on"
},
"ForceRedirectHTTPS": {
"RedirectStatusCode": 302,
"Switch": "off"
},
"HSTS": {
"IncludeSubDomains": "off",
"Timeout": 0,
"Preload": "off",
"Switch": "off"
},
"TLSConfig": {
"Version": [
```

```
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"CipherSuite": "loose-v2023"
},
"OCSPStapling": {
"Switch": "off"
},
"HTTP2": {
"Switch": "off"
},
"QUIC": {
"Switch": "off"
},
"UpstreamHTTP2": {
"Switch": "off"
},
"IPv6": {
"Switch": "off"
},
"WebSocket": {
"Switch": "off",
"Timeout": 30
},
"PostMaxSize": {
"MaxSize": 524288000,
"Switch": "on"
},
"ClientIPHeader": {
"HeaderName": "",
"Switch": "off"
},
"ClientIPCountry": {
"HeaderName": "",
"Switch": "off"
},
"Grpc": {
"Switch": "off"
},
"AccelerateMainland": {
"Switch": "off"
},
"StandardDebug": {
"AllowClientIPList": [],
"Expires": "1969-12-31T16:00:00Z",
```


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```
"Switch": "off"
}
}
}
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InvalidParameter.SettingInvalidParam	Configuration parameter error.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied	Operation denied.

UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyL7AccSetting

Last updated：2025-02-19 19:34:14

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the global configuration of Site Acceleration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL7AccSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
ZoneConfig	Yes	ZoneConfig	Site acceleration global configuration. the settings in this parameter will apply to all domain names under the site. you only need to modify the required settings directly, and other settings not passed in will remain unchanged.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the Global Acceleration Configuration Of a Site

Modify the global acceleration configuration of the site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL7AccSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ZoneConfig": {
"SmartRouting": {
"Switch": "on"
},
"Cache": {
"CustomTime": {
"CacheTime": 2592000,
"Switch": "off"
},
"FollowOrigin": {
"DefaultCache": "on",
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0,
"Switch": "on"
},
"NoCache": {
"Switch": "off"
}
},
"MaxAge": {
"FollowOrigin": "on",
```

```
"CacheTime": 600
},
"CacheKey": {
"FullURLCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Action": "includeCustom",
"Switch": "off",
"Values": []
}
},
"CachePrefresh": {
"CacheTimePercent": 90,
"Switch": "on"
},
"OfflineCache": {
"Switch": "on"
},
"Compression": {
"Algorithms": [
"brotli",
"gzip"
],
"Switch": "on"
},
"ForceRedirectHTTPS": {
"RedirectStatusCode": 302,
"Switch": "off"
},
"HSTS": {
"IncludeSubDomains": "off",
"Timeout": 0,
"Preload": "off",
"Switch": "off"
},
"TLSConfig": {
"Version": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"CipherSuite": "loose-v2023"
},
"OCSPStapling": {
"Switch": "off"
},
```

```
"HTTP2": {
"Switch": "off"
},
"QUIC": {
"Switch": "off"
},
"UpstreamHTTP2": {
"Switch": "off"
},
"IPv6": {
"Switch": "off"
},
"WebSocket": {
"Switch": "off",
"Timeout": 30
},
"PostMaxSize": {
"MaxSize": 524288000,
"Switch": "on"
},
"ClientIPHeader": {
"HeaderName": "",
"Switch": "off"
},
"ClientIPCountry": {
"HeaderName": "",
"Switch": "off"
},
"Grpc": {
"Switch": "off"
},
"AccelerateMainland": {
"Switch": "off"
},
"StandardDebug": {
"AllowClientIPList": [],
"Expires": "1969-12-31T16:00:00Z",
"Switch": "off"
}
}
}
```


Output Example


```
{
"Response": {
```

```
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Modifying the Global IPv6 Access Configuration Of a Site Acceleration

Enable IPv6 access for all domain names under the site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL7AccSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ZoneConfig": {
"IPv6": {
"Switch": "on"
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example3 Modifying the Global QUIC Configuration Of the Site

This example shows you how to enable QUIC for all domain names under a site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL7AccSetting
<Common request parameters>
```

```
{
"ZoneId": "zone-21xfqlh4qjee",
"ZoneConfig": {
"QUIC": {
"Switch": "on"
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example4 Modifying Global Node Cache TTL Configuration For Site Acceleration

This example shows you how to configure the cache to no-cache for all domain names under a site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL7AccSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ZoneConfig": {
"Cache": {
"NoCache": {
"Switch": "on"
}
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
```

```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateNotFound	The edge HTTPS certificate does not exist.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InternalError.UnknowError	Unknown error.

InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CacheKeyQueryStringRequiresFullUrlCacheOff	Invalid query string.
InvalidParameter.CacheKeyQueryStringTooManyValue	The query string has too many values.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.ClientIpCountryConflictsWithIpv6	IPv6 access conflicts with client IP geographical location.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-party object storage.
InvalidParameter.InvalidCacheConfigFollowOrigin	Invalid node cache. The origin behavior is followed.
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query string.
InvalidParameter.InvalidCacheOnlyOnSwitch	Invalid node cache.
InvalidParameter.InvalidCacheTime	Invalid node cache validity.
InvalidParameter.InvalidClientIpCountryHeaderName	Invalid client IP location configuration. HeaderName consists of 1-100 alphanumeric characters and cannot start or end with hyphens (-).
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package does not support Smart Acceleration.
InvalidParameter.InvalidForceRedirectType	Invalid forced HTTPS direction settings
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidHttpsCertInfo	Invalid edge HTTPS certificate configuration. The certificate content is invalid.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.

InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTPS TLS version.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginType	Incorrect origin server type.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidPostMaxSizeBilling	The speciThe plan does not support limiting the max upload size.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidResourceIdBilling	You have not purchased a plan yet.
InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidStandardDebugEmptyList	The AllowClientIPList parameter is mandatory. The IPv4 and IPv6 network segments are supported. 0.0.0.0/0 indicates that all IPv4 clients can be debugged, and ::/0 indicates that all IPv6 clients can be debugged.
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiration time is exceeded.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.MultiplyLayerNotSupportSmartRouting	Smart routing is not supported.
InvalidParameter.OCDirectOriginRequiresSmartRouting	The domain name is configured to forward requests to the origin directly. iSmart Acceleration must be enabled.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.SettingInvalidParam	Configuration parameter error.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is

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	not supported. Please try again later.
InvalidParameter.ZoneNotFound	The site does not exist.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.
InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing domain feature under the current site conflicts with the Chinese mainland network optimization, and cannot be configured at the same time.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.SharedCNAMEUnsupportedAccelerateMainland	The domain name is bound with a shared CNAME and cannot be changed to "Cross-MLC-border acceleration". Please

	unbind the domain name from the shared CNAME first.
OperationDenied.SharedCNAMEUnsupportedIPv6	The domain name is bound with a shared CNAME and cannot be changed to "IPv6 access". Please unbind the domain name from the shared CNAME first.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn’t exist.
ResourceNotFound.PostMaxSizeQuotaNotFound	Maximum upload size is not configured.
ResourceUnavailable.CertNotFound	The certificate does not exist or is not authorized.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyL7AccRulePriority

Last updated：2025-03-24 11:03:25

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This interface is used to modify the priority of the rule list in the Rule Engine. This interface requires the complete rule ID list under the site ID to be passed in. The rule ID list can be obtained through the Query Seven-Layer Acceleration Rules interface. The final priority order will be adjusted to the order of the rule ID list, and will be executed from front to back.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL7AccRulePriority.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
RuleIds.N	Yes	Array of String	The complete rule ID list under the site ID can be obtained by Querying the seven-layer acceleration rules. The final priority order will be adjusted to the order of the rule ID list, and will be executed from the front to the back.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modify the Priority of the Rule Engine

There are 3 rules under the site. The original order of execution is rule-example1, rule-example2, and rule-example3. It needs to be modified to the execution order of rule-example2, rule-example3, and rule-example1.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL7AccRulePriority
<Common request parameters>

{
"ZoneId": "zone-example",
"RuleIds": [
"rule-example2",
"rule-example3",
"rule-example1"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "example-310c-41f4-b5e7-abe407404sxsd"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.InvalidRuleEngine	The rule engine configuration is invalid.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.

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Edge Function APIs
CreateFunction

Last updated：2025-02-19 19:33:19

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create and deploy an edge function to EdgeOne edge nodes.

A maximum of 5 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateFunction.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Name	Yes	String	Function name, which can contain up to 30 characters, including lowercase letters, digits, and hyphens. It should start and end with a digit or a letter.
Content	Yes	String	Function content, which currently only supports JavaScript code. Its maximum size is 5 MB.
Remark	No	String	Function description, which can contain up to 60 characters.

3. Output Parameters

Parameter Name	Type	Description
FunctionId	String	Function ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateFunction
<Common request parameters>



{
"ZoneId": "zone-293e7s5jne1i",
"Name": "test-function",
"Remark": "my test function",
"Content": "addEventListener('fetch', e => {\r\n const response = new Response('H
ello World!');\r\n e.respondWith(response);\r\n});"
}
```

Output Example

```
{
"Response": {
"FunctionId": "ef-1pakhnuy",
"RequestId": "85caed2d-e16e-4205-a322-1e907e830b55"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.FunctionDeploying	Another task is being deployed. Please try again later.
InternalError.SystemError	Internal system error.
InvalidParameter.BadContent	The function content has a syntax error.
InvalidParameter.BadFunctionName	The function name does not meet specifications.
InvalidParameter.ContentExceedsLimit	The function content exceeds the size limit.
InvalidParameter.FunctionNameConflict	The function name conflicts with that of another function under this account.

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InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
LimitExceeded.FunctionLimitExceeded	The number of functions has reached the limit.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeFunctions

Last updated：2025-02-19 19:33:17

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the list of edge functions. It supports filtering by function ID, name, description, and so on.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeFunctions.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
FunctionIds.N	No	Array of String	Filter by function ID list.
Filters.N	No	Array of Filter	Filter criteria list. There is an AND relationship between different criteria. The maximum number of Filters.Values is 20. The detailed filter criteria are as follows: • name: Fuzzy match by [function name]. • remark: Fuzzy match by [function description].

Offset	No	Integer	The offset of paginated query. Default value: 0.
Limit	No	Integer	Number limit of paginated query. Default value: 20. Maximum value: 200.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of functions that meet the query condition.
Functions	Array of Function	Information of all functions that meet the query condition.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Matching the List of Edge Functions by Name

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeFunctions
<Common request parameters>



{
"ZoneId": "zone-293e7s5jne1i",
"Filters": [
{
"Name": "name",
"Values": [
"test"
]
}
```

```
],
"Offset": 0,
"Limit": 2
}
```

Output Example


```
{
"Response": {
"Functions": [
{
"FunctionId": "ef-1pakhnuy",
"ZoneId": "zone-293e7s5jne1i",
"Content": "addEventListener('fetch', e => {\r\n const response = new Response('H
ello World!');\r\n e.respondWith(response);\r\n});",
"Name": "test-function",
"Remark": "my function",
"Domain": "test-function-zone-293e7s5jne1i-123456789.eo-edgefunctions1.com",
"CreateTime": "2022-09-19T15:23:25+08:00",
"UpdateTime": "2022-09-19T15:27:13+08:00"
},
{
"FunctionId": "ef-2pakw1uk",
"ZoneId": "zone-293e7s5jne1i",
"Content": "addEventListener('fetch', e => {\r\n const response = new Response('H
ello World test!');\r\n e.respondWith(response);\r\n});",
"Name": "test-function2",
"Remark": "my function 2",
"Domain": "test-function-zone-293e7s5jne1i-123456789.eo-edgefunctions1.com",
"CreateTime": "2022-09-20T15:23:25+08:00",
"UpdateTime": "2022-09-20T15:27:13+08:00"
}
],
"TotalCount": 17,
"RequestId": "ab8a61c5-4eef-45af-9384-b071f1922541"
}
}
```


Example2 Matching the List of Edge Functions by Function ID

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
```

```
X-TC-Action: DescribeFunctions
<Common request parameters>



{
"ZoneId": "zone-293e7s5jne1i",
"FunctionIds": [
"ef-1pakhnuy"
],
"Offset": 0,
"Limit": 2
}
```

Output Example

```
{
"Response": {
"Functions": [
{
"FunctionId": "ef-1pakhnuy",
"ZoneId": "zone-293e7s5jne1i",
"Content": "addEventListener('fetch', e => {\r\n const response = new Response('H
ello World!');\r\n e.respondWith(response);\r\n});",
"Name": "test-function",
"Remark": "my function",
"Domain": "test-function-zone-293e7s5jne1i-123456789.eo-edgefunctions1.com",
"CreateTime": "2022-09-19T15:23:25+08:00",
"UpdateTime": "2022-09-19T15:27:13+08:00"
}
],
"TotalCount": 1,
"RequestId": "ab8a61c5-4eef-45af-9384-b071f1922541"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InvalidParameter.InvalidFilterName	Invalid filter field.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
InvalidParameter.TooManyFilterValues	Too many filter values.
InvalidParameter.TooManyFilters	Too many filter items.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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ModifyFunction

Last updated：2025-02-19 19:33:16

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify an edge function. It supports modifying the function content and description. The function will take effect immediately after modification and redeployment.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyFunction.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
FunctionId	Yes	String	Function ID.
Remark	No	String	Function description, which can contain up to 60 characters. If this parameter is not input, the original configuration is maintained.
Content	No	String	Function content, which currently only supports JavaScript code. Its maximum size is 5 MB. If this parameter is not input, the original configuration is maintained.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyFunction
<Common request parameters>



{
"ZoneId": "zone-2gqxim9jstab",
"FunctionId": "ef-1pakhnuy",
"Remark": "my function",
"Content": "addEventListener('fetch', e => {\r\n const response = new Response('H
ello World!');\r\n e.respondWith(response);\r\n});"
}
```

Output Example

```
{
"Response": {
"RequestId": "b660855b-a0a7-4cd3-832d-e01fb1b8da93"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.FunctionDeploying	Another task is being deployed. Please try again later.
InternalError.SystemError	Internal system error.
InvalidParameter.BadContent	The function content has a syntax error.
InvalidParameter.ContentExceedsLimit	The function content exceeds the size limit.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
InvalidParameter.ModifyParametersMissing	Modification parameters are missing.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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DeleteFunction

Last updated：2025-02-19 19:33:19

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete an edge function. Once deleted, the function cannot be recovered, and associated trigger rules are also deleted.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteFunction.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
FunctionId	Yes	String	Function ID.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteFunction
<Common request parameters>



{
"ZoneId": "zone-2gqxim9jstab",
"FunctionId": "ef-zcyhwq1d"
}
```

Output Example

```
{
"Response": {
"RequestId": "cb52ba7d-ea45-4353-8972-88d0dc351c5b"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.RuleOperationConflict	Function rule operations conflict under this site.
InternalError.SystemError	Internal system error.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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CreateFunctionRule

Last updated：2025-02-19 19:33:19

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a trigger rule for an edge function.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateFunctionRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
FunctionRuleConditions.N	Yes	Array of FunctionRuleCondition	Rule condition list. There is an OR relationship between different conditions of the same trigger rule.
FunctionId	Yes	String	Function ID, specifying a function executed when a trigger rule condition is met.

Remark	No	String	Rule description, which can contain up to 60 characters.

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Rule for an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateFunctionRule
<Common request parameters>



{
"ZoneId": "zone-293e7s5jne1i",
"FunctionRuleConditions": [
{
"RuleConditions": [
{
"Operator": "equal",
"Values": [
"/123"
],
"Target": "url"
}
]
}
```

```
],
"FunctionId": "ef-1pakhnuy",
"Remark": "my function rule"
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-vnqup0uc",
"RequestId": "aab9a28a-4cce-434d-852f-5442275817aa"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

FailedOperation	Operation failed.
FailedOperation.RuleOperationConflict	Function rule operations conflict under this site.
InternalError.SystemError	Internal system error.
InvalidParameter.DuplicateRule	Duplicate rules.
InvalidParameter.InvalidConditions	Invalid conditions.
LimitExceeded.RuleLimitExceeded	The number of rules has reached the limit.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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DescribeFunctionRules

Last updated：2025-02-19 19:33:18

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the list of trigger rules for an edge function. It supports filtering by rule ID, function ID, rule description, and so on.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeFunctionRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Filters.N	No	Array of Filter	Filter criteria list. There is an AND relationship between different criteria. The maximum number of Filters.Values is 20. The detailed filter criteria are as follows: • rule-id: Exact match by [rule ID]. • function-id: Exact match by [function ID]. • remark: Fuzzy match by [rule description].

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3. Output Parameters

Parameter Name	Type	Description
FunctionRules	Array of FunctionRule	Rule details list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the List of Trigger Rules for an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeFunctionRules
<Common request parameters>



{
"ZoneId": "zone-293e7s5jne1i"
}
```

Output Example

```
{
"Response": {
"RequestId": "d7213f7f-a67b-4602-b630-ed6740e1a124",
"FunctionRules": [
{
"RuleId": "rule-53qpdadi",
"FunctionRuleConditions": [
{
"RuleConditions": [
{
"Operator": "equal",
```

```
"Target": "url",
"Values": [
"/test3"
],
"IgnoreCase": false,
"Name": ""
}
]
}
],
"FunctionId": "ef-n1j14wfm",
"FunctionName": "test",
"Priority": 2,
"Remark": "my function rule",
"CreateTime": "2023-04-19T07:32:09Z",
"UpdateTime": "2023-04-19T07:36:43Z"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.SystemError	Internal system error.
InvalidParameter.InvalidFilterName	Invalid filter field.
InvalidParameter.TooManyFilterValues	Too many filter values.
InvalidParameter.TooManyFilters	Too many filter items.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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ModifyFunctionRule

Last updated：2025-02-19 19:33:15

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify a trigger rule for an edge function. It supports modifying rule conditions, execution functions, and description.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyFunctionRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
RuleId	Yes	String	Rule ID.
FunctionRuleConditions.N	No	Array of FunctionRuleCondition	Rule condition list. There is an OR relationship between different conditions of the same trigger rule. If this parameter is not input, the original configuration is maintained.

FunctionId	No	String	Function ID, specifying a function executed when a trigger rule condition is met. If this parameter is not input, the original configuration is maintained.
Remark	No	String	Rule description, which can contain up to 60 characters. If this parameter is not input, the original configuration is maintained.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a Rule for an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyFunctionRule
<Common request parameters>



{
"ZoneId": "zone-2gqxim9jstab",
"RuleId": "rule-vnqup0uc",
"FunctionRuleConditions": [
{
"RuleConditions": [
{
"Operator": "equal",
```

```
"Values": [
"/test"
],
"Target": "url"
}
]
}
],
"FunctionId": "ef-1pakhnuy",
"Remark": "my function"
}
```

Output Example

```
{
"Response": {
"RequestId": "7a1e998f-fa00-4670-8457-ed4b4fe5018a"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.RuleOperationConflict	Function rule operations conflict under this site.
InternalError.SystemError	Internal system error.
InvalidParameter.DuplicateRule	Duplicate rules.
InvalidParameter.InvalidConditions	Invalid conditions.
InvalidParameter.ModifyParametersMissing	Modification parameters are missing.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.
ResourceUnavailable.RuleNotFound	The rule does not exist or does not belong to the account.

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ModifyFunctionRulePriority

Last updated：2025-02-19 19:33:15

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the priority of trigger rules for an edge function.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyFunctionRulePriority.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
RuleIds.N	Yes	Array of String	Rule ID list. All rule IDs after priority adjustment must be input. Multiple rules are executed from top to bottom. If this parameter is not input, the original priority order is maintained.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the Priority of Rules for an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyFunctionRulePriority
<Common request parameters>



{
"ZoneId": "zone-xvq1df34",
"RuleIds": [
"rule-x1f2dfhl",
"rule-myuqwu2d"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "cb52ba7d-ea45-4353-8972-88d0dc351c5b"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.RuleOperationConflict	Function rule operations conflict under this site.
InternalError.SystemError	Internal system error.
InvalidParameterValue	Invalid parameter value.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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DeleteFunctionRules

Last updated：2025-02-19 19:33:18

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a trigger rule for an edge function.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteFunctionRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
RuleIds.N	Yes	Array of String	Rule ID list.

3. Output Parameters

Parameter	Type	Description

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a Rule for an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteFunctionRules
<Common request parameters>



{
"ZoneId": "zone-2gqxim9jstab",
"RuleIds": [
"rule-vnqup0uc"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "cb52ba7d-ea45-4353-8972-88d0dc351c5b"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.RuleOperationConflict	Function rule operations conflict under this site.
InternalError.SystemError	Internal system error.
ResourceUnavailable.RuleNotFound	The rule does not exist or does not belong to the account.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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DescribeFunctionRuntimeEnvironment

Last updated：2025-02-19 19:33:17

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the runtime environment of an edge function, including environment variables.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeFunctionRuntimeEnvironment.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
FunctionId	Yes	String	Function ID.

3. Output Parameters

Parameter Name	Type	Description

EnvironmentVariables	Array of FunctionEnvironmentVariable	Environment variable list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Runtime Environment of an Edge Function

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeFunctionRuntimeEnvironment
<Common request parameters>



{
"ZoneId": "zone-kwsqufps",
"FunctionId": "ef-xs2333"
}
```

Output Example

```
{
"Response": {
"RequestId": "5f24d792-050d-439f-a864-353fd7b67e9f",
"EnvironmentVariables": [
{
"Key": "name",
"Type": "string",
"Value": "edgeone"
}
]
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.DBError	Database error.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InvalidParameter.InvalidFilterName	Invalid filter field.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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HandleFunctionRuntimeEnvironment

Last updated：2025-02-19 19:33:16

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to operate the runtime environment of an edge function. It supports related settings for environment variables.
After the environment variables are set, they can be used in the function code. For details, see Edge Functions Referencing Environment Variables.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: HandleFunctionRuntimeEnvironment.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
FunctionId	Yes	String	Function ID.
Operation	Yes	String	Operation type. Valid values:

			• setEnvironmentVariable: Set an environment variable. If the environment variable exists, it will be modified; otherwise, it will be added. • deleteEnvironmentVariable: Delete an environment variable. • clearEnvironmentVariable: Clear an environment variable. • resetEnvironmentVariable: Reset an environment variable.
EnvironmentVariables.N	No	Array of FunctionEnvironmentVariable	Environment variable list. The runtime environment of a function supports up to 64 variables. This parameter is required when the value of Operation is setEnvironmentVariable, deleteEnvironmentVariable, or resetEnvironmentVariable.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Adding Environment Variables

This example shows you how to add a specified environment variable list to the runtime environment of a function.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: HandleFunctionRuntimeEnvironment
<Common request parameters>
```

```
{
"ZoneId": "zone-28569s6od5na",
"FunctionId": "ef-22xxf22",
"Operation": "setEnvironmentVariable",
"EnvironmentVariables": [
{
"Key": "name",
"Type": "string",
"Value": "edgeone"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "4dcgtb24-7dc5-46s2-9q3e-95825d53dcs3a"
}
}
```

Example2 Deleting Environment Variables

This example shows you how to delete a specified environment variable list in the runtime environment of a function.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: HandleFunctionRuntimeEnvironment
<Common request parameters>
```

```
{
"ZoneId": "zone-28569s6od5na",
"FunctionId": "ef-22xxf22",
"Operation": "deleteEnvironmentVariable",
"EnvironmentVariables": [
{
"Key": "name",
"Value": ""
```

```
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "4dcgtb24-7dc5-46s2-9q3e-95825d53dcs3a"
}
}
```

Example3 Clearing Environment Variables

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: HandleFunctionRuntimeEnvironment
<Common request parameters>



{
"ZoneId": "zone-28569s6od5na",
"FunctionId": "ef-22xxf22",
"Operation": "clearEnvironmentVariable"
}
```

Output Example

```
{
"Response": {
"RequestId": "4dcgtb24-7dc5-46s2-9q3e-95825d53dcs3a"
}
}
```

Example4 Resetting Environment Variables

This example shows you how to use a new environment variable list to override the existing list in the runtime environment of a function.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: HandleFunctionRuntimeEnvironment
<Common request parameters>



{
"ZoneId": "zone-28569s6od5na",
"FunctionId": "ef-22xxf22",
"Operation": "resetEnvironmentVariable",
"EnvironmentVariables": [
{
"Key": "new_name",
"Type": "string",
"Value": "edgeone_new"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "4dcgtb24-7dc5-46s2-9q3e-95825d53dcs3a"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.FunctionDeploying	Another task is being deployed. Please try again later.
InternalError.SystemError	Internal system error.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.

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Alias Domain APIs
CreateAliasDomain

Last updated：2025-02-19 19:33:44

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateAliasDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
AliasName	Yes	String	The alias domain name.
TargetName	Yes	String	The target domain name.
CertType	No	String	Certificate configuration. Values: • `none` : (Default) Do not configure • `hosting` : Managed SSL certificate

CertId.N	No	Array of String	The certificate ID. This field is required when `CertType=hosting`.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an alias domain name

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAliasDomain
<Common request parameters>

{
"TargetName": "aaa.example.com",
"AliasName": "bbb.test.com",
"CertType": "none",
"ZoneId": "zone-28569s6od5na"
}
```

Output Example

```
{
"Response": {
"RequestId": "4dcgtb24-7dc5-46s2-9q3e-95825d53dcs3a"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateNotFound	The edge HTTPS certificate does not exist.
InternalError	Internal error.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.AliasDomainNotSupportSMCert	Chinese SM certificates are not supported for alias domain names.
InvalidParameter.CertNotMatchDomain	Invalid edge HTTPS certificate configuration. The certificate does not match the domain name.
InvalidParameter.InvalidHttpsCertInfo	Invalid edge HTTPS certificate configuration. The certificate content is invalid.
InvalidParameter.InvalidParameter	Invalid parameter.

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InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameterValue	Invalid parameter value.
InvalidParameterValue.InvalidAliasDomainName	The alias domain name is invalid. It must contain numerics, English characters, and hyphens, but hyphen is not allowed at the beginning or the end.
InvalidParameterValue.InvalidAliasNameSuffix	Invalid alias domain suffix. This domain is for internal usage and cannot be used as the alias domain.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DomainIsBlocked	Unable to use the domain name when it’s blocked.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceInUse.AliasName	The alias domain name already exists.
ResourceInUse.DuplicateName	Duplicate alias domain names.
ResourceInUse.Zone	The alias domain name is already added.
ResourceNotFound	The resource doesn’t exist.
ResourceUnavailable.DomainAlreadyExists	The domain name is already connected to EdgeOne by another account. Please retrieve it first in order to add it.
UnauthorizedOperation	Unauthorized operation.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation.TargetNameOriginTypeCos	The origin type of the target domain cannot be COS for an alias domain.

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DescribeAliasDomains

Last updated：2025-02-19 19:33:43

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the information of alias domain names.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAliasDomains.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Offset	No	Integer	The page offset. Default value: 0
Limit	No	Integer	The paginated query limit. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter conditions. The maximum value for Filters.Values is 20. The detailed conditions are as follows: • target-name: Filter by the target domain name; • alias-name: Filter by the alias of the domain name.

			Fuzzy queries are only supported for the field name alias-name.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total eligible alias domain names.
AliasDomains	Array of AliasDomain	Information of the eligible alias domain names.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of alias domain names

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAliasDomains
<Common request parameters>

{
"ZoneId": "zone-28569s6od5na",
"Limit": 20,
"Filters": [
{
"Values": [
"bbb.test.com"
],
"Name": "alias-name"
}
],
"Offset": 0
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"RequestId": "5ce6ee51-cda5-4e0d-a338-cff57a00bb3a",
"AliasDomains": [
{
"Status": "pending",
"ModifiedOn": "2020-09-22T00:00:00+00:00",
"TargetName": "aaa.example.com",
"CreatedOn": "2020-09-22T00:00:00+00:00",
"ZoneId": "zone-28569s6od5na",
"AliasName": "bbb.test.com",
"ForbidMode": 0
}
]
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyAliasDomain

Last updated：2025-02-19 19:33:43

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAliasDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
AliasName	Yes	String	The alias domain name.
TargetName	Yes	String	The target domain name.
CertType	No	String	Certificate configuration. Values: • `none` : Off • `hosting` : Managed SSL certificate • `apply` : Free certificate The original configuration will apply if this field is not specified.

CertId.N	No	Array of String	The certificate ID. This field is required when `CertType=hosting`.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an alias domain name

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAliasDomain
<Common request parameters>

{
"TargetName": "bbb.example.com",
"AliasName": "eo.test.com",
"CertType": "none",
"ZoneId": "zone-28569s6od5na"
}
```

Output Example

```
{
"Response": {
"RequestId": "6d1efe51-b951-498e-9b10-755906835e87"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter.CertNotMatchDomain	Invalid edge HTTPS certificate configuration. The certificate does not match the domain name.
OperationDenied	Operation denied.

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ModifyAliasDomainStatus

Last updated：2025-02-19 19:33:42

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the status of an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAliasDomainStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Paused	Yes	Boolean	Status of the alias domain name. Values: • `false` : Enable the alias domain name. • `true` : Disable the alias domain name.
AliasNames.N	No	Array of String	The alias domain name you want to modify its status. If it is left empty, the modify operation is not performed.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the status of an alias domain name

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAliasDomainStatus
<Common request parameters>

{
"ZoneId": "zone-28569s6od5na",
"AliasNames": [
"eo.test.com"
],
"Paused": true
}
```

Output Example

```
{
"Response": {
"RequestId": "114327ee-463c-4ee4-83f6-82e9a44bd81d"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.

DeleteAliasDomain

Last updated：2025-02-19 19:33:43

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteAliasDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
AliasNames.N	No	Array of String	The alias domain name to be deleted. If it is left empty, the delete operation is not performed.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 S

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteAliasDomain
<Common request parameters>

{
"ZoneId": "zone-28569s6od5na",
"AliasNames": [
"eo.test.com"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "28ec90d3-7af9-460c-bb1a-dd9cf4d8c785"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.

Security Configuration APIs
CreateSecurityIPGroup

Last updated：2025-02-19 19:32:44

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a security IP group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateSecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
IPGroup	Yes	IPGroup	IP group information.

3. Output Parameters

Parameter Name	Type	Description
GroupId	Integer	IP group ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a security IP group

This example shows you how to create a security IP group.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateSecurityIPGroup
<Common request parameters>

{
"IPGroup": {
"GroupId": 0,
"Name": "testip",
"Content": [
"2.2.2.2"
]
},
"ZoneId": "zone-j94jf0a1"
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669",
"GroupId": 128
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.Security	Invalid parameter.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeSecurityIPGroup

Last updated：2025-02-19 19:32:43

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the configuration information of a security IP group, including the ID, name, and content of the security IP group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID, used to specify the scope of the queried site.
GroupIds.N	No	Array of Integer	Specifies the security ip group id. • when this parameter is provided, only the configuration of the specified security ip group id is queried; • when this parameter is not provided, information of all security ip groups under the site is returned. .

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3. Output Parameters

Parameter Name	Type	Description
IPGroups	Array of IPGroup	Detailed configuration information of security IP groups, including the ID, name, and IP/IP range list information of each security IP group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the configuration information of security IP groups

This example shows you how to query the configuration information of security IP groups in a specified site.

Input Example

```
POST / HTTP/1.1
Host: xxx.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeInstances
<Common request parameters>

{
"ZoneId": "zone-nqicqhasui"
}
```

Output Example

```
{
"Response": {
"IPGroups": [
{
"GroupId": 123,
"Name": "ExampleIpGroup",
"Content": [
"2.2.2.2",
"23.23.23.0/24"
]
}
```

```
],
"RequestId": "ddf831fc-cf45-40fe-81b0-2d9cdd4c1bd6"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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ModifySecurityIPGroup

Last updated：2025-02-19 19:32:41

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify a security IP group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifySecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
IPGroup	Yes	IPGroup	IP group configuration.
Mode	Yes	String	Operation type. Valid values: • `append` : Add information of `Content` to `IPGroup` ; • `remove` : Delete information of `Content` from `IPGroup` ; • `update` : Replace all information of `IPGroup` and modify the IPGroup name.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a security IP group with the operation "append"

This example shows you how to modify a security IP group with the operation "append".

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityIPGroup
<Common request parameters>

{
"IPGroup": {
"GroupId": 67,
"Name": "test3",
"Content": [
"1.3.1.1/16",
"6.6.6.6"
]
},
"Mode": "append",
"ZoneId": "zone-hduqwh"
}
```

Output Example

```
{
"Response": {
"RequestId": "728cb059-8595-44c7-b6c6-b4a539ae823f"
}
}
```

Example2 Modifying a security IP group with the operation "remove"

This example shows you how to modify a security IP group with the operation "remove".

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityIPGroup
<Common request parameters>

{
"IPGroup": {
"GroupId": 67,
"Name": "test3",
"Content": [
"1.3.1.1/16",
"6.6.6.6"
]
},
"Mode": "remove",
"ZoneId": "zone-hduqwh"
}
```

Output Example

```
{
"Response": {
"RequestId": "5bdc699c-68df-4cb7-9d0a-1c174b0374ad"
}
}
```

Example3 Modifying a security IP group with the operation "update"

This example shows you how to modify a security IP group with the operation "update".

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityIPGroup
<Common request parameters>
```

```
{
"IPGroup": {
"GroupId": 67,
"Name": "test3",
"Content": [
"1.2.1.1/24",
"3.3.3.3"
]
},
"Mode": "update",
"ZoneId": "zone-hduqwh"
}
```

Output Example

```
{
"Response": {
"RequestId": "sh1u8a90-xxxx-49cd-swui-27cb34daa779"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.Security	Invalid parameter.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteSecurityIPGroup

Last updated：2025-02-19 19:32:44

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a specified security IP group. Note that the security IP group cannot be deleted if it is referenced in a rule.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteSecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
GroupId	Yes	Integer	IP group ID.

3. Output Parameters

Parameter	Type	Description

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a security IP group

This example shows you how to delete a security IP group.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteSecurityIPGroup
<Common request parameters>

{
"GroupId": 85,
"ZoneId": "zone-qdwibsa"
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.Security	Invalid parameter.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeOriginProtection

Last updated：2025-02-19 19:32:43

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the origin protection configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOriginProtection.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneIds.N	No	Array of String	Set of site IDs to be queried. This is a required parameter.
Filters.N	No	Array of Filter	Filter conditions. Each filter condition can have up to 20 entries. See below for details: • `need-update` : Whether **the intermediate IP update is needed for the site**. Type: String Required: No Values:

			`true` : Update needed. `false` : Update not needed. • `plan-support` : Whether **origin protection is supported in the plan**. Type: String Required: No Values: `true` : Origin protection supported. `false` : Origin protection not supported.
Offset	No	Integer	Offset for paginated queries. Default value: 0.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 1000.

3. Output Parameters

Parameter Name	Type	Description
OriginProtectionInfo	Array of OriginProtectionInfo	Origin protection configuration. Note: This field may return `null` , indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 The following example shows you how to query the origin protection configuration.

The following example shows you how to query the origin protection configuration.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOriginProtection
<Common request parameters>
```

```
{
"ZoneIds": [
"zone-276zs184g93m"
],
"Filters": [
{
"Values": [
"true"
],
"Name": "need-update"
}
],
"Offset": 0,
"Limit": 20
}
```

Output Example

```
{
"Response": {
"RequestId": "de0a2b4f-df6d-4d2a-ac39-1706cbf8a797",
"OriginProtectionInfo": [
{
"ZoneId": "zone-276zs184g93m",
"Hosts": [
"www.qq.com"
],
"ProxyIds": [
"proxy-19389e5dwwxfs"
],
"CurrentIPWhitelist": {
"IPv4": [
"11.11.11.11/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
},
"NeedUpdate": true,
"Status": "online",
"PlanSupport": true,
"DiffIPWhitelist": {
"LatestIPWhitelist": {
"IPv4": [
"11.11.11.11/24",
```

```
"22.22.22.22/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
},
"AddedIPWhitelist": {
"IPv4": [
"22.22.22.22/24"
],
"IPv6": []
},
"RemovedIPWhitelist": {
"IPv4": [],
"IPv6": []
},
"NoChangeIPWhitelist": {
"IPv4": [
"11.11.11.11/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
}
}
}
]
}
}
```


5. Developer Resources

SDK

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter	Parameter error.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeSecurityTemplateBindings

Last updated：2025-02-19 19:32:42

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query bindings of a policy template.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSecurityTemplateBindings.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to query
TemplateId.N	Yes	Array of String	ID of the policy template to query.

3. Output Parameters

Parameter Name	Type	Description

SecurityTemplate	Array of SecurityTemplateBinding	Bindings of the specified policy template. When a domain name of a site is bound with the specified policy template, `TemplateScope` includes the `ZoneId` of the related site and the bindings of the domain name. Note: If the template is not bound with any domain name, and there is not any existing binding, `TemplateScope=0` is returned. In the binding list, the same domain name may appear repeatedly in the `EntityStatus` list with different `Status`. For example, when a domain name is being bound to another policy template, it's marked both `online` and `pending`.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying bindings of a policy template

This API returns all bindings of a policy template.

1. `Status=online` : The binding is taking effect.
2. `Status=pending` : The binding is establishing.
   Note: A domain name may appear multiple times in the bindings list with different status.

In this example, we query the bindings of the policy template `temp-fjsoelx` under the site example.com (site ID: zone-fdsjkfsda).

Note: The output contains completed and on-going bindings. The policy template is applied to these two domain names. `abc.example.com` is bound to the policy template specified by the request, and the policy runs normally. The binding status is `online`. `xyz.example.com` is being bound to another policy template. The new binding is not yet completed, and the current policy template is still valid. So it appears in both the `online` and `pending` list.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeSecurityTemplateBindings
<Common request parameters>

{
"ZoneId": "zone-fdsjjkfsda",
"TemplateId": [
"temp-fjsoelx"
]
}
```

Output Example

```
{
"Response": {
"SecurityTemplate": [
{
"TemplateId": "temp-fjsoelx",
"TemplateScope": [
{
"ZoneId": "zone-fdsjjkfsda",
"EntityStatus": [
{
"Entity": "abc.example.com",
"Status": "online",
"Message": ""
},
{
"Entity": "xyz.example.com",
"Status": "online",
"Message": ""
},
{
"Entity": "xyz.example.com",
"Status": "pending",
"Message": ""
}
]
}
]
}
],
"RequestId": "17d437bc-13a9-49bb-a6ac"
```

```
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifySecurityPolicy

Last updated：2025-03-21 14:27:23

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the web and bot security configurations.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifySecurityPolicy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
SecurityConfig	Yes	SecurityConfig	Security policy configuration. • When the `CustomRule` in the `SecurityPolicy` parameter is set, the `AclConfg` and `IpTableConfg` in the `SecurityConfig` parameter will be ignored; • when the `ManagedRule` in the `SecurityPolicy` parameter is set, the `WafConfig` in the `SecurityConfig` parameter will be ignored.

			• For custom rules and managed rule policy configuration, using `SecurityPolicy` parameter to configure settings is recommended.
SecurityPolicy	No	SecurityPolicy	Security policy configuration. The parameter is recommended to use for custom policies and managed rule configurations of web protection, it supports configuring security policies with expression grammar.
Entity	No	String	`SecurityPolicy` type, the following parameter values can be used for query: • `ZoneDefaultPolicy` : used to specify a query for site-level policies; • `Template` : used to specify a query for policy templates. the `TemplateId` parameter needs to be specified simultaneously; • `Host` : used to specify a query for domain-level policies (note: when using `Host` to specify a domain name service policy, only domain name services or policy templates that have been applied domain-level policies are supported).
Host	No	String	Specify the domain name. When the `Entity` parameter value is set to `Host` , use the domain-level policy specified by this parameter to query the domain configuration. For example, use `www.example.com` to configure the domain-level policy for that domain name.
TemplateId	No	String	Specify the policy template ID. Use this parameter to specify the ID of the policy Template to query the Template configuration when the `Entity` parameter value is set to `Template` .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modify Domain Name Policy

Modify the domain name policy for a.eotest.com under the eotest.com site

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"ZoneId": "zone-fa89j239a",
"Entity": "Host",
"Host": "a.eotest.com",
"SecurityConfig": {},
"SecurityPolicy": {
"CustomRules": {
"Rules": [
{
"Id": "1492837231",
"Name": "SampleBasicACLRule",
"Condition": "${http.request.ip} in ['1.1.1.1', '10.10.10.0/24', ${security.ip_gr
oup['123'@'zone-2xsnpvkhdjes']} ]",
"Action": {
"Name": "Deny"
},
"Priority": 10,
"Enabled": "on"
}
]
},
"ManagedRules": {
"Enabled": "on",
"AutoUpdate": {
"AutoUpdateToLatestVersion": "off",
"RulesetVersion": "2023-12-21T12:00:32Z"
},
"SemanticAnalysis": "on",
"DetectionOnly": "on",
"ManagedRuleGroups": [
{
"GroupId": "wafmanagedrulegroup-vulnerability-scanners",
```

```
"SensitivityLevel": "wafmanagedrule-sensitivity-level-extreme",
"Action": {
"Name": "Monitor"
}
}
]
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-777c481da684"
}
}
```

Example2 Modify Template Policy

Modify the template policy of temp-00iel413 under the eotest.com site

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"ZoneId": "zone-fa89j239a",
"Entity": "Template",
"TemplateId": "temp-00iel413",
"SecurityConfig": {},
"SecurityPolicy": {
"CustomRules": {
"Rules": [
{
"Id": "1492837231",
"Name": "SampleBasicACLRule",
"Condition": "${http.request.ip} in ['1.1.1.1', '10.10.10.0/24', ${security.ip_gr
oup['123'@'zone-2xsnpvkhdjes']} ]",
"Action": {
"Name": "Deny"
},
```

```
"Priority": 10,
"Enabled": "on"
}
]
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-777c481da684"
}
}
```

Example3 Modify Site-Level Policy

Modify the site-level policy of eotest.com

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"ZoneId": "zone-fa89j239a",
"Entity": "ZoneDefaultPolicy",
"SecurityConfig": {},
"SecurityPolicy": {
"ManagedRules": {
"Enabled": "on",
"AutoUpdate": {
"AutoUpdateToLatestVersion": "off",
"RulesetVersion": "2023-12-21T12:00:32Z"
},
"SemanticAnalysis": "on",
"DetectionOnly": "on",
"ManagedRuleGroups": [
{
"GroupId": "wafmanagedrulegroup-vulnerability-scanners",
"SensitivityLevel": "wafmanagedrule-sensitivity-level-extreme",
"Action": {
```

```
"Name": "Monitor"
}
}
]
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-777c481da684"
}
}
```

Example4 Modify Security Configuration

This example shows you how to modify the layer-7 security configuration for the a.eotest.com domain name.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"ZoneId": "zone-fa89j239a",
"Entity": "a.eotest.com",
"SecurityConfig": {
"WafConfig": {
"Switch": "on",
"WafRule": {
"Switch": "on",
"ObserveRuleIDs": [],
"BlockRuleIDs": [
162502146
]
},
"Mode": "block",
"Level": "loose"
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-2e6c481dae23"
}
}
```

Example5 Scenarios for Modifying Exception Rules in Security Configuration and Whitelisting Fields

In WAF protection, if there is a scenario (such as an HTTP request with the path /skipwaf) in your business that requires whitelisting some fields (such as all keys in the HTTP Header) to skip WAF security protection, you can use the following configuration.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"ZoneId": "zone-fa89j239a",
"Entity": "*.eotest.com",
"SecurityConfig": {
"ExceptConfig": {
"Switch": "on",
"ExceptUserRules": [
{
"Action": "skip",
"ExceptUserRuleConditions": [
{
"MatchContent": "/skipwaf",
"MatchFrom": "cgi",
"Operator": "equal"
}
],
"ExceptUserRuleScope": {
"Type": "partial",
"PartialModules": [
{
"Module": "waf",
```

```
"Include": [
106247778
]
}
],
"SkipConditions": [
{
"MatchContent": [],
"MatchFrom": [],
"Selector": "keys",
"Type": "header_fields"
}
]
},
"RuleID": 0,
"RuleName": "first_webshell",
"RulePriority": 0,
"RuleStatus": "on",
"UpdateTime": "2022-09-22T03:00:10Z"
}
]
}
}
}
```


Output Example


```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-2e6c481dae44"
}
}
```


Example6 Modifying Exception Rules in Security Configuration and Whitelisting Header Specifying key Field Scenarios

In WAF protection, if there is a scenario in your business (such as an HTTP request with the path /skipwaf) where you need to whitelist certain fields (such as the Value corresponding to YourSkipHeader in the HTTP Header) to skip WAF security protection, you can use the following configuration.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
```

```
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"ZoneId": "zone-fa89j239a",
"Entity": "*.eotest.com",
"SecurityConfig": {
"ExceptConfig": {
"Switch": "on",
"ExceptUserRules": [
{
"Action": "skip",
"ExceptUserRuleConditions": [
{
"MatchContent": "/skipwaf",
"MatchFrom": "cgi",
"Operator": "equal"
}
],
"ExceptUserRuleScope": {
"Type": "partial",
"PartialModules": [
{
"Module": "waf",
"Include": [
106247778
]
}
],
"SkipConditions": [
{
"MatchContent": [],
"MatchFrom": [
"YourSkipHeader"
],
"MatchFromType": "equal",
"Selector": "values",
"Type": "header_fields"
}
]
},
"RuleID": 0,
"RuleName": "first_webshell",
"RulePriority": 0,
"RuleStatus": "on",
"UpdateTime": "2022-09-22T03:00:10Z"
}
```

```
]
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-2e6c481dae66"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.

InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InvalidParameter.Security	Invalid parameter.
LimitExceeded.Security	Limit exceeded
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.
UnsupportedOperation	Unsupported operation.

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BindSecurityTemplateToEntity

Last updated：2025-02-19 19:32:45

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to bind/unbind a domain name to/from a specific policy template.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindSecurityTemplateToEntity.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID of the policy template to be bound to or unbound from.
Entities.N	Yes	Array of String	List of domain names to bind to/unbind from a policy template
Operate	Yes	String	Action options. Values include: • `bind` : Bind the domain names to the specified policy template • `unbind-keep-policy` : Unbind a domain name from a policy template and keep the current policy when unbinding • `unbind-use-default` : Unbind domain names from policy templates and use default blank policy.

			Note: Only one domain name can be unbound at one time. When `Operate` is `unbind-keep-policy` or `unbind-use-default`, there can only be one domain name specified in `Entities`.
TemplateId	Yes	String	Specifies the ID of the policy template or the site's global policy to be bound or unbound. - To bind to a policy template, or unbind from it, specify the policy template ID. - To bind to the site's global policy, or unbind from it, use the @ZoneLevel@domain parameter value. Note: After unbinding, the domain name will use an independent policy and rule quota will be calculated separately. Please make sure there is sufficient rule quota before unbinding.
OverWrite	No	Boolean	Whether to replace the existing policy template bound with the domain name. Values: • `true`: Replace the template bound to the domain. • `false`: Do not replace the template. Note: In this case, the API returns an error if there is already a policy template bound to the specified domain name.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Unbinding a domain name from a policy template

In this example, we unbind the domain name `a.test.com` from the policy template `temp-cuwg1hki` of the site `zone-2aq0e8rhu6jx`. Only one domain name can be unbound at one time. There are two options:

1. `unbind-keep-policy`: Unbind the domain name from the specified policy and create a new policy for the domain name with the same configuration as the original one. This takes additional rule quota.

2. `unbind-use-default` : Unbind the domain name from the specified policy and then bind it with the default policy with default configurations. Custom rules no longer take effect.

Note: To use `unbind-keep-policy` , make sure your rule quota is enough. If the remaining quota is insufficient, the unbinding fails and the domain name remains bound to the current policy template.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: OperateSecurityTemplate
<Common request parameters>

{
"ZoneId": "zone-2aq0e8rhu6jx",
"Entities": [
"a.test.com"
],
"TemplateId": "temp-cuwg1hki",
"Operate": "unbind-keep-policy"
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669"
}
}
```

Example2 Binding domain names to a policy template

In this example, we bind two domain names (a.test.com and b.example.com) to the policy template `temp-cuwg1hki` under the site `zone-2aq 0e8rhu6jx` .

Note: You need to have permissions to the related sites.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: OperateSecurityTemplate
```

```
<Common request parameters>

{
"ZoneId": "zone-2aq0e8rhu6jx",
"Entities": [
"a.test.com",
"b.example.com"
],
"TemplateId": "temp-cuwg1hki",
"Operate": "bind",
"OverWrite": true
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.Security	Invalid parameter.
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation	Unsupported operation.

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DescribeSecurityIPGroupInfo

Last updated：2025-02-19 19:32:42

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

The API is deprecated and will be discontinued on June 30, 2024. Please use the API DescribeSecurityIPGroup .

This API is used to query the configuration information of an IP group, including the IP group name, IP group content, and the site the IP group belongs to.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSecurityIPGroupInfo.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID, used to specify the query scope.
Limit	No	Integer	Maximum number of entries returned in a single response. Default value: 20. Maximum query entries: 1000.
Offset	No	Integer	The starting entry offset for pagination queries. The default value is 0.

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3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The number of IP groups that meet the conditions.
IPGroups	Array of IPGroup	Detailed configuration information of the IP group, including the ID, name, and IP/network segment list of each IP group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the configuration information of an IP group

This example shows you how to query the IP group configuration information for the specified site, and return the content of the first page with 10 records per page.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeSecurityIPGroupInfo
<Common request parameters>

{
"ZoneId": "zone-20hyebgyfsko",
"Limit": 10,
"Offset": 0
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"IPGroups": [
{
"GroupId": 123,
```

```
"Name": "ExampleIpGroup",
"Content": [
"123.123.123.0",
"23.23.23.0/24"
]
}
],
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Layer 4 Application Proxy APIs
CreateL4Proxy

Last updated：2025-02-19 19:33:15

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create Layer 4 proxy instances.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: C
Version	Yes	String	Common Params. The value used for this API: 2
Region	No	String	Common Params. This parameter is not required
ZoneId	Yes	String	Zone ID.
ProxyName	Yes	String	Name of the L4 proxy instance, which can contai characters, including a-z, 0-9, and hyphens (-). H hyphens (-) cannot be used individually or conse should not be placed at the beginning or end of tl Modification is not allowed after creation.
Area	Yes	String	Acceleration zone of the L4 proxy instance. • mainland: Chinese mainland availability zone;

			• overseas: global availability zone (excluding t mainland); • global: global availability zone.
Ipv6	No	String	Whether to enable IPv6 access. If this parameter the default value `off` is used. This configurati enabled only in certain acceleration zones and se protection configurations. For details, see [Creati Instance] (https://www.tencentcloud.com/document/produc from_cn_redirect=1). Valid values: • on: Enable; • off: Disable.
StaticIp	No	String	Whether to enable static IP. If this parameter is n default value `off` is used. This configuration c only in certain acceleration zones and security pr configurations. For details, see [Creating an L4 P (https://www.tencentcloud.com/document/produc from_cn_redirect=1). Valid values: • on: Enable; • off: Disable.
AccelerateMainland	No	String	Whether to enable network optimization for the C mainland. If this parameter is not input, the defau is used. This configuration can be enabled only ir acceleration zones and security protection config details, see [Creating an L4 Proxy Instance] (https://www.tencentcloud.com/document/produc from_cn_redirect=1). Valid values: • on: Enable; • off: Disable.
DDosProtectionConfig	No	DDosProtectionConfig	Configuration of L3/L4 DDoS protection. If this pa input, the default platform protection option is use see [Exclusive DDoS Protection Usage] (https://www.tencentcloud.com/document/produc from_cn_redirect=1).

3. Output Parameters

Parameter Name	Type	Description
ProxyId	String	L4 instance ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Layer 4 proxy instance with the acceleration zone of 'Availability Zone in the Chinese mainland'

This example shows you how to create a Layer 4 instance named 'test', with the acceleration zone of 'Availability zone in the Chinese mainland', under the zone with ZoneId 'zone-2jc2xy3hr7f7'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL4Proxy
<Common Request Parameters>

{
"ProxyName": "test",
"ZoneId": "zone-2jc2xy3hr7f7",
"Area": "mainland"
}
```

Output Example

```
{
"Response": {
"ProxyId": "sid-2jc2hl2hr8f7",
"RequestId": "0se57a54-cc42-11ed-8efb-525401a961b1"
}
}
```

Example2 Creating a Layer 4 proxy instance with the acceleration zone of 'Global Availability Zone (excluding Chinese mainland)' and exclusive DDoS protection enabled

This example shows you how to create a Layer 4 instance named 'test', with the acceleration zone of 'Global availability zone (excluding the Chinese mainland)', and exclusive DDoS protection enabled under the zone with ZoneId 'zone-2jc2xy3hr7f7', to provide full protection within the acceleration zone.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL4Proxy
<Common Request Parameters>

{
"ZoneId": "zone-2jc2xy3hr7f7",
"ProxyName": "test",
"Area": "overseas",
"DDosProtectionConfig": {
"LevelOverseas": "ANYCAST_ALLIN"
}
}
```

Output Example

```
{
"Response": {
"ProxyId": "sid-2jc2hl2hr8f7",
"RequestId": "0se57a54-cc42-11ed-8efb-525401a961b1"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.ProxyNameDuplicating	The instance name already exists.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.Ipv6AdvancedConflict	Exclusive DDoS protection conflicts with IPv6. They cannot be configured at the same time.
OperationDenied.Ipv6StaticIpConflict	The IPv6 feature and static IP cannot be enabled at the same time.
OperationDenied.L4LackOfResources	The layer-4 instance resource sales are skyrocketing and now the resources are sold out. Replenishing is in progress. Currently, new layer-4 proxies cannot be added. Please wait.
OperationDenied.MsgIpv6AdvancedConflict	IPv6 cannot be enabled for non-overseas exclusive protection.
OperationDenied.StaticIpAreaConflict	The static IP cannot be enabled for this instance's region.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

ModifyL4Proxy

Last updated：2025-02-19 19:33:12

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the configuration of a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Application ID.
Ipv6	No	String	Specifies whether to enable IPv6 access. If this parameter is not filled, this configuration will not be modified. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see [Creating an L4 Proxy Instance](https://www.tencentcloud.com/document/product/1552/90025?from_cn_redirect=1). Valid values: • on: Enable;

			• off: Disable.
AccelerateMainland	No	String	Specifies whether to enable network optimization in the Chinese mainland. If this parameter is not filled, this configuration will not be modified. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see [Creating an L4 Proxy Instance] (https://www.tencentcloud.com/document/product/1552/90025?from_cn_redirect=1). Valid values: • on: Enable; • off: Disable.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying IPv6 access configuration

This example shows you how to enable IPv6 access for the Layer 4 proxy instance with ZoneId 'zone-24wjy25v1cwi' and ProxyId 'sid-2qwk27xf7j9g'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4Proxy
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
```

```
"Ipv6": "on"
}
```

Output Example

```
{
"Response": {
"RequestId": "fbdb42f0-6a1e-4d397783c36csdf"
}
}
```

5. Developer Resources

SDK

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.

OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4LackOfResources	The layer-4 instance resource sales are skyrocketing and now the resources are sold out. Replenishing is in progress. Currently, new layer-4 proxies cannot be added. Please wait.
OperationDenied.L4ProxyInOfflineStatus	The Layer 4 channel is closed and rule addition is disallowed.
OperationDenied.L4ProxyInProcessStatus	The instance is currently in deployment and cannot be operated.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyL4ProxyStatus

Last updated：2025-02-19 19:33:11

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to enable or disable a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4ProxyStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
Status	Yes	String	Layer 4 proxy instance status. Valid values: • online: Enabled; • offline: Disabled.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Enabling a Layer 4 proxy instance

This example shows you how to enable the Layer 4 proxy instance with ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4ProxyStatus
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"Status": "online"
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5258-cdda-4f82-b7sc-0aef4a219244"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DescribeL4Proxy

Last updated：2025-02-19 19:33:13

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query a Layer 4 proxy instance list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the zone where the Layer 4 proxy instance belongs.
Offset	No	Integer	Paginated query offset. Defaults to 0 when not specified.
Limit	No	Integer	Paginated query limit. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of Filter	Filter criteria. The upper limit for Filters.Values is 20. If left empty, all Layer 4 proxy instance information under the current zone ID is returned. The detailed filter criteria are as follows: • proxy-id: Filters by Layer 4 proxy instance ID; • ddos-protection-type: Filters by security protection type;

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The number of Layer 4 proxy instances.
L4Proxies	Array of L4Proxy	List of Layer 4 proxy instances.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of Layer 4 proxy instances under a zone

This example shows you how to query the list of Layer 4 proxy instances under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL4Proxy
<Common Request Parameters>

{
"Offset": 1,
"Limit": 10,
"Filters": [],
"ZoneId": "zone-24wjy25v1cwi"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"L4Proxies": [
{
```

```
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"ProxyName": "test",
"Area": "mainland",
"Cname": "test.24wjy25v1cwi.eo.dnse5.com",
"Ips": [],
"Status": "online",
"Ipv6": "off",
"StaticIp": "off",
"AccelerateMainland": "off",
"UpdateTime": "2023-09-22T15:31:04+00:00"
}
],
"RequestId": "6f8h5258-cdda-4f82-b7sc-0aef4a219244"
}
}
```


5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteL4Proxy

Last updated：2025-02-19 19:33:14

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a Layer 4 proxy instance

This example shows you how to delete a Layer 4 proxy instance with ZoneId as 'zone-24wjy25v1cwi' and ProxyId as 'sid-2qwk27xf7j9g'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteL4Proxy
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g"
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5258-cdda-4f82-b7sc-0aef4a219244"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

CreateL4ProxyRules

Last updated：2025-02-19 19:33:14

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create Layer 4 proxy instance rules, supporting both individual and batch creation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
L4ProxyRules.N	Yes	Array of L4ProxyRule	List of forwarding rules. A single request supports up to 200 forwarding rules. Note: When L4ProxyRule is used here, Protocol, PortRange, OriginType, OriginValue, and OriginPortRange are required fields; ClientIPPassThroughMode, SessionPersist, SessionPersistTime, and RuleTag are optional fields; do not fill in RuleId and Status.

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3. Output Parameters

Parameter Name	Type	Description
L4ProxyRuleIds	Array of String	IDs of newly added forwarding rules, returned as an array.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Layer 4 proxy forwarding rule

This example shows you how to create a forwarding rule in the instance with ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"L4ProxyRules": [
{
"Protocol": "TCP",
"PortRange": [
"80"
],
"OriginType": "IP_DOMAIN",
"OriginValue": [
"119.23.100.45"
],
"OriginPortRange": "90",
```

```
"ClientIPPassThroughMode": "TOA",
"SessionPersist": "on",
"SessionPersistTime": 3600,
"RuleTag": "test"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5358-df6d-4d2a-ac39-1706cbf8a707",
"L4ProxyRuleIds": [
"rule-2qzkbvx3hxl1"
]
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidOriginValue	The origin server is incorrect or inexistent.
InvalidParameter.RulePortDuplicating	The rule port already exists.
LimitExceeded.ProxyRulesLimitExceeded	The number of rules imported has exceeded the limit.
OperationDenied	Operation denied.
OperationDenied.L4PortLackOfResources	The sale of Layer 4 port resources is booming and they have been sold out. We are urgently restocking. At present, it is not possible to add new Layer 4 proxies or rules, and we kindly ask for your patience.
ResourceNotFound	The resource doesn't exist.

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ModifyL4ProxyRules

Last updated：2025-02-19 19:33:11

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify Layer 4 proxy forwarding rules, supporting both individual and batch modification.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
L4ProxyRules.N	Yes	Array of L4ProxyRule	List of forwarding rules. A single request supports up to 200 forwarding rules. Note: When L4ProxyRule is used here, RuleId is a required field; Protocol, PortRange, OriginType, OriginValue, OriginPortRange, ClientIPPassThroughMode, SessionPersist, SessionPersistTime, and RuleTag are all

			optional fields. No modification is made when no value is specified for those fields. Status should not be filled.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Layer 4 proxy forwarding rules

This example shows you how to modify the RuleTag of the rule with RuleId 'rule-2qzkbvx3hxl7' in ProxyId 'sid-2qwk27xf7j9g' of ZoneId 'zone-24wjy25v1cwi' as 'service-1', Protocol as 'TCP', and ClientIPPassThroughMode as 'TOA'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"L4ProxyRules": [
{
"RuleId": "rule-2qzkbvx3hxl7",
"RuleTag": "service-1",
"Protocol": "TCP",
"ClientIPPassThroughMode": "TOA"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "3df3e931-3119-4237-adc7-7604e01e0fa9"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.

OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn’t exist.

ModifyL4ProxyRulesStatus

Last updated：2025-02-19 19:33:11

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to start or stop Layer 4 proxy forwarding rules, supporting both individual and batch operation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4ProxyRulesStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
RuleIds.N	Yes	Array of String	List of forwarding rule IDs. It supports up to 200 forwarding rules at a time.
Status	Yes	String	Status of forwarding rules. Valid values: • online: Enabled; • offline: Disabled.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Layer 4 proxy forwarding rule status in batches

This example shows you how to disable all rules with RuleId 'rule-2qzkbvx3hxl7' and 'rule-3pszkbox0hm1' in ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4ProxyRulesStatus
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"RuleIds": [
"rule-2qzkbvx3hxl7",
"rule-3pszkbox0hm1"
],
"Status": "offline"
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5358-3159-4337-adc7-7604e01e0fa9"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DescribeL4ProxyRules

Last updated：2025-02-19 19:33:12

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the forwarding rule list under a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
Offset	Yes	Integer	Paginated query offset. Defaults to 0 when not specified.
Limit	Yes	Integer	Paginated query limit. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of Filter	Filter criteria. The upper limit of Filters.Values is 20. If it is not filled in, all rule information under the current layer-4 instance will be returned. The detailed filter criteria are as follows:

			• rule-id: filter as per the rules under the layer-4 proxy instance by Rule ID. Rule ID is in the form: rule-31vv7qig0vjy; • rule-tag: filter as per the rules under the layer-4 proxy instance by Rule Tag.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total count of forwarding rules.
L4ProxyRules	Array of L4ProxyRule	List of forwarding rules.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the List of Forwarding Rules for Layer-4 Proxy Instances

This example shows you how to query the list of forwarding rules with ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL4ProxyRules
<Common request parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"Offset": 1,
"Limit": 0
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"L4ProxyRules": [
{
"RuleId": "rule-2qzkbvx3hxl1",
"Protocol": "TCP",
"PortRange": [
"80"
],
"OriginType": "IP_DOMAIN",
"OriginValue": [
"test.origin.com"
],
"OriginPortRange": "90",
"ClientIPPassThroughMode": "TOA",
"SessionPersist": "on",
"SessionPersistTime": 3600,
"RuleTag": "test",
"Status": "online"
}
],
"RequestId": "6f8h5358-cdda-4f82-b7sc-0aef4a219244"
}
}
```


Example2 Querying the List of Forwarding Rules for Layer-4 Proxy Instances under the Specified Forwarding Rule ID

This example shows you how to query the list of forwarding rules with ProxyId 'sid-33ik2zqsvcqq' and specified forwarding rule ID 'rule-33ik84rw3nuu' under the zone with ZoneId 'zone-2zzj3cyeonyy'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL4ProxyRules
<Common request parameters>

{
"ZoneId": "zone-2zzj3cyeonyy",
"ProxyId": "sid-33ik2zqsvcqq",
"Offset": 0,
"Limit": 10,
```

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```
"Filters": [
{
"Name": "rule-id",
"Values": [
"rule-33ik84rw3nuu"
]
}
]
}
```

Output Example

```
{
"Response": {
"L4ProxyRules": [
{
"ClientIPPassThroughMode": "TOA",
"OriginPortRange": "20",
"OriginType": "IP_DOMAIN",
"OriginValue": [
"test.origin.com"
],
"PortRange": [
"10"
],
"Protocol": "TCP",
"RemoteAuth": {
"Address": "",
"ServerFaultyBehavior": "allow",
"Switch": "off"
},
"RuleId": "rule-33ik84rw3nuu",
"RuleTag": "tag",
"SessionPersist": "on",
"SessionPersistTime": 2000,
"Status": "online"
}
],
"RequestId": "7bea447f-ec2f-41d2-bd49-5dc566359777",
"TotalCount": 1
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

DeleteL4ProxyRules

Last updated：2025-02-19 19:33:13

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete Layer 4 proxy forwarding rules, supporting both individual and batch operation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
RuleIds.N	Yes	Array of String	List of forwarding rule IDs. It supports up to 200 forwarding rules at a time.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting Layer 4 proxy forwarding rules in batches

This example shows you how to delete the rules with RuleId 'rule-2qzkbvx3hxl7' and 'rule-3pszkbox0hm1' in ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi' in batches.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"RuleIds": [
"rule-2qzkbvx3hxl7",
"rule-3pszkbox0hm1"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5358-3159-4337-adc7-7604e01e0fa9"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation	Unsupported operation.

Content Management APIs
CreatePurgeTask

Last updated：2025-02-19 19:33:33

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

When there are resources updated on the origin with the TTL remaining valid, users cannot access the latest resources. In this case, you can purge the cache using this API. There are two methods:

- Delete: This method deletes the node cache without verification and retrieves the latest resources from the origin when receiving a request.
- Invalidate: This method marks the node cache as invalid and sends a request with the If-None-Match and If-Modified-Since headers to the origin. If the origin responses with 200, the latest resources are retrieved to be cached on the node. If a 304 response is returned, the latest resources are not cached on the node.

For more details, see [Cache Purge](https://www.tencentcloud.com/document/product/1552/70759?from_cn_redirect=1).
A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePurgeTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.

Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id. . If you want to quickly submit targets urls under different sites, you can set it to *, but the account calling this api must have permission for all site resources under the main account.
Type	Yes	String	Type of cache purging. Values: • `purge_url` : Purge by the URL • `purge_prefix` : Purge by the directory • `purge_host` : Purge by the hostname • `purge_all` : Purge all caches • `purge_cache_tag` : Purge by the cache-tag For more details, see Cache Purge.
Method	No	String	Node cache purge method, valid for directory, hostname, and all cache refreshes. Valid values: • invalidate: Refreshes only resources that were updated under the directory; • delete: Refreshes all node resources, regardless of whether they were updated. Default value: invalidate.
Targets.N	No	Array of String	List of resources for which cache is to be purged. Each element format depends on the cache purge type and you can refer to the API examples for details. • The number of tasks that can be submitted at a time is limited by the quota of a billing package. For details, see [Billing Overview](https://www.tencentcloud.com/document/product/1552/77380?from_cn_redirect=1).
CacheTag	No	CacheTag	The information attached when the node cache purge type is set to purge_cache_tag.

3. Output Parameters

Parameter Name	Type	Description
JobId	String	ID of the task.
FailedList	Array of FailReason	List of failed tasks and reasons. Note: This field may return null, indicating that no valid values can be obtained.

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Purging by the URL

By using Delete method, resources under a URL that matches the specified hostname are removed.

This example shows you how to purge resources in the directory /a.txt under the site domain www.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"http://www.example.com/a.txt"
],
"Type": "purge_url",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwch",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example2 Purging by the hostname

By using Invalidate method, resources under a domain name that matches the specified hostname are marked as invalid.

This example shows you how to purge resources changed under the site domain www.example.com.

- Note: Domain names cannot include wildcards (*).

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"www.example.com"
],
"Type": "purge_host",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcs",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example3 Purging by the Cache-Tag

By using Invalidate method, resources under a site are associated with tags in the HTTP response header Cache-Tag and marked as invalid.

This example shows you how to purge resources that contain tag1, tag2 and tag3 and have changed under the site example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
```

```
"tag1",
"tag2",
"tag3"
],
"Type": "purge_cache_tag",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcs",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example4 Purging all caches under a site

By using Invalidate method, all cached resources under a site are marked as invalid.

This example shows you how to purge all cached resources changed under the site example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Type": "purge_all",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcs",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
```

```
}
}
```

Example5 Purging by the directory – Deleting resources in the directory

To purge all resources under a directory, pass `delete` into the Method field.

This example shows you how to purge all resources in the /test directory under www.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"http://www.example.com/test/"
],
"Type": "purge_prefix",
"Method": "delete",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwck",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example6 Only purging resources updated in the directory

To purge the resources updated under a directory, pass `invalidate` into the Method field.

This example shows you how to purge resources changed in the directory /test under the site domain www.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"http://www.example.com/test/"
],
"Type": "purge_prefix",
"Method": "invalidate",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcj",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.BackendError	Server error.
InternalError.DomainConfig	Failed to get configuration
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.QuotaSystem	Server error.
InvalidParameter.DomainNotFound	The domain name does not exist or is not belong to this account.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.Target	Resource error
InvalidParameter.TaskNotGenerated	Failed to create the task
InvalidParameter.UploadUrl	Invalid file upload link.
LimitExceeded.BatchQuota	Reached the upper limit of resource number
LimitExceeded.DailyQuota	Reached the daily upper limit of resource number
LimitExceeded.PackNotAllow	Not supported by the plan.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribePurgeTasks

Last updated：2025-02-19 19:33:31

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

DescribePurgeTasks is used to query the submitted URL refreshing and directory refreshing records and execution progress. This interface can be used to query the tasks submitted by the CreatePurgeTasks API.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePurgeTasks.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	Site ID. This parameter is required.
StartTime	No	Timestamp ISO8601	Start time of the query. Either time or job-id is required.
EndTime	No	Timestamp ISO8601	End time of the query. Either time or job-id is required.
Offset	No	Integer	Offset of paginated query. Default value: 0.

Limit	No	Integer	Number limit of paginated query. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter criteria. The maximum number of Filters.Values is 20. The detailed filter criteria are as follows: • job-id: Filter by task ID in the format like 1379afjk91u32h. Multiple values and fuzzy queries are not supported. • target: Filter by target resource information in the format like http://www.qq.com/1.txt or tag1. Multiple values are not supported yet. Fuzzy queries are supported. • domains: Filter by domain name in the format like www.qq.com. Fuzzy queries are not supported. • statuses: Filter by task status. Fuzzy queries are not supported. Options: ?? processing: processing ?? success: successful ?? failed: failed ?? timeout: timed out • type: Filter by cache clearance type. Multiple values and fuzzy queries are not supported yet. Options: ?? purge_url: URL ?? purge_prefix: prefix ?? purge_all: all cached content ?? purge_host: Hostname ?? purge_cache_tag: CacheTag

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of items in the query condition.
Tasks	Array of Task	Task result list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Historical Records of Cache Purging

After the refreshing task is submitted by using CreatePurgeTasks, use this API to query the refreshing task records and execution progress.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribePurgeTasks
<Common request parameters>

{
"ZoneId": "zone-wz8m9mgx",
"StartTime": "2022-02-09T00:00:00+08:00",
"EndTime": "2022-02-09T23:59:00+08:00",
"Limit": 1,
"Offset": 7
}
```

Output Example

```
{
"Response": {
"RequestId": "abc-afhhakf-24hkahf-2424",
"Tasks": [
{
"JobId": "20g9wz8m9mgx",
"Status": "success",
"Target": "http://www.qq.com/a.txt",
"Type": "purge_url",
"CreateTime": "2022-02-09T02:28:43Z",
"UpdateTime": "2022-02-09T02:28:52Z"
}
],
"TotalCount": 8
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.

CreatePrefetchTask

Last updated：2025-02-19 19:33:34

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a pre-warming task.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrefetchTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
Targets.N	No	Array of String	List of resources to be preheated. Each element format is similar to the following: http://www.example.com/example.txt. The parameter value is currently required. Note: The number of tasks that can be submitted is limited by the quota of a billing package. For details, see [Billing Overview] (https://www.tencentcloud.com/document/product/1552/77380?from_cn_redirect=1).
Headers.N	No	Array	HTTP header information

		of Header	

3. Output Parameters

Parameter Name	Type	Description
JobId	String	ID of the task.
FailedList	Array of FailReason	List of failed tasks. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Pre-warming a URL

The example shows you how to submit a pre-warming task.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePrefetchTask
<Common request parameters>

{
"Targets": [
"http://www.qq.com/a.txt"
],
"ZoneId": "zone-ajj243dwrew",
"EncodeUrl": true
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwch",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.BackendError	Server error.
InternalError.DomainConfig	Failed to get configuration
InternalError.FailedToGenerateUrl	Failed to generate an upload link.
InternalError.QuotaSystem	Server error.

InvalidParameter.DomainNotFound	The domain name does not exist or is not belong to this account.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.Target	Resource error
InvalidParameter.TaskNotGenerated	Failed to create the task
InvalidParameter.UploadUrl	Invalid file upload link.
LimitExceeded.BatchQuota	Reached the upper limit of resource number
LimitExceeded.DailyQuota	Reached the daily upper limit of resource number
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribePrefetchTasks

Last updated：2025-02-19 19:33:32

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

DescribePrefetchTasks is used to query the submission history and execution progress of preheating tasks. This interface can be used to query the tasks submitted by the CreatePrefetchTasks interface.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrefetchTasks.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	Site ID. This parameter is required.
StartTime	No	Timestamp ISO8601	Start time of the query. Either time or job-id is required.
EndTime	No	Timestamp ISO8601	End time of the query. Either time or job-id is required.
Offset	No	Integer	Offset of paginated query. Default value: 0.

Limit	No	Integer	Number limit of paginated query. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter criteria. The maximum number of Filters.Values is 20. The detailed filter criteria are as follows: • job-id: Filter by task ID in the format like 1379afjk91u32h. Multiple values and fuzzy queries are not supported. • target: Filter by target resource information in the format like http://www.qq.com/1.txt. Multiple values and fuzzy queries are not supported. • domains: Filter by domain name in the format like www.qq.com. Fuzzy queries are not supported. • statuses: Filter by task status. Fuzzy queries are not supported. Options: ??processing: processing ??success: successful ??failed: failed ??timeout: timed out ??invalid: invalid, that is, the response status code of the origin server is not 2xx. Please check the origin server service.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of items in the query condition.
Tasks	Array of Task	Task result list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Preheating Tasks

After the preheating task is submitted by using CreatePrefetchTasks, use this API to query the preheating task records and execution progress.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribePrefetchTasks
<Common request parameters>

{
"ZoneId": "zone-z8m9mgx",
"StartTime": "2022-02-09T00:00:00+08:00",
"EndTime": "2022-02-09T23:59:00+08:00",
"Limit": 1,
"Offset": 7
}
```

Output Example

```
{
"Response": {
"RequestId": "abc-afhhakf-24hkahf-2424",
"Tasks": [
{
"JobId": "20g9wz8m9mgx",
"Status": "success",
"Target": "http://www.qq.com/a.txt",
"Type": "prefetch_url",
"CreateTime": "2022-02-09T02:28:43Z",
"UpdateTime": "2022-02-09T02:28:52Z"
}
],
"TotalCount": 8
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.
UnauthorizedOperation.DomainEmpty	Authentication error.

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DescribeContentQuota

Last updated：2025-02-19 19:33:32

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query content management quotas.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeContentQuota.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.

3. Output Parameters

Parameter Name	Type	Description
PurgeQuota	Array	Purging quotas.

	of Quota	Note: This field may return null, indicating that no valid values can be obtained.
PrefetchQuota	Array of Quota	Pre-warming quotas. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying quota

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeContentQuota
<Common request parameters>

{
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"RequestId": "abc-ajj243-afjkj245-af",
"PrefetchQuota": [
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "prefetch_url"
}
],
"PurgeQuota": [
{
"Batch": 2000,
"Daily": 10000,
```

```
"DailyAvailable": 10000,
"Type": "purge_url"
},
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "purge_prefix"
},
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "purge_host"
},
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "purge_all"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

Data Analysis APIs
DescribeDDoSAttackData

Last updated：2025-07-01 11:07:40

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the time-series data of DDoS attacks.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDDoSAttackData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time. The query time range (`EndTime` - `StartTime`) must be less than or equal to 31 days.
MetricNames.N	Yes	Array of String	Statistical metrics. • `ddos_attackMaxBandwidth` : Peak attack bandwidth;

			• `ddos_attackMaxPackageRate` : Peak attack packet rate; • `ddos_attackBandwidth` : Time-series data of attack bandwidth; • `ddos_attackPackageRate` : Time-series data of attack packet rate.
ZoneIds.N	No	Array of String	Zone ID set. This parameter is required. A maximum of 100 zone IDs can be passed in. If you need to query data for all zones under the Tencent Cloud main account, please use "*" instead. To query account-level data, you need to have full resource permissions for all zones of this interface.
PolicyIds.N	No	Array of Integer	IDs of DDoS policies to be queried. All policies will be selected if this field is not specified.
Interval	No	String	Query period granularity. Valid values: • min: 1 minute; • 5min: 5 minutes; • hour: 1 hour; • day: 1 day. If this parameter is not filled in, the granularity will be automatically calculated based on the interval between the start time and end time. Specifically, data will be queried with a granularity of min, 5min, hour, and day respectively when the period is no more than 2 hours, no more than 2 days, no more than 7 days, and over 7 days.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of SecEntry	List of DDoS attack data. Note: This field may return null, indicating that no valid values can be obtained.

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Time-series Data of DDoS Attacks

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDDoSAttackData
<Common request parameters>
{
"MetricNames": [
"ddos_attackMaxBandwidth"
],
"Interval": "min",
"PolicyIds": [
1706
],
"ZoneIds": [
"zone-21xfqlh4qjee"
],
"StartTime": "2022-08-22T00:00:00+00:00",
"EndTime": "2022-08-23T00:00:00+00:00",
"Area": "overseas"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"Data": [
{
"Value": [
{
"Max": 100,
"Metric": "ddos_attackMaxBandwidth",
"Avg": 100.0,
"Detail": [
```

```
{
"Value": 100
}
],
"Sum": 100.0
}
],
"Key": "ddos_attackMaxBandwidth"
}
],
"RequestId": "a79e60f8-34cc-4ee5-a7f9-a24adb572c68"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.

InternalError.ProxyServer	An unknown error occurred in the backend server.
LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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DescribeDDoSAttackEvent

Last updated：2025-07-01 11:07:39

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query DDoS attack events.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDDoSAttackEvent.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time. The query time range (`EndTime` - `StartTime`) must be less than or equal to 31 days.
PolicyIds.N	No	Array of Integer	List of DDoS policy IDs. All policies are selected if this field is not specified.
ZoneIds.N	No	Array of String	Zone ID set. This parameter is required. A maximum of 100 zone IDs can be passed in. If you need to query data for all zones under

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			the Tencent Cloud main account, please use "*" instead. To query account-level data, you need to have full resource permissions for all zones of this interface.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 1000.
Offset	No	Integer	The page offset. Default value: 0.
ShowDetail	No	Boolean	Parameter to show attack details. If it is configured as false, only the number of attacks is returned without details. If it is configured as true, attack details are returned.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.
OrderBy	No	String	The sorting field. Values: • `MaxBandWidth` : Peak bandwidth • `AttackStartTime` Start time of the attack If this field is not specified, the default value `AttackStartTime` is used.
OrderType	No	String	The sorting method. Values: • `asc` : Ascending • `desc` : Descending If this field is not specified, the default value `desc` is used.

3. Output Parameters

Parameter Name	Type	Description
Data	Array of DDoSAttackEvent	List of DDoS attack data. Note: This field may return `null` , indicating that no valid value was found.
TotalCount	Integer	Total number of query results.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the

		request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying a DDoS attack event

Querying a DDoS attack event

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDDoSAttackEvent
<Common request parameters>{
"Limit": 1,
"Offset": 1,
"PolicyIds": [
1245
],
"ZoneIds": [
"zone-21xfqlh4qjee"
],
"StartTime": "2020-09-22T00:00:00+00:00",
"EndTime": "2020-09-22T00:00:00+00:00",
"ShowDetail": false,
"Area": "overseas"
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"Data": [
{
"EventId": "12214521",
"AttackPacketMaxRate": 10,
"AttackEndTime": 1659595468,
"AttackMaxBandWidth": 10,
"AttackStartTime": 1659595468,
"ZoneId": "zone-21xfqlh4qjee",
"PolicyId": 1245,
```

```
"AttackType": "UDPFLOOD",
"AttackStatus": 1,
"Area": "mainland",
"DDoSBlockData": [
{
"StartTime": 1659595468,
"EndTime": 0,
"BlockArea": "Access resitricted in some regions."
}
]
}
],
"RequestId": "c0ce8b7c-a48f-4eed-a0eb-c24177efc430"
}
}
```


5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeDDoSAttackTopData

Last updated：2025-07-01 11:07:38

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the top-ranked DDoS attack data.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDDoSAttackTopData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time. The query time range (`EndTime` - `StartTime`) must be less than or equal to 31 days.
MetricName	Yes	String	The statistical metric. Values: • `ddos_attackFlux_protocol` : Rank protocols by the attack traffic. • `ddos_attackPackageNum_protocol` : Rank protocols by the number of attack packets.

			• `ddos_attackNum_attackType` : Rank attack types by the number of attacks. • `ddos_attackNum_sregion` : Rank attacker regions by the number of attacks. • `ddos_attackFlux_sip` : Rank attacker IPs by the number of attacks. • `ddos_attackFlux_sregion` : Rank attacker regions by the number of attacks.
ZoneIds.N	No	Array of String	Zone ID set. This parameter is required. A maximum of 100 zone IDs can be passed in. If you need to query data for all zones under the Tencent Cloud main account, please use "*" instead. To query account-level data, you need to have full resource permissions for all zones of this interface.
PolicyIds.N	No	Array of Integer	The list of DDoS policy IDs to be specified. All policies will be selected if this field is not specified.
AttackType	No	String	The attack type. Values: • `flood` : Flood; • `icmpFlood` : ICMP flood; • `all` : All attack types. This field will be set to the default value `all` if not specified.
ProtocolType	No	String	The protocol type. Values: • `tcp` : TCP protocol; • `udp` : UDP protocol; • `all` : All protocol types. This field will be set to the default value `all` if not specified.
Port	No	Integer	The port number.
Limit	No	Integer	Queries the top n rows of data. Top 10 rows of data will be queried if this field is not specified.
Area	No	String	Data storage region. Values: • `overseas` : Global (outside the Chinese mainland); • `mainland` : Chinese mainland. If this field is not specified, the data storage region will be determined based on the user's location.

3. Output Parameters

Parameter	Type	Description

Name		
Data	Array of TopEntry	The list of top-ranked DDoS attack data. Note: This field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Total number of query results.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the top-ranked DDoS attack data

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDDoSAttackTopData
<Common request parameters>

{
"AttackType": "UDPFLOOD",
"MetricName": "ddos_attackFlux_protocol",
"ProtocolType": "udp",
"PolicyIds": [
1705
],
"ZoneIds": [
"zone-21xfqlh4qjee"
],
"Limit": 1,
"StartTime": "2020-09-22T00:00:00+00:00",
"EndTime": "2020-09-22T00:00:00+00:00",
"Port": 22,
"Area": "overseas"
}
```

Output Example

```
{
"Response": {
```

```
"TotalCount": 10,
"Data": [
{
"Value": [
{
"Count": 123,
"Name": "udp"
}
],
"Key": "zone-21xfqlh4qjee"
}
],
"RequestId": "3824cf60-c2aa-4f4a-95b7-a4d5e4dee188"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceNotFound	The resource doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeOverviewL7Data

Last updated：2025-02-19 19:33:23

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the time sequence traffic data of the monitoring category in L7. This API is to be discarded. Please use the API DescribeTimingL7AnalysisData.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOverviewL7Data.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	Start time.
EndTime	Yes	Timestamp ISO8601	End time.
MetricNames.N	Yes	Array of String	Queried metric. Valid values: • l7Flow_outFlux: EdgeOne response traffic; • l7Flow_inFlux: EdgeOne request traffic;

			• l7Flow_outBandwidth: EdgeOne response bandwidth; • l7Flow_inBandwidth: EdgeOne request traffic; • l7Flow_hit_outFlux: cache hit traffic; • l7Flow_request: number of access requests; • l7Flow_flux: upstream and downstream traffic of access requests; • l7Flow_bandwidth: upstream and downstream bandwidths of access requests.
ZoneIds.N	No	Array of String	Site ID set. This parameter is required.
Domains.N	No	Array of String	Queried domain name set. This parameter has been deprecated.
Protocol	No	String	Protocol type of the query. Valid values: • http: HTTP protocol; • https: HTTPS protocol; • http2: HTTP/2 protocol; • all: all protocols. If this parameter is not input, the default value `all` is used. This parameter is not yet effective.
Interval	No	String	Time granularity of the query. Valid values: • min: 1 minute; • 5min: 5 minutes; • hour: 1 hour; • day: 1 day. If this parameter is not input, the granularity will be automatically inferred based on the interval between the start time and end time. Specifically, the granularity value is min, 5min, hour, and day respectively for queries of data within 1 hour, within 2 days, within 7 days, and over 7 days.
Filters.N	No	Array of QueryCondition	Filter criteria. The detailed Key values of filter criteria are as follows: • socket: Filter by [**HTTP protocol type**]. Valid values: HTTP: HTTP protocol; HTTPS: HTTPS protocol; QUIC: QUIC protocol. • domain ?? Filter by [**domain name**]. • tagKey ?? Filter by [**tag key**].

			• tagValue ?? Filter by [**tag value**].
Area	No	String	Data ownership area. Valid values: • overseas: global (excluding the Chinese mainland) data; • mainland: Chinese mainland data; • global: global data. If this parameter is not input, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of entries in the query result.
Data	Array of TimingDataRecord	List of time series traffic data in L7 monitoring. Note: This field may return null, which indicates a failure to obtain a valid value.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Time Sequence Traffic Data based on the Tag

Obtain the indicator for the number of requests based on the filtering conditions of tags.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOverviewL7Data
<Common request parameters>

{
```

```
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"Filters": [
{
"Key": "tagKey",
"Operator": "equals",
"Value": [
"test1"
]
},
{
"Key": "tagValue",
"Operator": "equals",
"Value": [
"a.com",
"b.com"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```


Output Example


```
{
"Response": {
"RequestId": "6cc74d08-c174-413a-976b-abe7b851e0121",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 1564,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 100
},
{
```

```
"Timestamp": 1659225600,
"Value": 34
}
],
"Max": 8037,
"MetricName": "l7Flow_request",
"Sum": 48511
}
]
}
],
"TotalCount": 1
}
}
```


Example2 Querying L7 Monitoring Time Sequence Traffic Data

Indicator for the number of L7 monitoring data query requests

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOverviewL7Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example


```
{
"Response": {
"RequestId": "6cc74d08-c174-413a-976b-abe7b851e010",
"Data": [
```

```
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 1564,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1659225600,
"Value": 0
}
],
"Max": 8037,
"MetricName": "l7Flow_request",
"Sum": 48511
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.RouteError	The backend routing address is incorrect.
InvalidParameter	Parameter error.
InvalidParameterValue	Invalid parameter value.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTimingL7CacheData

Last updated：2025-02-19 19:33:21

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the time series traffic data of the L7 cache analysis. It will be deprecated. Use the DescribeTimingL7AnalysisData API instead.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTimingL7CacheData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricNames.N	Yes	Array of String	The query metric. Values: • l7Cache_outFlux: Response traffic. • l7Cache_request: Response requests.

			• l7Cache_outBandwidth: Response bandwidth.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Filters.N	No	Array of QueryCondition	Filter conditions. See below for details: • `domain` Filter by the **sub-domain name**, such as `test.example.com` Type: String Required: No • `url` Filter by the **URL**, such as `/content`. The query period cannot exceed 30 days. Type: String Required: No • `resourceType` Filter by the **resource file type**, such as `jpg`, `png`. The query period cannot exceed 30 days. Type: String Required: No • cacheType Filter by the **cache hit result**. Type: String Required: No Values: `hit`: Cache hit; `dynamic`: Resource non-cacheable; `miss`: Cache miss • `statusCode` Filter by the **status code**. The query period cannot exceed 30 days. Type: String Required: No Values: `1XX`: All 1xx status codes; `100`: 100 status code; `101`: 101 status code; `102`: 102 status code; `2XX`: All 2xx status codes; `200`: 200 status code; `201`: 201 status code; `202`: 202 status code; `203`: 203 status code; `204`: 204 status code; `205`: 205 status code;

			`206` : 206 status code; `207` : 207 status code; `3XX` : All 3xx status codes; `300` : 300 status code; `301` : 301 status code; `302` : 302 status code; `303` : 303 status code; `304` : 304 status code; `305` : 305 status code; `307` : 307 status code; `4XX` : All 4xx status codes; `400` : 400 status code; `401` : 401 status code; `402` : 402 status code; `403` : 403 status code; `404` : 404 status code; `405` : 405 status code; `406` : 406 status code; `407` : 407 status code; `408` : 408 status code; `409` : 409 status code; `410` : 410 status code; `411` : 411 status code; `412` : 412 status code; `412` : 413 status code; `414` : 414 status code; `415` : 415 status code; `416` : 416 status code; `417` : 417 status code; `422` : 422 status code; `423` : 423 status code; `424` : 424 status code; `426` : 426 status code; `451` : 451 status code; `5XX` : All 5xx status codes; `500` : 500 status code; `501` : 501 status code; `502` : 502 status code; `503` : 503 status code; `504` : 504 status code; `505` : 505 status code; `506` : 506 status code; `507` : 507 status code;

			`510` : 510 status code; `514` : 514 status code; `544` : 544 status code. • `tagKey` : Filter by the **tag key** Type: String Required: No • `tagValue` Filter by the **tag value** Type: String Required: No
Interval	No	String	The query time granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the interval between the start time and end time as follows: 1-minute granularity applies for a 1-hour interval, 5-minute granularity for a 2-day interval, 1-hour granularity for a 7-day interval, and 1-day granularity for an interval of over 7 days.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	The list of cached L7 time-series data. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every

		request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Time Series Traffic Data by Specified Status Code

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7CacheData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Cache_outFlux"
],
"Filters": [
{
"Key": "statusCode",
"Operator": "equals",
"Value": [
"1XX",
"2XX"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "1c827ba2-7010-45d2-123b-6d0c4d34ihsx",
```

```
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 239058,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 10
},
{
"Timestamp": 1661731200,
"Value": 10
}
],
"Max": 2363561,
"MetricName": "l7Cache_outFlux",
"Sum": 7410804
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
LimitExceeded	The quota limit has been reached.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTopL7CacheData

Last updated：2025-02-19 19:33:20

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the top N data of the L7 cache analysis. It will be deprecated. Use the DescribeTopL7AnalysisData API instead.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTopL7CacheData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricName	Yes	String	The query metric. Values: • l7Cache_outFlux_domain: Host/Domain name; • l7Cache_outFlux_url: URL address; • l7Cache_outFlux_resourceType: Resource type;

			• l7Cache_outFlux_statusCode: Status code.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Limit	No	Integer	The number of data entries to be queried. The maximum value is 1000. If it is not specified, the value 10 is used by default, indicating that the top 10 data entries.
Filters.N	No	Array of QueryCondition	Filter conditions. See below for details: • `domain` Filter by the **sub-domain name**, such as `test.example.com` Type: String Required: No • `url` Filter by the **URL**, such as `/content` . The query period cannot exceed 30 days. Type: String Required: No • `resourceType` Filter by the **resource file type**, such as `jpg` , `png` . The query period cannot exceed 30 days. Type: String Required: No • cacheType Filter by the **cache hit result**. Type: String Required: No Values: `hit` : Cache hit; `dynamic` : Resource non-cacheable; `miss` : Cache miss • `statusCode` Filter by the **status code**. The query period cannot exceed 30 days. Type: String Required: No Values: `1XX` : All 1xx status codes; `100` : 100 status code; `101` : 101 status code; `102` : 102 status code; `2XX` : All 2xx status codes; `200` : 200 status code; `201` : 201 status code;

			`202` : 202 status code; `203` : 203 status code; `204` : 204 status code; `205` : 205 status code; `206` : 206 status code; `207` : 207 status code; `3XX` : All 3xx status codes; `300` : 300 status code; `301` : 301 status code; `302` : 302 status code; `303` : 303 status code; `304` : 304 status code; `305` : 305 status code; `307` : 307 status code; `4XX` : All 4xx status codes; `400` : 400 status code; `401` : 401 status code; `402` : 402 status code; `403` : 403 status code; `404` : 404 status code; `405` : 405 status code; `406` : 406 status code; `407` : 407 status code; `408` : 408 status code; `409` : 409 status code; `410` : 410 status code; `411` : 411 status code; `412` : 412 status code; `412` : 413 status code; `414` : 414 status code; `415` : 415 status code; `416` : 416 status code; `417` : 417 status code; `422` : 422 status code; `423` : 423 status code; `424` : 424 status code; `426` : 426 status code; `451` : 451 status code; `5XX` : All 5xx status codes; `500` : 500 status code; `501` : 501 status code; `502` : 502 status code; `503` : 503 status code;

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			`504` : 504 status code; `505` : 505 status code; `506` : 506 status code; `507` : 507 status code; `510` : 510 status code; `514` : 514 status code; `544` : 544 status code. • `tagKey` : Filter by the **tag key** Type: String Required: No • `tagValue` Filter by the **tag value** Type: String Required: No
Interval	No	String	The query time granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the interval between the start time and end time as follows: 1-minute granularity applies for a 1-hour interval, 5-minute granularity for a 2-day interval, 1-hour granularity for a 7-day interval, and 1-day granularity for an interval of over 7 days.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of	The list of cached L7 top-ranked traffic data.

	TopDataRecord	Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Top Traffic Data by Specified Status Code

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7CacheData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "5",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Cache_outFlux_cacheType",
"Filters": [
{
"Key": "statusCode",
"Operator": "equals",
"Value": [
"2XX",
"3XX"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "64463c6f-3296-47fa-b168-2040f841eed1",
"Data": [
{
"DetailData": [
{
"Key": "hit",
"Value": 5810001
},
{
"Key": "miss",
"Value": 658
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTimingL4Data

Last updated：2025-07-01 11:07:37

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the list of L4 traffic data recorded over time.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTimingL4Data.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time. The query time range (`EndTime` - `StartTime`) must be less than or equal to 31 days.
MetricNames.N	Yes	Array of String	Metric list. Valid values: • l4Flow_connections: number of concurrent connections;

			• l4Flow_flux: total traffic; • l4Flow_inFlux: inbound traffic; • l4Flow_outFlux: outbound traffic. • l4Flow_inBandwidth: inbound peak bandwidth. • l4Flow_outBandwidth: outbound peak bandwidth.
ZoneIds.N	No	Array of String	Zone ID set. This parameter is required. A maximum of 100 zone IDs can be passed in. If you need to query data for all zones under the Tencent Cloud main account, please use "*" instead. To query account-level data, you need to have full resource permissions for all zones of this interface.
ProxyIds.N	No	Array of String	List of L4 proxy IDs. All L4 proxies will be selected if this field is not specified.
Interval	No	String	The query granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the query period. Period <= 1 hour: `min` ; 1 hour < period <= 2 days: `5min` ; 2 days < period <= 7 days: `hour` ; Period > 7 days: `day` .
Filters.N	No	Array of QueryCondition	Filter criteria. The detailed key values of filter criteria are as follows: • ruleId: filter by forwarding rule ID. • proxyId: filter by L4 proxy instance ID.
Area	No	String	Data ownership region. This parameter is deprecated. Please filter data by client region in Filters.country.

3. Output Parameters

Parameter Name	Type	Description

TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	The list of L4 traffic data recorded over time. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying L4 Time Sequence Traffic Data

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL4Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l4Flow_inFlux"
],
"ZoneIds": [
"zone-28kw53cmc6ky"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "e12e0659-ae34-4140-9878-4a61db0c3639",
"Data": [
{
```

```
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 740563,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1659225600,
"Value": 0
}
],
"Max": 6319079,
"MetricName": "l4Flow_inFlux",
"Sum": 22957455
}
]
}
],
"TotalCount": 1
}
}
```


Example2 Querying L4 Traffic Data based on L4 Proxy ID

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL4Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l4Flow_inFlux"
],
"ZoneIds": [
"zone-28kw53cmc6ky"
],
```

```
"Filters": [
{
"Key": "proxyId",
"Operator": "equals",
"Value": [
"sid-2c2uug8ubfmn"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "962792de-3bfe-483d-99a7-3cfde0467495",
"Data": [
{
"TypeKey": "zone-28kw53cmc6ky",
"TypeValue": [
{
"Avg": 267,
"Detail": [
{
"Timestamp": 1671669600,
"Value": 390
},
{
"Timestamp": 1671669900,
"Value": 740
},
{
"Timestamp": 1671670200,
"Value": 0
},
{
"Timestamp": 1671670500,
"Value": 0
},
{
"Timestamp": 1671670800,
"Value": 562
},
{
"Timestamp": 1671671100,
"Value": 690
```

```
},
{
"Timestamp": 1671671400,
"Value": 0
},
{
"Timestamp": 1671671700,
"Value": 1353
},
{
"Timestamp": 1671672000,
"Value": 1291
},
{
"Timestamp": 1671672300,
"Value": 0
},
{
"Timestamp": 1671672600,
"Value": 0
},
{
"Timestamp": 1671672900,
"Value": 300
},
{
"Timestamp": 1671673200,
"Value": 453
},
{
"Timestamp": 1671673500,
"Value": 0
},
{
"Timestamp": 1671673800,
"Value": 19
},
{
"Timestamp": 1671674100,
"Value": 0
},
{
"Timestamp": 1671674400,
"Value": 0
},
{
"Timestamp": 1671674700,
```

```
"Value": 204
},
{
"Timestamp": 1671675000,
"Value": 530
},
{
"Timestamp": 1671675300,
"Value": 0
},
{
"Timestamp": 1671675600,
"Value": 975
},
{
"Timestamp": 1671675900,
"Value": 777
},
{
"Timestamp": 1671676200,
"Value": 0
},
{
"Timestamp": 1671676500,
"Value": 530
},
{
"Timestamp": 1671676800,
"Value": 320
},
{
"Timestamp": 1671677100,
"Value": 303
},
{
"Timestamp": 1671677400,
"Value": 0
},
{
"Timestamp": 1671677700,
"Value": 183
},
{
"Timestamp": 1671678000,
"Value": 320
},
{
```

```
"Timestamp": 1671678300,
"Value": 670
},
{
"Timestamp": 1671678600,
"Value": 131
},
{
"Timestamp": 1671678900,
"Value": 804
},
{
"Timestamp": 1671679200,
"Value": 131
}
],
"Max": 31540,
"MetricName": "l4Flow_outFlux",
"Sum": 147864
}
]
}
],
"TotalCount": 1
}
}
```


Example3 Querying L4 Traffic Data based on the Forwarding Rule ID

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL4Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l4Flow_inFlux"
],
"ZoneIds": [
```

```
"zone-28kw53cmc6ky"
],
"Filters": [
{
"Key": "ruleId",
"Operator": "equals",
"Value": [
"rule-033950bf-6fc4-11ed-8ab2-525400a22580"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "962792de-3bfe-483d-99a7-3cfde0467495",
"Data": [
{
"TypeKey": "zone-28kw53cmc6ky",
"TypeValue": [
{
"Avg": 267,
"Detail": [
{
"Timestamp": 1671669600,
"Value": 390
},
{
"Timestamp": 1671669900,
"Value": 740
},
{
"Timestamp": 1671670200,
"Value": 0
},
{
"Timestamp": 1671670500,
"Value": 0
},
{
"Timestamp": 1671670800,
"Value": 562
},
{
```

```
"Timestamp": 1671671100,
"Value": 690
},
{
"Timestamp": 1671671400,
"Value": 0
},
{
"Timestamp": 1671671700,
"Value": 1353
},
{
"Timestamp": 1671672000,
"Value": 1291
},
{
"Timestamp": 1671672300,
"Value": 0
},
{
"Timestamp": 1671672600,
"Value": 0
},
{
"Timestamp": 1671672900,
"Value": 300
},
{
"Timestamp": 1671673200,
"Value": 453
},
{
"Timestamp": 1671673500,
"Value": 0
},
{
"Timestamp": 1671673800,
"Value": 19
},
{
"Timestamp": 1671674100,
"Value": 0
},
{
"Timestamp": 1671674400,
"Value": 0
},
```

```
{
"Timestamp": 1671674700,
"Value": 204
},
{
"Timestamp": 1671675000,
"Value": 530
},
{
"Timestamp": 1671675300,
"Value": 0
},
{
"Timestamp": 1671675600,
"Value": 975
},
{
"Timestamp": 1671675900,
"Value": 777
},
{
"Timestamp": 1671676200,
"Value": 0
},
{
"Timestamp": 1671676500,
"Value": 530
},
{
"Timestamp": 1671676800,
"Value": 320
},
{
"Timestamp": 1671677100,
"Value": 303
},
{
"Timestamp": 1671677400,
"Value": 0
},
{
"Timestamp": 1671677700,
"Value": 183
},
{
"Timestamp": 1671678000,
"Value": 320
```

```
},
{
"Timestamp": 1671678300,
"Value": 670
},
{
"Timestamp": 1671678600,
"Value": 131
},
{
"Timestamp": 1671678900,
"Value": 804
},
{
"Timestamp": 1671679200,
"Value": 131
}
],
"Max": 31540,
"MetricName": "l4Flow_outFlux",
"Sum": 147864
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
LimitExceeded	The quota limit has been reached.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTimingL7AnalysisData

Last updated：2025-07-01 11:07:36

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the time series data of the L7 domain name. Note that there is a delay of about 10 minutes for this API. It is recommended to pull data from 10 minutes before the current time.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTimingL7AnalysisData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time. The query time range (`EndTime` - `StartTime`) must be less than or equal to 31 days.
MetricNames.N	Yes	Array of String	Metric list. Valid values:.

			• l7Flow_outFlux: L7 EdgeOne response traffic. Unit: byte; • l7Flow_inFlux: L7 client request traffic. Unit: byte; • l7Flow_flux: L7 total traffic (including EdgeOne response traffic and client request traffic). Unit: byte; • l7Flow_outBandwidth: L7 EdgeOne response bandwidth. Unit: bps; • l7Flow_inBandwidth: L7 client request bandwidth. Unit: bps; • l7Flow_bandwidth: L7 total bandwidth (including EdgeOne response bandwidth and client request bandwidth). Unit: bps; • l7Flow_request: L7 request count. Unit: times; • l7Flow_avgResponseTime: Average L7 edge response time. Unit: ms (milliseconds); • l7Flow_avgFirstByteResponseTime: Average L7 edge first byte response time. Unit: ms.
ZoneIds.N	No	Array of String	Zone ID set. This parameter is required. A maximum of 100 zone IDs can be passed in. If you need to query data for all zones under the Tencent Cloud main account, please use "*" instead. To query account-level data, you need to have full resource permissions for all zones of this interface.
Interval	No	String	Query period granularity. Valid values: • min: 1 minute; • 5min: 5 minutes; • hour: 1 hour; • day: 1 day. If this parameter is not filled in, the granularity will be automatically calculated based on the interval between the start time and end time. Specifically, data will be queried with a granularity of min, 5min, hour, and day respectively when the period is no more than 1 hour, no more than 2 days, no more than 7 days, and over 7 days.
Filters.N	No	Array of	Filter criteria. The detailed key values of filter criteria are

		QueryCondition	as follows: • country: filter by country/region. The country/region follows the ISO 3166-1 alpha-2 standard. Example value: CN. • province: filter by province. This parameter is supported only when the service area is the chinese mainland. refer to the mapping table of provinces within the chinese mainland for province codes. Example value: 22. • isp: filter by isp. This parameter only supports the service area of chinese mainland. The corresponding value options are as follows: 2: china telecom; 26: china unicom; 1046: cmcc; 3947: china tietong; 38: china education network; 43: great wall broadband; 0: other isp. • domain: filter by subdomain. Example value: www.example.com. • url: filter by url Path. Example value: /content or /content/test.jpg. If you fill in url parameters, you can query the data of the last 30 days at most. • referer: filter by referer request header. Example value: http://www.example.com/. If the referer parameter is provided, up to 30 days of data can be queried. • resourceType: filter by resource type. The resource type is generally a file suffix. Example value: .jpg. If the resourceType parameter is provided, data from the last 30 days can be queried at most; • protocol: filter by HTTP protocol version. The corresponding value options are as follows: HTTP/1.0; HTTP/1.1; HTTP/2.0; HTTP/3; WebSocket. • socket: filter by HTTP protocol type. The corresponding value options are as follows: HTTP: hypertext transfer protocol; HTTPS: HTTPS protocol; QUIC: QUIC protocol.

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			• statusCode: filter by edge status code. If the statusCode parameter is filled in, data from the last 30 days can be queried at most. The corresponding value options are as follows: 1XX: 1XX type status codes; 2XX: 2XX type status codes; 3XX: 3XX type status codes; 4XX: 4XX type status codes; 5XX: 5XX type status codes; integers within the range [0,600). • browserType: filter by browser type. If the browserType parameter is filled in, data from the last 30 days can be queried at most. The options for The corresponding value are as follows: Firefox: Firefox browser; Chrome: Chrome browser; Safari: Safari browser; Other: Other browser types; Empty: browser type is Empty; Bot: search engine crawler; MicrosoftEdge: microsoft edge browser; IE: IE browser; Opera: Opera browser; QQBrowser: QQ browser; LBBrowser: LB browser; MaxthonBrowser: Maxthon browser; SouGouBrowser: sogou browser; BIDUBrowser: BIDUBrowser; TaoBrowser: TaoBrowser; UBrowser: UC browser. • deviceType: filter by device type. If the deviceType parameter is filled in, data from the last 30 days can be queried at most. The options for The corresponding value are as follows: TV: TV device; Tablet: Tablet device; Mobile: Mobile device; Desktop: Desktop device; Other: Other device type; Empty: device type Empty. • operatingSystemType: filter by operating system type. If the operatingSystemType parameter is filled in, data from the last 30 days can be queried at most. The options for The corresponding value are as follows: Linux: Linux operating system;

			MacOS: MacOS operating system; Android: Android operating system; IOS: IOS operating system; Windows: Windows operating system; NetBSD: NetBSD; ChromiumOS: ChromiumOS; Bot: Bot: search engine crawler; Other: Other types of operating systems; Empty: operating system is Empty. • tlsVersion: filter by TLS version. If the tlsVersion parameter is input, data from the last 30 days can be queried at most. The options for The corresponding value are as follows: TLS1.0; TLS1.1; TLS1.2; TLS1.3. • ipVersion: filter by IP version. The options for the corresponding value are as follows: 4: IPv4; 6: IPv6. • cacheType: filter by cache status. The options for The corresponding value are as follows: hit: request hits EdgeOne node cache, and resources are provided by node cache. partial cache hit for resources is also recorded as hit. miss: request does not hit EdgeOne node cache, and resources are provided by the origin server. dynamic: requested resources cannot be cached/unconfigured to be cached by node cache, and resources are provided by the origin server. other: unrecognizable cache status. requests responded to by edge functions are recorded as other. • clientIp: filter by client IP. If the clientIp parameter is filled in, data from the last 30 days can be queried at most. • userAgent: filter by User-Agent request header. If the userAgent parameter is filled in, data from the last 30 days can be queried at most.
Area	No	String	Data ownership region. This parameter is deprecated. Please filter data by client region in Filters.country.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	The list of L7 traffic data recorded over time. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Time Series Data of the Request Count by HTTP Protocol Version

This example shows you how to query the request count metric data by HTTP protocol version.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7AnalysisData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"Filters": [
{
"Key": "protocol",
"Operator": "equals",
"Value": [
"HTTP/1.0",
"HTTP/1.1"
]
}
```

```
],
"ZoneIds": [
"zone-2o7b38ba1hvr"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "141a7ccd-9713-43a2-91d5-1b47692d0609",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 803,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1661731200,
"Value": 0
}
],
"Max": 7921,
"MetricName": "l7Flow_request",
"Sum": 24918
}
]
}
],
"TotalCount": 1
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter	Parameter error.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTopL7AnalysisData

Last updated：2025-07-01 11:07:35

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the top N data of the L7 domain name by a specified dimension. Note that there is a delay of about 10 minutes for this API. It is recommended to pull data from 10 minutes before the current time.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTopL7AnalysisData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time. The query time range (`EndTime` - `StartTime`) must be less than or equal to 31 days.
MetricName	Yes	String	Queried metric. Valid values: • l7Flow_outFlux_country: L7 EdgeOne response traffic aggregated by the country/region dimension;

			• l7Flow_outFlux_province: L7 EdgeOne response traffic aggregated by the dimension of provinces in chinese mainland; • l7Flow_outFlux_statusCode: L7 EdgeOne response traffic aggregated by the status code dimension; • l7Flow_outFlux_domain: L7 EdgeOne response traffic aggregated by the domain name dimension; • l7Flow_outFlux_url: L7 EdgeOne response traffic aggregated by url path dimension. • l7Flow_outFlux_resourceType: L7 EdgeOne response traffic aggregated by the resource type dimension; • l7Flow_outFlux_sip: L7 EdgeOne response traffic aggregated by the client IP dimension; • l7Flow_outFlux_referers: L7 EdgeOne response traffic aggregated by referer dimension. • l7Flow_outFlux_ua_device: L7 EdgeOne response traffic aggregated by the device type dimension; • l7Flow_outFlux_ua_browser: L7 EdgeOne response traffic aggregated by the browser type dimension; • l7Flow_outFlux_ua_os: L7 EdgeOne response traffic aggregated by the operating system type dimension; • l7Flow_outFlux_ua: L7 EdgeOne response traffic aggregated by the User-Agent dimension; • l7Flow_request_country: L7 request count aggregated by the country/region dimension; • l7Flow_request_province: L7 request count aggregated by the dimension of provinces in the chinese mainland; • l7Flow_request_statusCode: L7 request count aggregated by the status code dimension; • l7Flow_request_domain: L7 request count aggregated by the domain name dimension; • l7Flow_request_url: L7 request count aggregated by url Path dimension. • l7Flow_request_resourceType: L7 request count aggregated by resource type dimension; • l7Flow_request_sip: L7 request count aggregated by the client IP dimension; • l7Flow_request_referer: L7 request count aggregated by referer dimension. • l7Flow_request_ua_device: L7 request count aggregated by the device type dimension; • l7Flow_request_ua_browser: L7 request count aggregated by the browser type dimension; • l7Flow_request_ua_os: L7 request count aggregated by the operating system type dimension.

			• l7Flow_request_ua: L7 request count aggregated by the User-Agent dimension.
ZoneIds.N	No	Array of String	Zone ID set. This parameter is required. A maximum of 100 zone IDs can be passed in. If you need to query data for all zones under the Tencent Cloud main account, please use "*" instead. To query account-level data, you need to have full resource permissions for all zones of this interface.
Limit	No	Integer	Indicates the top N data to be queried. The maximum value is 1000. If this parameter is not input, the default value is 10, indicating querying the top 10 data.
Filters.N	No	Array of QueryCondition	Filter criteria. The detailed key values of filter criteria are as follows: • country: filter by country/region. The country/region follows the ISO 3166-1 alpha-2 standard. Example value: CN. • province: filter by province. This parameter is supported only when the service area is the chinese mainland. refer to the mapping table of provinces within the chinese mainland for province codes. Example value: 22. • isp: filter by isp. This parameter only supports the service area of chinese mainland. The corresponding value options are as follows: 2: china telecom; 26: china unicom; 1046: cmcc; 3947: china tietong; 38: china education network; 43: great wall broadband; 0: other isp. • domain: filter by subdomain. Example value: www.example.com. • url: filter by url Path. Example value: /content or /content/test.jpg. If you fill in url parameters, you can query the data of the last 30 days at most. • referer: filter by referer request header. Example value: http://www.example.com/. If the referer parameter is provided, up to 30 days of data can be queried. • resourceType: filter by resource type. The resource type is generally a file suffix. Example value: .jpg. If the resourceType parameter is provided, data from the last 30 days can be queried at most;

			• protocol: filter by HTTP protocol version. The corresponding value options are as follows: HTTP/1.0; HTTP/1.1; HTTP/2.0; HTTP/3; WebSocket. • socket: filter by HTTP protocol type. The corresponding value options are as follows: HTTP: hypertext transfer protocol; HTTPS: HTTPS protocol; QUIC: QUIC protocol. • statusCode: filter by edge status code. If the statusCode parameter is filled in, data from the last 30 days can be queried at most. The corresponding value options are as follows: 1XX: 1XX type status codes; 2XX: 2XX type status codes; 3XX: 3XX type status codes; 4XX: 4XX type status codes; 5XX: 5XX type status codes; integers within the range [0,600). • browserType: filter by browser type. If the browserType parameter is filled in, data from the last 30 days can be queried at most. The options for The corresponding value are as follows: Firefox: Firefox browser; Chrome: Chrome browser; Safari: Safari browser; Other: Other browser types; Empty: browser type is Empty; Bot: search engine crawler; MicrosoftEdge: microsoft edge browser; IE: IE browser; Opera: Opera browser; QQBrowser: QQ browser; LBBrowser: LB browser; MaxthonBrowser: Maxthon browser; SouGouBrowser: sogou browser; BIDUBrowser: BIDUBrowser; TaoBrowser: TaoBrowser; UBrowser: UC browser. • deviceType: filter by device type. If the deviceType parameter is filled in, data from the last 30 days can be queried at most. The options for The corresponding value are

as follows:
TV: TV device;
Tablet: Tablet device;
Mobile: Mobile device;
Desktop: Desktop device;
Other: Other device type;
Empty: device type Empty.
- operatingSystemType: filter by operating system type. If the operatingSystemType parameter is filled in, data from the last 30 days can be queried at most. The options for The corresponding value are as follows:
Linux: Linux operating system;
MacOS: MacOS operating system;
Android: Android operating system;
IOS: IOS operating system;
Windows: Windows operating system;
NetBSD: NetBSD;
ChromiumOS: ChromiumOS;
Bot: Bot: search engine crawler;
Other: Other types of operating systems;
Empty: operating system is Empty.
- tlsVersion: filter by TLS version. If the tlsVersion parameter is input, data from the last 30 days can be queried at most. The options for The corresponding value are as follows:
TLS1.0;
TLS1.1;
TLS1.2;
TLS1.3.
- ipVersion: filter by IP version. The options for the corresponding value are as follows:
4: IPv4;
6: IPv6.
- cacheType: filter by cache status. The options for The corresponding value are as follows:
hit: request hits EdgeOne node cache, and resources are provided by node cache. partial cache hit for resources is also recorded as hit.
miss: request does not hit EdgeOne node cache, and resources are provided by the origin server.
dynamic: requested resources cannot be cached/unconfigured to be cached by node cache, and resources are provided by the origin server.
other: unrecognizable cache status. requests responded to by edge functions are recorded as other.

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			• clientIp: filter by client IP. If the clientIp parameter is filled in, data from the last 30 days can be queried at most. • userAgent: filter by User-Agent request header. If the userAgent parameter is filled in, data from the last 30 days can be queried at most.
Interval	No	String	Query period granularity. Valid values: • min: 1 minute; • 5min: 5 minutes; • hour: 1 hour; • day: 1 day. If this parameter is not filled in, the granularity will be automatically calculated based on the interval between the start time and end time. Specifically, data will be queried with a granularity of min, 5min, hour, and day respectively when the period is no more than 2 hours, no more than 2 days, no more than 7 days, and over 7 days.
Area	No	String	Data ownership region. this parameter is deprecated. Please filter data by client region in Filters.country.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TopDataRecord	The top N data list obtained from the statistics of L7 access data by a specified dimension MetricName. Note: This field may return null, which indicates a failure to obtain a valid value.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Traffic Data of the Top URL Path Under a Specific HTTP Protocol Version

This example shows you how to query the traffic data of the top URL path under a specific HTTP protocol version (HTTP/1.0 or HTTP/1.1).

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7AnalysisData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "1",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Flow_outFlux_url",
"Filters": [
{
"Key": "protocol",
"Operator": "equals",
"Value": [
"HTTP/1.0",
"HTTP/1.1"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "7c499897-8ad9-4a2d-884e-6154f283d723",
"Data": [
{
"DetailData": [
{
"Key": "path",
"Value": 1210001
}
],
```

```
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter	Parameter error.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.

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LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn’t exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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Log Service APIs
DownloadL7Logs

Last updated：2025-02-19 19:33:04

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to download L7 logs.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DownloadL7Logs.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Domains.N	No	Array of	List of subdomain names to be queried. All subdomain names will

		String	be selected if this field is not specified.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 300.
Offset	No	Integer	The page offset. Default value: 0.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of L7OfflineLog	List of L7 logs.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Downloading L7 Offline Logs

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DownloadL7Logs
<Common request parameters>

{
"Offset": 0,
"Limit": 10,
"StartTime": "2022-05-04T03:27:00+08:00",
"EndTime": "2022-05-10T23:59:00+08:00",
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example


```
{
"Response": {
"TotalCount": 1,
"RequestId": "6f07d593-44d7-4bac-a119-e1923ab5b377",
"Data": [
{
"Area": "mainland",
"Domain": "test-add4.wellsjiang.com",
"LogPacketName": "20220811-02-test-add4.wellsjiang.com",
"LogTime": 1660212000,
"LogStartTime": "2023-07-26T06:00:00+08:00",
"LogEndTime": "2023-07-26T07:00:00+08:00",
"Size": 7539,
"Url": "https://log-down07-cn.edgeone.qcloud.com/2022081102-test-add4.wellsjiang.
com.log.gz"
},
{
"Area": "overseas",
"Domain": "test.codegun.work",
"LogEndTime": "2023-07-26T07:14:59+08:00",
"LogPacketName": "20230725-2300-luatest3.codegun.work",
"LogStartTime": "2023-07-26T07:00:00+08:00",
"LogTime": 1690326000,
"Size": 708,
"Url": "https://log-down07-ov-test.edgeone.qcloud.com/20230725/23/251233206/20230
7252300-test.codegun.work.log.gz"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DownloadL4Logs

Last updated：2025-02-19 19:33:04

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to download L4 logs.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DownloadL4Logs.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
ProxyIds.N	No	Array of String	List of L4 proxy instance IDs.

Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 300.
Offset	No	Integer	The page offset. Default value: 0.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of L4OfflineLog	List of L4 logs.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 L7 Offline Logs

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DownloadL4Logs
<Common request parameters>

{
"Limit": 10,
"Offset": 0,
"StartTime": "2020-09-22T00:00:00+00:00",
"EndTime": "2020-09-22T00:00:00+00:00",
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "8b6a2aa9-46ef-46e5-ba87-c0e96326adfe",
"Data": [
{
"Area": "mainland",
"LogPacketName": "20220811-10-proxy-1491-11ed-9792-525400655ede",
"LogTime": 1660212000,
"LogStartTime": "2023-07-26T06:00:00+08:00",
"LogEndTime": "2023-07-26T07:00:00+08:00",
"ProxyId": "proxy-1491-11ed-9792-525400655ede",
"Size": 20761,
"Url": "https://log-down04-cn.edgeone.qcloud.com/20220811/2022081110-proxy-1491-1
1ed-9792-52we0655ede.log.gz"
}
],
"TotalCount": 128
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceUnavailable	The resource is unavailable.

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CreateCLSIndex

Last updated：2025-02-19 19:33:06

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create key-value indexes for relevant delivered log fields in the corresponding Tencent Cloud CLS log topic for a specified real-time log delivery task (task-id). If such indexes have been created in CLS, this API will append indexes through merging.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateCLSIndex.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	The ID of the real-time log delivery task.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a CLS Index

This example shows you how to create a key-value index in the corresponding Tencent Cloud CLS log topic according to the log field list in the configuration of the real-time log delivery task for a specified task-id under a zone-id.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateCLSIndex
<Common Request Parameters>

{
"ZoneId": "zone-2fgd17m19xw",
"TaskId": "26580056-1187-43ed-b2c7-ecdb5bae0b46"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CreateClsLogSetFailed	Failed to create the log set. Check whether the log set name already exists.

CreateRealtimeLogDeliveryTask

Last updated：2025-02-19 19:33:06

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a real-time log delivery task. The following limits apply:
An entity (a Layer 7 domain name or a Layer 4 proxy instance) under the combination of the same data delivery type (LogType) and data delivery area (Area) can be added to only one real-time log delivery task. It is recommended to first query the real-time log delivery task list by entity through the DescribeRealtimeLogDeliveryTasks API to check whether the entity has been added to another real-time log delivery task.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateRealtimeLogDeliveryTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskName	Yes	String	Name of a real-time log delivery task, which can contain up to 200 characters, including digits, English letters, hyphens (-) and underscores (_).

TaskType	Yes	String	Type of a real-time log delivery task. Valid values: • cls: push to Tencent Cloud CLS; • custom_endpoint: push to a custom HTTP(S) address; • s3: push to an AWS S3-compatible bucket address.
EntityList.N	Yes	Array of String	List of entities (L7 domain names or L4 proxy instances) corresponding to a real-time log delivery task. Valid value examples: • L7 domain name: domain.example.com; • L4 proxy instance: sid-2s69eb5wcms7. Reference for values DescribeAccelerationDomains DescribeApplicationProxies
LogType	Yes	String	Dataset type. Valid values: • domain: site acceleration logs; • application: L4 proxy logs; • web-rateLiming: rate limit and CC attack defense logs; • web-attack: managed rule logs; • web-rule: custom rule logs; • web-bot: Bot management logs.
Area	Yes	String	Data area. Valid values: • mainland: within the Chinese mainland; • overseas: global (excluding the Chinese mainland).
Fields.N	Yes	Array of String	List of predefined fields for delivery.
CustomFields.N	No	Array of CustomField	The list of custom fields for log delivery, which supports extracting specified content from HTTP request headers, response headers, cookies, and request bodies. Custom field names must be unique. The number of custom fields cannot exceed a maximum of 200. A single real-time log delivery task can configure up to 5 custom fields of the request body type. Currently, only site acceleration logs (LogType=domain) support custom fields.
DeliveryConditions.N	No	Array of DeliveryCondition	Filter criteria of log delivery. If this parameter is not specified, all logs will be shipped.
Sample	No	Integer	Sampling ratio in permille. Value range: 1-1000. For

			example, 605 indicates a sampling ratio of 60.5%. If this parameter is not specified, the sampling ratio is 100%.
LogFormat	No	LogFormat	Output format for log delivery. If this field is not specified, the default format is used, which works as follows: • When TaskType is 'custom_endpoint', the default format is an array of JSON objects, with each JSON object representing a log entry; • When TaskType is 's3', the default format is JSON Lines; Specifically, when TaskType is 'cls', the only allowed value for LogFormat.FormatType is 'json', and other parameters in LogFormat will be ignored. It is recommended not to transfer LogFormat.
CLS	No	CLSTopic	Configuration information of CLS. This parameter is required when TaskType is cls.
CustomEndpoint	No	CustomEndpoint	Configuration information of the custom HTTP service. This parameter is required when TaskType is custom_endpoint.
S3	No	S3	Configuration information of the AWS S3-compatible bucket. This parameter is required when TaskType is s3.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	ID of the successfully created task.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Log Delivery Task with the Destination Set to Tencent Cloud CLS

This example shows you how to create a log delivery task with the destination set to Tencent Cloud CLS. The delivery data range includes the site acceleration log generated by domain.example.com in the Chinese mainland. The data includes the RequestID, ClientIP, and RequestTime fields, and field values extracted from the Accept-Language request header. The configuration sampling ratio is 60.5%.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-xxxxx",
"TaskName": "test_log_task",
"TaskType": "cls",
"EntityList": [
"domain.example.com"
],
"LogType": "domain",
"Area": "mainland",
"Fields": [
"RequestID",
"ClientIP",
"RequestTime"
],
"CustomFields": [
{
"Name": "ReqHeader",
"Value": "Accept-Language",
"Enabled": true
}
],
"Sample": 605,
"CLS": {
"LogSetId": "1a6efff1-0e40-4d37-a4ed-02c92513406b",
"TopicId": "0b3a07c0-5cf6-4017-8a75-cd4459aea588",
"LogSetRegion": "ap-guangzhou"
}
}
```

Output Example

```
{
"Response": {
"TaskId": "26580056-1187-43ed-b2c7-ecdb5bae0b46",
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

Example2 Creating a Log Delivery Task with the Destination Set to a Custom HTTP Service

This example shows you how to create a log delivery task with the destination set to a custom HTTP service. The delivery data range includes the site acceleration log generated by domain.example.com in the Chinese mainland and with the final security handling method being interception or challenge. The data includes the RequestID, ClientIP, and RequestTime fields. Log sampling is disabled, log delivery compression is enabled, and the custom request header Vendor with a constant value of EdgeOne is carries during log delivery.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-xxxxx",
"TaskName": "test_log_task",
"TaskType": "custom_endpoint",
"EntityList": [
"domain.example.com"
],
"LogType": "domain",
"Area": "mainland",
"Fields": [
"RequestID",
"ClientIP",
"RequestTime"
],
"Sample": 1000,
"DeliveryConditions": [
{
"Conditions": [
{
"Key": "SecurityAction",
"Operator": "equal",
"Value": [
```

```
"Deny",
"JSChallenge",
"ManagedChallenge"
]
}
]
}
],
"CustomEndpoint": {
"Url": "http://custom_endpoint/access_log/post",
"CompressType": "gzip",
"Headers": [
{
"Name": "Vendor",
"Value": "EdgeOne"
}
]
}
}
```

Output Example

```
{
"Response": {
"TaskId": "26580056-1187-43ed-b2c7-ecdb5bae0b46",
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

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- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CreateClsLogSetFailed	Failed to create the log set. Check whether the log set name already exists.
FailedOperation.CreateClsLogTopicTaskFailed	Failed to create the log topic task. Check whether the log topic name or task name already exists.
FailedOperation.CreateLogTopicTaskAuthFailure	Authentication failed while creating a custom push task. Check whether the push address is correct.
FailedOperation.RealtimeLogAuthFailure	The real-time log authentication failed.
FailedOperation.RealtimeLogNotFound	The real-time log push task does not exist.
InvalidParameter	Parameter error.
InvalidParameter.InvalidLogFormatFieldDelimiter	The field separator in the log output format is incorrect.
InvalidParameter.InvalidLogFormatFormatType	The log output format type is incorrect.
InvalidParameter.InvalidLogFormatRecordDelimiter	The log record separator in the log output format is incorrect.
InvalidParameter.RealtimeLogEntityAlreadyCreated	The push instance has been created.
InvalidParameter.RealtimeLogInvalidDeliveryArea	The log push region is invalid.
InvalidParameter.RealtimeLogInvalidLogType	The log push type is invalid.
InvalidParameter.RealtimeLogInvalidTaskType	The real-time log delivery type is invalid.
InvalidParameter.RealtimeLogNumsExceedLimit	The real-time log push task data exceeded the limit.

InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.
LimitExceeded.CustomLogFieldRegexLimitExceeded	The number of regular expression type fields in real-time log custom fields exceeds the limit.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyRealtimeLogDeliveryTask

Last updated：2025-02-19 19:33:03

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the real-time log delivery task configuration. This API has the following restrictions:

- Does not support modifying the destination type of the real-time log delivery task (TaskType);
- Does not support modifying the data delivery type (LogType);
- Does not support modifying the data delivery area (Area);
- Does not support modifying the detailed destination configuration, such as log set and log topic, when the destination of the original real-time log delivery task is Tencent Cloud CLS.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyRealtimeLogDeliveryTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	The ID of the real-time log delivery task.

TaskName	No	String	The name of the real-time log delivery task, which is a combination of numbers, English letters, - and _, containing up to 200 characters. If this field is not filled in, the original configuration will be retained.
DeliveryStatus	No	String	The status of the real-time log delivery task. Valid values: • enabled: Enabled; • disabled: Disabled. If this field is not filled in, the original configuration will be retained.
EntityList.N	No	Array of String	The list of entities (Layer 7 domains or Layer 4 proxy instances) corresponding to the real-time log delivery task. Valid value examples: • Layer 7 domain: domain.example.com; • Layer 4 proxy instance: sid-2s69eb5wcms7. If this field is not filled in, the original configuration will be retained. Reference for values DescribeAccelerationDomains DescribeApplicationProxies
Fields.N	No	Array of String	The list of predefined fields for delivery. If this field is not filled in, the original configuration will be retained.
CustomFields.N	No	Array of CustomField	The list of custom fields for shipping, which supports extracting specified content from HTTP request headers, response headers, cookies, and request bodies. If this parameter is not filled in, the original configuration will be retained. The name of each custom field should be unique and the maximum number of fields is 200. Up to 5 custom fields of the request body type can be added for a single real-time log push task. Currently, adding custom fields is supported only for site acceleration logs (LogType=domain).
DeliveryConditions.N	No	Array of DeliveryCondition	Log delivery filter conditions. If this field is not filled in, all logs will be delivered.
Sample	No	Integer	The sampling ratio in permille. Value range: 1 to 1000. For example, 605 represents a sampling ratio of 60.5%. If this field is not filled in, the original configuration will be retained.

LogFormat	No	LogFormat	Output format for log delivery. If this field is not specified, the original configuration will be retained. Specifically, when TaskType is cls, the value of LogFormat.FormatType can only be json, and other parameters in LogFormat will be ignored. It is recommended not to input LogFormat.
CustomEndpoint	No	CustomEndpoint	The configuration information of the custom HTTP service. If this field is not filled in, the original configuration will be retained.
S3	No	S3	The configuration information of the AWS S3-compatible bucket. If this field is not filled in, the original configuration will be retained.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Disabling Log Sampling

This example shows you how to modify the configuration of a successfully created real-time log delivery task and disable its log sampling feature. Before modification, the log sampling ratio is 60.5%. After modification, log sampling will no longer be performed, and 100% of the logs will be delivered to the destination.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpayol",
```

```
"TaskId": "17819248-77b0-4e1a-a979-d84b5a9b300p",
"Sample": 1000
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

Example2 Adding Acceleration Domains for Log Delivery

This example shows you how to modify the configuration of a successfully created real-time log delivery task and add acceleration domains for which logs need to be delivered. Before modification, only the site acceleration log of domain1.example.com is delivered. After modification, the site acceleration logs of domain1.example.com, domain2.example.com, and domain3.example.com will be delivered.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpayol",
"TaskId": "17819248-77b0-4e1a-a979-d84b5a9b300p",
"EntityList": [
"domain1.example.com",
"domain2.example.com",
"domain3.example.com"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CreateLogTopicTaskAuthFailure	Authentication failed while creating a custom push task. Check whether the push address is correct.
InvalidParameter.InvalidLogFormatFieldDelimiter	The field separator in the log output format is incorrect.
InvalidParameter.InvalidLogFormatFormatType	The log output format type is incorrect.
InvalidParameter.InvalidLogFormatRecordDelimiter	The log record separator in the log output format is incorrect.
LimitExceeded.CustomLogFieldRegexLimitExceeded	The number of regular expression type fields in real-time log custom fields exceeds the limit.

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DeleteRealtimeLogDeliveryTask

Last updated：2025-02-19 19:33:05

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a real-time log delivery task.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteRealtimeLogDeliveryTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	The ID of the real-time log delivery task.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a Real-time Log Delivery Task

This example shows you how to delete a real-time log delivery task with a specified task-id.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-2qtwuwmeaaae",
"TaskId": "17819248-77b0-4e1a-a979-d84b5a9b300p"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.

DescribeRealtimeLogDeliveryTasks

Last updated：2025-02-19 19:33:05

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the real-time log delivery task list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeRealtimeLogDeliveryTasks.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Offset	No	Integer	The offset of paginated query. Default value: 0.
Limit	No	Integer	The limit of paginated query. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter conditions. The maximum value for Filters.Values is 20. If this field is not filled in, all the real-time log delivery task information under the current zone-id will be returned. Detailed filter conditions are as follows:

			• task-id: Filter by real-time log delivery task ID. Fuzzy search is not supported. • task-name: Filter by real-time log delivery task name. Fuzzy search is supported, but only one real-time log delivery task name can be filled in for fuzzy search. • entity-list: Filter by entity corresponding to the real-time log delivery task. Fuzzy search is not supported. Example values: domain.example.com or sid-2s69eb5wcms7. • task-type: Filter by real-time log delivery task type. Fuzzy search is not supported. Optional values: cls: Push to Tencent Cloud CLS; custom_endpoint: Push to a user-defined HTTP(S) address; s3: Push to an AWS S3-compatible bucket address.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The number of real-time log delivery tasks which match the query conditions.
RealtimeLogDeliveryTasks	Array of RealtimeLogDeliveryTask	The list of all real-time log delivery tasks which match the query conditions.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying All Real-time Log Delivery Task Information for a Specific Site

Query all real-time log delivery task information for a specified zone ID.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRealtimeLogDeliveryTasks
```

```
<Common request parameters>

{
"ZoneId": "zone-2ur49nglp1a2",
"Offset": 0,
"Limit": 1000
}
```

Output Example


```
{
"Response": {
"RealtimeLogDeliveryTasks": [
{
"Area": "overseas",
"CLS": {
"LogSetId": "980611e5-3eb2-430f-a0cc-e1c4e84a9e40",
"LogSetRegion": "ap-guangzhou",
"TopicId": "d258c060-dc6e-4586-8b7c-6a951667fa7a"
},
"CreateTime": "2024-03-26T03:00:39+08:00",
"CustomEndpoint": null,
"CustomFields": [],
"DeliveryConditions": [],
"DeliveryStatus": "enabled",
"EntityList": [
"qqqq.loliyu.com"
],
"Fields": [
"RequestID",
"ClientIP",
"ClientRegion",
"RequestTime",
"RequestHost",
"RequestBytes",
"RequestMethod",
"RequestUrl",
"RequestUrlQueryString",
"RequestUA",
"RequestRange",
"RequestReferer",
"RequestProtocol",
"RemotePort",
"EdgeCacheStatus",
"EdgeResponseStatusCode",
"EdgeResponseBytes",
```

```
"EdgeResponseTime",
"EdgeInternalTime",
"ClientState",
"ClientISP",
"EdgeServerID",
"EdgeServerIP"
],
"LogFormat": null,
"LogType": "domain",
"S3": null,
"Sample": 0,
"TaskId": "f0e1686a-1c4e-4f15-967b-5afb2a0803ea",
"TaskName": "ccc",
"TaskType": "cls",
"UpdateTime": "2024-03-26T03:10:13+08:00"
}
],
"RequestId": "05205d07-f582-444d-b558-b338a3f68857",
"TotalCount": 1
}
}
```

Example2 Querying Real-time Log Delivery Task Information by Acceleration Domain Name

Query real-time log delivery task information for a specified acceleration domain name. If TotalCount in returned output result is '0', it indicates that this acceleration domain name has not been added to any Real-time Log Delivery Task.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRealtimeLogDeliveryTasks
<Common request parameters>

{
"ZoneId": "zone-2o7b38ba1hvr",
"Offset": 0,
"Limit": 20,
"Filters": [
{
"Name": "entity-list",
"Values": [
"domain.example.com"
]
```

```
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"RealtimeLogDeliveryTasks": [],
"RequestId": "f025c1f0-cb83-41b1-bb7d-565af7e28479"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

Billing APIs
CreatePlan

Last updated：2025-02-19 19:33:41

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

If you need to use the EdgeOne product, you must create a billing plan through this interface.

> After creating a plan, you need to complete the process of creating a site and binding the plan through CreateZone, so that the EdgeOne can provide services properly.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanType	Yes	String	Type of the subscribed plan. Valid values: • personal: Personal plan in prepaid mode;

			• basic: Basic plan in prepaid mode; • standard: Standard plan in prepaid mode; • enterprise: Enterprise plan in pay-as-you-go mode. When subscribing to a prepaid plan, please ensure that your account balance is sufficient. If the balance is insufficient, an order to be paid will be generated. For an overview of billing, see EdgeOne Billing Overview. For differences between plans, refer to EdgeOne Billing Plan Comparison.
AutoUseVoucher	No	String	Whether to automatically use a voucher. Valid values: • true: Yes; • false: No. This parameter is valid only when PlanType is personal, basic, or standard. If this field is not specified, the default value 'false' will be used.
PrepaidPlanParam	No	PrepaidPlanParam	Parameters for subscribing to a prepaid plan. When PlanType is personal, basic, or standard, this parameter is optional and can be used to specify the subscription duration of the plan and enable auto-renewal. If this field is not specified, the default plan duration is 1 month, with auto-renewal disabled.

3. Output Parameters

Parameter Name	Type	Description
PlanId	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating Personal Edition Billing Plan

Create a Personal Edition Billing Plan, with a duration of 1 month, and set it not to auto-renew.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePlan
<Common request parameters>

{
"PlanType": "personal",
"PrepaidPlanParam": {
"Period": 1,
"RenewFlag": "off"
},
"AutoUseVoucher": "false"
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461",
"PlanId": "edgeone-2unuvzjmmn2q",
"DealName": "2024031234700100472373 1"
}
}
```

Example2 Creating Enterprise Edition Plan

Create an Enterprise Edition Plan.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePlan
<Common request parameters>
```

```
{
"PlanType": "enterprise"
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461",
"PlanId": "edgeone-2unuvzjmmn2q",
"DealName": "2024031234700100472373 1"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically used vouchers is incorrect. Enter the correct format.
InvalidParameter.InvalidPeriod	The plan cycle format is incorrect. Enter the correct format.
InvalidParameter.InvalidPlanType	The plan type format is incorrect. Enter the correct format.
InvalidParameter.InvalidRenewFlag	The auto-renewal flag format is incorrect. Enter the correct format.
OperationDenied.PleaseContactBusinessPersonnel	To create an Enterprise Edition Plan, contact the business personnel.

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UpgradePlan

Last updated：2025-02-19 19:33:38

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

When you need features available only in higher-tier plans, you can upgrade your plan through this interface. Upgrades are only supported for Personal and Basic Edition Plans.

> For differences between EdgeOne billing plans, refer to Comparison of EdgeOne Plans.
> For EdgeOne plan upgrade rules and pricing details, refer to EdgeOne Plan Upgrade Guide.
> If your plan needs to upgrade to the Enterprise Edition, Contact Us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpgradePlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
PlanType	Yes	String	Target plan version for upgrade. Valid values: • basic: Basic Edition Plan;

			• standard: Standard Edition Plan.
AutoUseVoucher	No	String	Whether to automatically use a voucher. Valid values: • true: Yes; • false: No. If this field is not specified, the default value 'false' will be used.

3. Output Parameters

Parameter Name	Type	Description
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Upgrading Prepaid Plan to Standard Edition

Upgrade the prepaid plan edgeone-2unuvzjmmn2q to the Standard Edition without using the voucher.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: UpgradePlan
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"PlanType": "standard",
"AutoUseVoucher": "false"
}
```

Output Example

```
{
"Response": {
```

```
"DealName": "2024031234700100472373 1",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically used vouchers is incorrect. Enter the correct format.
InvalidParameter.InvalidPlanType	The plan type format is incorrect. Enter the correct format.
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.EnterprisePlanUpgradeUnsupported	The Enterprise Edition Plan does not support

	upgrades.
OperationDenied.PlanDowngradeNotAllowed	A plan downgrade is not supported.
OperationDenied.PlanHasBeenExpired	The plan has expired.
OperationDenied.PlanHasBeenIsolated	The plan has been isolated.
OperationDenied.ResourceHasBeenLocked	Billing resources are in operation. Try again later.

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RenewPlan

Last updated：2025-02-19 19:33:38

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

When your plan needs to be extended, you can use this interface to renew it. Plan renewal is only supported for the Personal, Basic, and Standard Editions.

> For cost details, refer to Plan Fees.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: RenewPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
Period	Yes	Integer	Renewal plan duration, unit: month. Valid values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 24, 36.
AutoUseVoucher	No	String	Whether to automatically use a voucher. Valid values:

			• true: Yes; • false: No. If this field is not specified, the default value 'false' will be used.

3. Output Parameters

Parameter Name	Type	Description
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Renewing Plan for Three Months

The plan edgeone-2unuvzjmmn2q is renewed for three months and the voucher will not be automatically used.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: RenewPlan
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"Period": 3,
"AutoUseVoucher": "false"
}
```

Output Example

```
{
"Response": {
"DealName": "2024031234700100472373 1",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
```

```
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically used vouchers is incorrect. Enter the correct format.
InvalidParameter.InvalidPeriod	The plan cycle format is incorrect. Enter the correct format.
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.EnterprisePlanRenewUnsupported	The Enterprise Edition Plan does not support renewal.
OperationDenied.ResourceHasBeenLocked	Billing resources are in operation. Try again later.

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ModifyPlan

Last updated：2025-02-19 19:33:39

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

Modify the plan settings. Currently, only the auto-renewal switch of prepaid plans can be modified.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
RenewFlag	No	RenewFlag	Auto-renewal configuration item in a prepaid plan. If auto-renewal is enabled, the plan will be automatically renewed one day before it expires. This feature is only available for Personal, Basic, and Standard Edition Plans. If this field is not specified, the original configuration will be retained.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Auto-Renewal Tag for Prepaid Plan

Enable the auto-renewal feature for the prepaid plan edgeone-2unuvzjmmn2q.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPlanRenewFlag
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"RenewFlag": {
"Switch": "on"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.EnterprisePlanAutoRenewUnsupported	The Enterprise Edition Plan does not support auto-renewal.
OperationDenied.PlanHasBeenIsolated	The plan has been isolated.

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IncreasePlanQuota

Last updated：2025-02-19 19:33:39

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

When the number of sites bound to your plan, the number of rules under "Web Protection - Custom Rules - Precision Matching Policy", or the number of rules under "Web Protection - Rate Limiting - Precision Rate Limiting Module" reaches the plan's quota, you can use this interface to purchase additional quotas.

> This interface only supports the Enterprise Edition Plan.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: IncreasePlanQuota.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
QuotaType	Yes	String	The types of new plan quotas available include: • site: Number of sites;

			• precise_access_control_rule: the number of rules under "Web Protection - Custom Rules - Precision Matching Policy"; • rate_limiting_rule: the number of rules under "Web Protection - Rate Limiting - Precision Rate Limiting Module".
QuotaNumber	Yes	Integer	Number of new quotas. The maximum number of quotas that can be added at one time is 100.

3. Output Parameters

Parameter Name	Type	Description
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Adding Site Number Quota to Plan

Add 10 site number quotas for the plan edgeone-2unuvzjmmn2q.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPlanQuota
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"QuotaType": "site",
"QuotaNumber": 10
}
```

Output Example

```
{
"Response": {
"DealName": "2024031234700100472373 1",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

Example2 Adding Custom Rule Quotas to Plan

Add 10 rule quotas for "Web Protection - Custom Rules - Precision Matching Policy" to the plan edgeone-2unuvzjmmn2q.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPlanQuota
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"QuotaType": "precise_access_control_rule",
"QuotaNumber": 10
}
```

Output Example

```
{
"Response": {
"DealName": "2024031234700100472373 1",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidQuotaNumber	The quota quantity format is incorrect. Enter the correct format.
InvalidParameter.InvalidQuotaType	The quota type format is incorrect. Enter the correct quota type format.
OperationDenied.PlanHasBeenIsolated	The plan has been isolated.
OperationDenied.PlanIncreasePlanQuotaUnsupported	This plan does not support the purchase of additional plan quotas.
OperationDenied.ResourceHasBeenLocked	Billing resources are in operation. Try again later.

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DestroyPlan

Last updated：2025-02-19 19:33:39

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

To stop billing for your EdgeOne plan, you can use this interface to terminate the billing plan.

> Terminating a billing plan requires the following conditions:
> 1. The plan has expired (except for the Enterprise Edition Plan);
> 2. All sites under the plan have been either shut down or deleted.

> The site status can be queried through the Query Site List interface.
> A site can be deactivated by switching the site to a closed status through the Switch Site Status interface.
> A site can be deleted by using the Delete Site interface.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DestroyPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.

PlanId	Yes	String	Plan ID, in the format of edgeone-2wdo315m2y4c.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Terminating Billing Plan

Terminate the billing plan edgeone-2wdo315m2y4c.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DestroyPlan
<Common request parameters>

{
"PlanId": "edgeone-2wdo315m2y4c"
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.

CreatePlanForZone

Last updated：2025-02-19 19:33:41

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to purchase a plan for a new site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePlanForZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
PlanType	Yes	String	The plan option. Values: • `sta` : Standard plan that supports content delivery network outside the Chinese mainland. • `sta_with_bot` : Standard plan that supports content delivery network outside the Chinese mainland and bot management. • `sta_cm` : Standard plan that supports content delivery network inside the Chinese mainland. • `sta_cm_with_bot` : Standard plan that supports content delivery network inside the Chinese mainland and bot management.

			• `sta_global` : Standard plan that supports content delivery network over the globe. • `sta_global_with_bot` : Standard plan that supports content delivery network over the globe and bot management. • `ent` : Enterprise plan that supports content delivery network outside the Chinese mainland. • `ent_with_bot` : Enterprise plan that supports content delivery network outside the Chinese mainland and bot management. • `ent_cm` : Enterprise plan that supports content delivery network inside the Chinese mainland. • `ent_cm_with_bot` : Enterprise plan that supports content delivery network inside the Chinese mainland and bot management. • `ent_global` : Enterprise plan that supports content delivery network over the globe. • `ent_global_with_bot` : Enterprise plan that supports content delivery network over the globe and bot management. To get the available plan options for your account, view the output from DescribeAvailablePlans.

3. Output Parameters

Parameter Name	Type	Description
ResourceNames	Array of String	List of purchased resources.
DealNames	Array of String	List or order numbers.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 CreatePlanForZone

This example shows you how to create a plan for a zone.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePlanForZone
<Common Request Parameters>

{
"ZoneId": "zone-25z65bfb4414",
"PlanType": "sta"
}
```

Output Example

```
{
"Response": {
"RequestId": "a06f52e7-2aab-4510-b2c2-1065bfb4414c",
"ResourceNames": [
"plan_sta"
],
"DealNames": [
"2022080135400110011001"
]
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.ZoneHasBeenBound	The site is already bound.
OperationDenied	Operation denied.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.

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BindZoneToPlan

Last updated：2025-02-19 19:33:42

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to bind a site to a plan.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindZoneToPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to be bound.
PlanId	Yes	String	ID of the target plan.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Binding a site to a target plan

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindZoneToPlan
<Common request parameters>

{
"ZoneId": "zone-xxyyyzzz",
"PlanId": "edgeone-qqqwwweee"
}
```

Output Example

```
{
"Response": {
"RequestId": "fd9d86df-b7e8-4469-b928-18cb7fd145641"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter.PlanNotFound	The plan doesn't exist.
InvalidParameter.ZoneHasBeenBound	The site is already bound.
InvalidParameter.ZoneNotFound	The site does not exist.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.

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DescribeBillingData

Last updated：2025-02-19 19:33:40

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query billing data.

A maximum of 50 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeBillingData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	Start time.
EndTime	Yes	Timestamp ISO8601	End time.
ZoneIds.N	Yes	Array of String	Site ID set. This parameter is required.
MetricName	Yes	String	Metric list. Valid values: • acc_flux: content acceleration traffic, in bytes; • smt_flux: smart acceleration traffic, in bytes;

			• l4_flux: L4 acceleration traffic, in bytes; • sec_flux: exclusive protection traffic, in bytes; • zxctg_flux: network optimization traffic in the Chinese mainland, in bytes; • acc_bandwidth: content acceleration bandwidth, in bps; • smt_bandwidth: smart acceleration bandwidth, in bps; • l4_bandwidth: L4 acceleration bandwidth, in bps; • sec_bandwidth: exclusive protection bandwidth, in bps; • zxctg_bandwidth: network optimization bandwidth in the Chinese mainland, in bps; • sec_request_clean: number of HTTP/HTTPS requests; • smt_request_clean: number of smart acceleration requests; • quic_request: number of QUIC requests; • bot_request_clean: number of Bot requests; • cls_count: number of real-time log entries pushed; • ddos_bandwidth: elastic DDoS protection bandwidth, in bps.
Interval	Yes	String	Time granularity of the query. Valid values: • 5min: 5 minutes; • hour: 1 hour; • day: 1 day.
Filters.N	No	Array of BillingDataFilter	Filter criteria. The detailed values of filter criteria are as follows: • host: Filter by domain name, such as test.example.com. • proxy-id: Filter by L4 proxy instance ID, such as sid-2rugn89bkla9. • region-id: Filter by billing region. Options: CH: Chinese mainland AF: Africa AS1: Asia-Pacific Region 1 AS2: Asia-Pacific Region 2 AS3: Asia-Pacific Region 3 EU: Europe MidEast: Middle East NA: North America SA: South America

3. Output Parameters

Parameter	Type	Description

Name		
Data	Array of BillingData	Data point list. Note: This field may return null, which indicates a failure to obtain a valid value.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying content acceleration traffic in the specified zone and billing region

This example shows you how to query the billing volume of content acceleration traffic with a specific zone ID and region ID on a daily granularity.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeBillingData
<Common Request Parameters>

{
"StartTime": "2024-01-01T00:00:00+08:00",
"EndTime": "2024-01-24T03:20:00+08:00",
"Interval": "day",
"MetricName": "acc_flux",
"Filters": [
{
"Type": "region-id",
"Value": "MidEast"
}
],
"ZoneIds": [
"zone-2smdfso9dr58"
]
}
```

Output Example

```
{
"Response": {
```

```
"RequestId": "457e8933-4296-4878-9a7f-fb888559e29e",
"Data": [
{
"Time": "2023-12-31T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-01T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-02T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-03T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-04T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-05T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-06T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-07T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-08T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-09T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-10T16:00:00Z",
"Value": 0
},
{
```

```
"Time": "2024-01-11T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-12T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-13T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-14T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-15T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-16T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-17T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-18T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-19T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-20T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-21T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-22T16:00:00Z",
"Value": 0
},
```

```
{
"Time": "2024-01-23T16:00:00Z",
"Value": 0
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.InvalidInterval	Invalid interval. The value should be either [min 5min hour day].
InvalidParameter.InvalidMetric	The query dimension is invalid.
InvalidParameter.ZoneHasNotBeenBoundToPlan	The zone is not bound to a package.

DescribeAvailablePlans

Last updated：2025-02-19 19:33:40

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query plan options available for purchase.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAvailablePlans.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.

3. Output Parameters

Parameter Name	Type	Description
PlanInfo	Array of PlanInfo	Plans available for the current user Note: This field may return null, indicating that no valid values can be obtained.

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying available plan options

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAvailablePlans
<Common request parameters>

{}
```

Output Example

```
{
"Response": {
"RequestId": "e9fa0c8b-3c73-9ec2-cb5c-faa4725e0e07",
"PlanInfo": [
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta",
"Price": 450000,
"Request": 50000000,
"SiteNumber": 1
},
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta_with_bot",
"Price": 1262500,
"Request": 50000000,
"SiteNumber": 1
},
```

```
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta_cm",
"Price": 380000,
"Request": 50000000,
"SiteNumber": 1
},
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta_cm_with_bot",
"Price": 1192500,
"Request": 50000000,
"SiteNumber": 1
},
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent",
"Price": 10228400,
"Request": 80000000,
"SiteNumber": 1
},
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent_with_bot",
"Price": 11216400,
"Request": 80000000,
"SiteNumber": 1
},
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent_cm",
"Price": 8637300,
```

```
"Request": 80000000,
"SiteNumber": 1
},
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent_cm_with_bot",
"Price": 9625300,
"Request": 80000000,
"SiteNumber": 1
}
]
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.

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Certificate APIs
DescribeDefaultCertificates

Last updated：2025-02-19 19:33:37

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query a list of default certificates.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDefaultCertificates.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	Zone ID.
Filters.N	No	Array of Filter	Filter criteria. Each filter criteria can have up to 5 entries. • `zone-id` : Filter by **site ID**, such as zone-xxx Type: String Required: No
Offset	No	Integer	Offset for paginated queries. Default value: `0`

Limit	No	Integer	Limit on paginated queries. Default value: `20`. Maximum value: `100`.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of certificates
DefaultServerCertInfo	Array of DefaultServerCertInfo	List of default certificates
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Obtaining the default certificate

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDefaultCertificates
<Common Request Parameters>

{
"Filters": [
{
"Name": "zone-id",
"Values": [
"zone-fafcasdf"
]
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"RequestId": "084d5612-67a7-4aca-aac9-827aa3662b2d",
"DefaultServerCertInfo": [
{
"Status": "deployed",
"CertId": "teo-285inl1otbtd",
"SubjectAltName": [
"*.test.com",
"test.com"
],
"EffectiveTime": "2020-09-22T00:00:00+00:00",
"CommonName": "test.com",
"ExpireTime": "2020-09-22T00:00:00+00:00",
"Alias": "EdgeOne default",
"Message": "",
"Type": "default"
}
]
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Node.js
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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.DBError	Database error.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied	Operation denied.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyHostsCertificate

Last updated：2025-02-19 19:33:37

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to configure the certificate of a site. You can use your own certificate or apply for a free certificate. To use an external certificate, upload the certificate to SSL Certificates Console first, and then input the certificate ID in this API. For details, see Deploying Own Certificates to EdgeOne Domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyHostsCertificate.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
Hosts.N	Yes	Array of String	Domain names that you need to modify the certificate configuration
Mode	No	String	Certificate configuration mode. Values: • `disable` : (Default) Do not configure the certificate

			• `eofreecert` : Use a free certificate provided by EdgeOne • `sslcert` : Configure an SSL certificate.
ServerCertInfo.N	No	Array of ServerCertInfo	SSL certificate configuration. This parameter is effective only when the mode is sslcert. You only need to provide the CertId of the corresponding certificate. You can check the CertId from the SSL Certificate List.
ClientCertInfo	No	MutualTLS	In the mutual authentication scenario, this field represents the client's CA certificate, which is deployed inside the EO node and used for the client to authenticate the EO node. By default, it is disabled. If it is left blank, it indicates retaining the original configuration.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Configuring an SSL Certificate

This example shows you how to configure an SSL certificate (CertId is J2JqATrt) for the domain name (abc.test.com) under the site (ZoneId is zone-2fgd17m17xw).

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyHostsCertificate
<Common request parameters>

{
"ZoneId": "zone-2fgd17m17xw",
"Hosts": [
```

```
"abc.test.com"
],
"Mode": "sslcert",
"ServerCertInfo": [
{
"CertId": "J2JqATrt"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```

Example2 Configuring a Free Certificate

This example shows you how to configure a free certificate for the domain name (abc.test.com) under the site (ZoneId is zone-2fgd17m17xw).

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyHostsCertificate
<Common request parameters>

{
"ZoneId": "zone-2fgd17m17xw",
"Hosts": [
"abc.test.com"
],
"Mode": "eofreecert"
}
```

Output Example

```
{
"Response": {
"RequestId": "084d5612-67a7-4aca-aac9-827aa3662b2d"
```

```
}
}
```

Example3 Configuring the edge mutual authentication

This example shows you how to configure the edge mutual authentication (CertId is J2JqATrt) for the domain name (abc.test.com) under the site (ZoneId is zone-2fgd17m17xw).

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyHostsCertificate
<Common request parameters>

{
"ZoneId": "zone-2fgd17m17xw",
"Hosts": [
"abc.test.com"
],
"ClientCertInfo": {
"Switch": "on",
"CertInfos": [
{
"CertId": "J2JqATrt"
}
]
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateHasExpired	The edge HTTPS certificate has expired. Issuing expired certificates is currently not supported.
FailedOperation.CertificateNotFound	The edge HTTPS certificate does not exist.
FailedOperation.EdgeClientCertificateHasExpired	The edge client certificate has expired. It is not supported to issue expired certificates for the time being.
FailedOperation.InvalidZoneStatus	The site status is invalid.
FailedOperation.ModifyFailed	Operation failed.
FailedOperation.UpstreamClientCertificateHasExpired	The client certificate for the origin-pull mutual authentication has expired. It is not supported to issue expired certificates.

InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.GetRoleError	Failed to get the role.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InternalError.UnknowError	Unknown error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.AliasDomainNotSupportKeyless	Alias domain names do not support configuring a keyless certificate.
InvalidParameter.CertNotMatchDomain	Invalid edge HTTPS certificate configuration. The certificate does not match the domain name.
InvalidParameter.CertToExpire	The edge HTTPS certificate is about to expire.
InvalidParameter.CertTooShortKeySize	Invalid edge HTTPS certificate configuration. The key length does not meet the minimum requirement RSA>=2048, DSA>=2048, DH>=2048, and EC>=225.
InvalidParameter.CertificateConflictWithKeylessServer	The domain name to be changed is not bound to a certificate or keyless server. Please bind it first and then proceed.
InvalidParameter.CnameWildHostNotAllowApplyCertificate	Unable to apply for a wildcard certificate under CNAME mode.
InvalidParameter.EdgeClientCertCheckError	Invalid edge client certificate configuration.
InvalidParameter.HostStatusNotAllowApplyCertificate	CNAME is not switched or the origin is not routed to the EdgeOne server.

InvalidParameter.InvalidCertInfo	Invalid edge HTTPS certificate information.
InvalidParameter.InvalidHttpsCertInfo	Invalid edge HTTPS certificate configuration. The certificate content is invalid.
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTPS TLS version.
InvalidParameter.UpstreamClientCertCheckError	Invalid origin-pull client certificate configuration.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameterValue.AliasDomainNotSupportEdgeMTLS	Alias domain names do not support the configuration of edge mutual authentication for the time being.
InvalidParameterValue.AliasDomainNotSupportUpstreamMTLS	Alias domain names do not support the configuration of origin-pull mutual authentication for the time being.
InvalidParameterValue.CertificateVerifyClientMustCa	
InvalidParameterValue.CertificateVerifyClientNeedCert	
InvalidParameterValue.CertificateVerifyUpstreamClientMustRSAorECC	Currently, only RSA or ECC algorithm certificates are supported for the origin-pull mutual authentication, and the SCA SM2 algorithm certificates are not supported.
InvalidParameterValue.CertificateVerifyUpstreamClientMustSVR	The certificate type for the origin-pull mutual authentication is incorrect and cannot be configured as a CA certificate.
InvalidParameterValue.CertificateVerifyUpstreamClientNeedCert	Origin-pull mutual authentication configuration requires at least one certificate.
InvalidParameterValue.ClientCertInfoQuotaLimit	
InvalidParameterValue.InvalidKeylessServerId	Invalid keyless server ID.

InvalidParameterValue.ServerCertInfoNeedContainRSAorECC	Edge mTLS is enabled. When the client uses an RSA or ECC algorithm certificate, the same algorithm certificate should also be configured in the edge HTTPS certificate.
InvalidParameterValue.ServerCertInfoNeedContainSM2	Edge mTLS is enabled. When the client uses a national encryption CA certificate, the national encryption certificate should also be configured in the edge HTTPS certificate.
InvalidParameterValue.UpstreamClientCertInfoQuotaLimit	One client certificate is allowed at most in the origin-pull mutual authentication configuration.
LimitExceeded.RateLimitExceeded	Reached the API rate limit.
OperationDenied	Operation denied.
OperationDenied.CertificatePrivateKeyIsEmpty	Currently, only the keyless certificate mode allows the private key of the certificate to be empty.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.HostsClientCertificateInconsistency	The edge mutual authentication certificates for the domain name to be changed are inconsistent. Please confirm that the domain name certificates are consistent and try again.
OperationDenied.HostsKeylessServerInconsistency	The keyless server of the domain name to be changed is inconsistent. Please confirm that the keyless server is consistent before retrying.

OperationDenied.HostsUpstreamCertificateInconsistency	The origin-pull mutual authentication certificates for the domain name to be changed are inconsistent. Please confirm that the domain name certificates are consistent and try again.
OperationDenied.KeylessCertSwitchToFreeCertConflict	The domain name to be changed has a different certificate or keyless server. Please confirm that the edge HTTPS certificate or keyless server is consistent before retrying.
OperationDenied.KeylessModeCertificatePrivateKeyNeedEmpty	The keyless certificate mode requires the private key of the certificate to be empty.
OperationDenied.NotInKeylessWhiteList	Currently, the keyless certificate feature is available only to users in the allowlist.
OperationDenied.NotInUpstreamMTLSWhiteList	The current origin-pull mutual authentication feature is only available to allowlist users.
OperationDenied.UnSupportToCloseUpstreamMTLS	Disabling the origin-pull mutual authentication is not supported now. To disable it, please change the edge HTTPS certificate configuration to 'none'.
OperationDenied.UseUpstreamMTLSNeedOpenHttps	To enable the origin-pull mutual authentication, please configure the edge HTTPS certificate first.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceUnavailable.CertNotFound	The certificate does not exist or is not authorized.
ResourceUnavailable.HostNotFound	The domain name does not exist or not use a proxy.

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ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

Origin Protection APIs
EnableOriginACL

Last updated：2025-07-03 20:23:32

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to enable 'Origin Protection' for Layer 4 or Layer 7 instances. The number of enabled instances has an upper limit: 200 for Layer 7 domains and 100 for Layer 4 proxy instances. The total number of instances cannot exceed 200, otherwise an error reminder will be triggered. You can first enable the maximum allowed number and use the ModifyOriginACL API to set the excess quantity.

This API is used to enable 'Origin Protection' for the site for the first time. Once enabled, EdgeOne will use specific origin IP ranges for L7 acceleration domains and L4 proxy instances. The maximum number of L7 acceleration domain that can be submitted in a single request is 200, and the maximum number of L4 proxy instance is 100. Mixed submissions of L7 acceleration domains and L4 proxy instances are supported, with a total maximum of 200 instances. If you need to enable more than 200 instances, you can first enable the maximum number by specifying the instances, and then enable the remaining instances through the API ModifyOriginACL. Any subsequent addition of L7 acceleration domains or L4 proxy instances should be configured through the API ModifyOriginACL.

Note:

- Calling this API is considered as agreeing to Origin Protection Enablement Conditions of Use.
- The origin IP ranges may change periodically. EdgeOne will notify you of changes to the origin IP ranges 14 days, 7 days, 3 days, and 1 day in advance through one or more methods such as internal messages, SMS, and email. To ensure you receive notifications about changes to the origin IP ranges, please make sure that you have selected the relevant product service notifications for the Edge Security Acceleration Platform (EO) in Tencent Cloud Message Center and have configured the correct message recipients. For configuration details, please refer to Message Subscription Management.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

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2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: EnableOriginACL.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Specifies the site ID.
L7EnableMode	No	String	The mode of configurating origin ACLs for L7 acceleration domains. - all: configurate origin ACLs for all L7 acceleration domains under the site. - specific: configurate origin ACLs for designated L7 acceleration domains under the site. When the parameter is empty, it defaults to specific.
L7Hosts.N	No	Array of String	The list of L7 acceleration domains that require enabling the origin ACLs. This list must be empty when the request parameter L7EnableMode is set to 'all'. A maximum of 200 domains are supported at a time.
L4EnableMode	No	String	The mode of configurating origin ACLs for L4 proxy Instances. - all: configurate origin ACLs for all L4 proxy Instances under the site. - specific: configurate origin ACLs for designated L4 proxy Instances under the site. When the parameter is empty, it defaults to specific.
L4ProxyIds.N	No	Array of String	The list of L4 proxy Instances that require enabling origin ACLs. This list must be empty when the request parameter L4EnableMode is set to 'all'. A maximum of 100 instances are supported at a time.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Enable origin protection for the site for the first time and configure it to use origin IP ranges for designated L7 acceleration domains and L4 proxy instances.

Enable origin protection for the site with ZoneId 'zone-276zs184g93m', and configure the L7 acceleration domain 'www.qq.com' and the L4 proxy instance 'sid-19389e5dwwxfs' to use origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"L7EnableMode": "specific",
"L7Hosts": [
"www.qq.com"
],
"L4EnableMode": "specific",
"L4ProxyIds": [
"sid-19389e5dwwxfs"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "9e0a2b4f-df6d-4d2a-ac39-1706cbf8a869"
}
}
```

Example2 Enable origin protection for the site for the first time and configure it to use origin IP ranges for designated L7 acceleration domains.

Enable origin protection for the site with ZoneId 'zone-276zs184g93m', and configure the L7 acceleration domain 'www.qq.com' to use origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"L7EnableMode": "specific",
"L7Hosts": [
"www.qq.com"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "9e0a2b4f-df6d-4d2a-ac39-1706cbf8a869"
}
}
```

Example3 Enable origin protection for the site for the first time and configure it to use origin IP ranges for designated L4 proxy instances.

Enable origin protection for the site with ZoneId 'zone-276zs184g93m', and configure the L4 proxy instance 'sid-19389e5dwwxfs' to use origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"L4EnableMode": "specific",
"L4ProxyIds": [
```

```
"sid-19389e5dwwxfs"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "9e0a2b4f-df6d-4d2a-ac39-1706cbf8a869"
}
}
```

Example4 Enable origin protection for the site for the first time and configure it to use origin IP ranges for all L7 acceleration domains and L4 proxy instances.

Enable origin protection for the site with ZoneId 'zone-276zs184g93m', and configure all L7 acceleration domains and L4 proxy instances to use origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"L7EnableMode": "all",
"L4EnableMode": "all"
}
```

Output Example

```
{
"Response": {
"RequestId": "9e0a2b4f-df6d-4d2a-ac39-1706wdf8a869"
}
}
```

Example5 Enable origin protection for the site for the first time and configure it to use origin IP ranges for all L7 acceleration domains.

Enable origin protection for the site with ZoneId 'zone-276zs184g93m', and configure all L7 acceleration domains to use origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"L7EnableMode": "all"
}
```

Output Example

```
{
"Response": {
"RequestId": "9e0a2b4f-df6d-4d2a-ac39-1706wdf8a869"
}
}
```

Example6 Enable origin protection for the site for the first time and configure it to use origin IP ranges for all L4 proxy instances.

Enable origin protection for the site with ZoneId 'zone-276zs184g93m', and configure all L4 proxy instances to use origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: EnableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"L4EnableMode": "all"
}
```

Output Example

```
{
"Response": {
"RequestId": "9e0a2b4f-df6d-4d2a-ac39-1706wdf8a869"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameter.InvalidDomains	The domain name is illegal. check whether a non-existent domain name is passed in the input parameters.

InvalidParameter.InvalidProxies	The layer 4 proxy is illegal. check whether a non-existing proxy is passed in the input parameters.
OperationDenied	Operation denied.
OperationDenied.UnsupportedPlan	The package is not supported.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyOriginACL

Last updated：2025-07-03 20:23:31

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to enable or disable specific origin ACLs for L7 acceleration domain names or L4 proxy instances. A single submission supports up to 200 L7 acceleration domain names or 100 L4 proxy instances. Hybrid submissions of L7 acceleration domain names and L4 proxy instances are supported, with a maximum total number of instances of 200. If changes are needed for exceeding 200 instances, submit them in batches via this API.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyOriginACL.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Specifies the site ID.
OriginACLEntities.N	No	Array of OriginACLEntity	Specifies the instance that needs to configurate origin ACLs.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Add New L7 Acceleration Domains Enabling Origin ACLs

This example shows you how to add the L7 acceleration domain 'www.qq.com' under site 'zone-276zs184g93m' enabling origin ACLs.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"OriginACLEntities": [
{
"OperationMode": "enable",
"Type": "l7",
"Instances": [
"www.qq.com"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "fe0a2b4f-df6d-4d2a-ac39-1706cbf8a868"
```

```
}
}
```

Example2 Disable Origin ACLs for L4 Proxy Instances

This example shows you how to disable origin ACLs for the L4 proxy instance 'sid-19389e5dwwxfs' under site 'zone-276zs184g93m'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"OriginACLEntities": [
{
"OperationMode": "disable",
"Type": "l4",
"Instances": [
"sid-19389e5dwwxfs"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "fe0a2b4f-df6d-4d2a-ac39-1706cbf8a868"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter	Parameter error.
InvalidParameter.InvalidDomains	The domain name is illegal. check whether a non-existent domain name is passed in the input parameters.
InvalidParameter.InvalidProxies	The layer 4 proxy is illegal. check whether a non-existing proxy is passed in the input parameters.
OperationDenied	Operation denied.
OperationDenied.UnsupportedPlan	The package is not supported.
OperationDenied.UpdateIPWhitelistFirst	Please first update the IP allowlist.

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DescribeOriginACL

Last updated：2025-07-03 20:23:35

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the binding relationship between L7 acceleration domains/L4 proxy instances and origin ACLs under a site, as well as IP range details. If you want to periodically obtain the latest version of origin IP ranges through an automation script, you can poll this API at a low-frequency (recommended every three days). If the NextOriginACL field has a return value, synchronize the latest origin IP ranges to the origin server firewall configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOriginACL.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Specifies the site ID.

3. Output Parameters

Parameter	Type	Description

Name		
OriginACLInfo	OriginACLInfo	Describes the binding relationship between the l7 acceleration domain/l4 proxy instance and the origin server IP range.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Origin Protection Detail

This example shows you how to query the binding relationship between the L7 acceleration domain/L4 proxy instance and the origin IP range, as well as the origin IP range details for the selected site with ZoneId 'zone-276zs184g93m'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m"
}
```

Output Example

```
{
"Response": {
"RequestId": "de0a2b4f-df6d-4d2a-ac39-1706cbf8a797",
"OriginACLInfo": {
"L7Hosts": [
"www.example.com"
],
"L4ProxyIds": [
"proxy-19389e5dwwxfs"
],
"CurrentOriginACL": {
"EntireAddresses": {
"IPv4": [
```

```
"11.11.11.11/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
},
"Version": "mlc-1.0.1-20250421",
"ActiveTime": "2014-11-30T10:00:00Z",
"IsPlaned": "false"
},
"Status": "online",
"NextOriginACL": {
"Version": "mlc-1.0.1-20250422",
"PlannedActiveTime": "2014-12-30T10:00:00Z",
"EntireAddresses": {
"IPv4": [
"11.11.11.11/24",
"22.22.22.22/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
},
"AddedAddresses": {
"IPv4": [
"22.22.22.22/24"
],
"IPv6": []
},
"RemovedAddresses": {
"IPv4": [],
"IPv6": []
},
"NoChangeAddresses": {
"IPv4": [
"11.11.11.11/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
}
}
}
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter	Parameter error.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ConfirmOriginACLUpdate

Last updated：2025-07-03 20:23:36

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to confirm that the latest origin ACLs have been updated to the origin server firewall when the origin ACLs change. After confirming the update to the latest version, related change notifications will stop pushing.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ConfirmOriginACLUpdate.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Specifies the site ID.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Confirm Updated to the Latest Origin ACLs

The selected site with ZoneId 'zone-276zs184g93m' confirms the latest origin ACLs have been updated to the origin server firewall.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ConfirmOriginACLUpdate
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m"
}
```

Output Example

```
{
"Response": {
"RequestId": "af0a2b4f-df6d-4d2a-ac39-1706cbf8a868"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP

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- Tencent Cloud SDK 3.0 for Go
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
OperationDenied	Operation denied.
OperationDenied.LatestVersionNow	The origin allowlist is already the latest version. no need to update.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

DisableOriginACL

Last updated：2025-07-03 20:23:34

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to disable 'Origin Protection' of a site. Once disabled, resources related to it will no longer use only the origin ACLs provided by "origin protection" to request your origin, and stops sending update notifications on the origin ACLs.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DisableOriginACL.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Specifies the site ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

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		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Disable Origin Protection

This example shows you how to disable 'Origin Protection' for a site with ZoneId 'zone-276zs184g93m'.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DisableOriginACL
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m"
}
```

Output Example

```
{
"Response": {
"RequestId": "ce0a2b4f-df6d-4d2a-ac39-1706cbf8a863"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

Load Balancing APIs
CreateOriginGroup

Last updated：2025-02-19 19:33:10

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create an origin group for easy management. The created origin server group can be used for **adding acceleration domain names** and **layer-4 proxy configuration**.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID
Name	No	String	Origin group name. It can contain 1 to 200 characters ([a-z], [A-Z], [0-9] and [_-]).
Type	No	String	(Required) Origin group type. Values:

			• `GENERAL` : General origin groups. It supports IPs and domain names. It can be referenced by DNS, Rule Engine, Layer 4 Proxy and General LoadBalancer. • `HTTP` : HTTP-specific origin groups. It supports IPs/domain names and object storage buckets. It can be referenced by acceleration domain names, rule engines and HTTP LoadBalancer. It cannot be referenced by L4 proxies.
Records.N	No	Array of OriginRecord	(Required) Origins in the origin group.
HostHeader	No	String	Host header used for origin-pull. It only works when `Type=HTTP` . The `HostHeader` specified in `RuleEngine` takes a higher priority over this configuration.

3. Output Parameters

Parameter Name	Type	Description
OriginGroupId	String	The ID of the origin group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an origin group

This example shows you how to create an HTTP-specific origin groups.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2kblak89bkx1",
```

```
"Name": "edgeone-origin",
"Type": "HTTP",
"Records": [
{
"Record": "1.1.1.1",
"Type": "IP_DOMAIN",
"Weight": 20
},
{
"Record": "s3.test.tencent.com",
"Type": "AWS_S3",
"Weight": 30
}
]
}
```

Output Example

```
{
"Response": {
"OriginGroupId": "origin-df19b73e-3a4c-11ee-a68f-5254000a367f",
"RequestId": "8240f255-241c-4bae-979f-4738d7ea3f84"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.HostHeaderInvalid	Host header error
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidOriginGroupType	The origin server group type is incorrect.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.OriginNameExists	The origin group name already exists.
InvalidParameter.OriginRecordFormatError	Incorrect origin server format.
InvalidParameter.OriginRecordWeightValue	Weight value range: 0-100.
InvalidParameter.OriginThirdPartyParamFormatError	The key format is incorrect.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.LoadBalancingZoneIsNotActive	The site status does not support operations on load balancers.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyOriginGroup

Last updated：2025-02-19 19:33:07

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify the configuration of an origin group. The original configuration will be overwritten.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID
GroupId	No	String	(Required) Origin group ID
Name	No	String	Origin group name. It can contain 1 to 200 characters ([a-z], [A-Z], [0-9] and [_-]). The original configuration applies if this field is not specified.
Type	No	String	The origin grouptype. Values: • `GENERAL` : General origin groups. It supports IPs and domain names. It can be referenced by DNS, Rule Engine, Layer

			4 Proxy and General LoadBalancer. • `HTTP` : HTTP-specific origin groups. It supports IPs/domain names and object storage buckets. It can be referenced by acceleration domain names, rule engines and HTTP LoadBalancer. It cannot be referenced by L4 proxies. The original configuration is used if it's not specified.
Records.N	No	Array of OriginRecord	Origin information. The original configuration is used if it's not specified.
HostHeader	No	String	Host header used for origin-pull. It only works when `Type=HTTP` . If it's not specified, no specific Host header is configured. The `HostHeader` specified in `RuleEngine` takes a higher priority over this configuration.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Renaming an origin group

This example shows you how to rename an origin group to `edgeone-new-origin` .

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2kblak89bkx1",
"GroupId": "origin-df19b73e-3a4c-11ee-a68f-5254000a367f",
```

```
"Name": "edgeone-rename-origin"
}
```

Output Example

```
{
"Response": {
"RequestId": "c2886bcd-173f-499e-b425-022ceaf636d8"
}
}
```

Example2 Modifying an origin group

This example show you how to modify origins in an origin group in an overwriting manner.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2nrle17s0v0r",
"GroupId": "origin-afbce0e9-6e8a-11ee-8944-52540084caf1",
"Records": [
{
"Record": "2.2.2.2",
"Type": "IP_DOMAIN"
},
{
"Record": "3.3.3.3",
"Type": "IP_DOMAIN"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "39f96a44-9a52-4a9f-8b76-4ccc9e496f40"
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.HostHeaderInvalid	Host header error
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.OriginL4RecordIPV4MixDomain	The layer-4 proxy strictly prohibits mixing IPs and domain names.
InvalidParameter.OriginL4RecordMultiDomain	Usage of multi-domain origin server is forbidden for layer-4 proxy.

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InvalidParameter.OriginNameExists	The origin group name already exists.
InvalidParameter.OriginRecordFormatError	Incorrect origin server format.
OperationDenied	Operation denied.
OperationDenied.AccelerationDomainStatusNotInOnline	An L7 DNS service referencing the origin group is being deployed. Please edit later.
OperationDenied.L4StatusNotInOnline	Unable to operate the L4 instance when it’s not running
OperationDenied.LoadBalanceStatusNotInOnline	The affiliated Cloud Load Balancer is not in a running state. Operation is forbidden.
ResourceNotFound	The resource doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteOriginGroup

Last updated：2025-02-19 19:33:09

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete an origin group. Note that an origin group can not be deleted if it is referenced by services (e.g. L4 Proxy, domain name service, load balancing, rule engines).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
GroupId	No	String	Origin server group ID. This parameter is required.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an origin group

This example shows you how to delete an origin group.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2kblak89bkx1",
"GroupId": "origin-057c4d82-383c-11ee-8888-525400682e90"
}
```

Output Example

```
{
"Response": {
"RequestId": "5453af19-f084-4038-915c-88d9c4fe9c4e"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
OperationDenied	Operation denied.
OperationDenied.OriginGroupAccelerationDomainUsed	Failed to delete: The acceleration domain name is in use.
OperationDenied.OriginGroupL4Used	The Layer 4 proxy is in use and cannot be deleted.
OperationDenied.OriginGroupLBUsed	The Cloud Load Balancer is in use and cannot be deleted.
OperationDenied.OriginGroupRuleEngineUsed	The rule engine is in use and cannot be deleted.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeOriginGroup

Last updated：2025-02-19 19:33:08

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to obtain a list of origin groups.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	(Required) Site ID
Offset	No	Integer	The paginated query offset. Default value: 0
Limit	No	Integer	Limit on paginated queries. Value range: 1-1000. Default value: 20.
Filters.N	No	Array of AdvancedFilter	Filters. Each filter can have up to 20 entries. See below for details: • `origin-group-id` Filter by the **origin group ID**. Format: `origin-2ccgtb24-`

			`7dc5-46s2-9r3e-95825d53dwe3a` Fuzzy query is not supported • `origin-group-name` Filter by the **origin group name** Fuzzy query is supported. When fuzzy query is used, only one origin groupsource site group name is supported

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of records.
OriginGroups	Array of OriginGroup	Origin group information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of origin groups

This example shows you how to query the list of origin groups by a specified ID.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOriginGroup
<Common request parameters>

{
"Filters": [
{
"Name": "origin-group-id",
"Values": [
"origin-057c4d82-383c-11ee-8888-525400682e90"
]
```

```
}
]
}
```

Output Example


```
{
"Response": {
"OriginGroups": [
{
"CreateTime": "2023-08-11T19:41:33Z",
"GroupId": "origin-057c4d82-383c-11ee-8888-525400682e90",
"HostHeader": "",
"Name": "test_ruichaolin",
"Records": [
{
"Private": false,
"PrivateParameters": [],
"Record": "4.4.4.4",
"RecordId": "record-3492ee3b-383c-11ee-8888-525400682e90",
"Type": "IP_DOMAIN",
"Weight": 40
}
],
"References": [],
"Type": "HTTP",
"UpdateTime": "2023-08-11T19:41:33Z"
}
],
"RequestId": "a2e38df8-5800-4495-bd61-b6761b070d50",
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java

- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

CreateLoadBalancer

Last updated：2025-02-19 19:33:10

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a LoadBalancer. For details, see Quickly Create Load Balancers. The load balancing feature is in beta test. If you need to use it, contact us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateLoadBalancer.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Name	Yes	String	LoadBalancer name, which can contain 1 to 200 characters, including a-z, A-Z, 0-9, underscores (_), and hyphens (-).
Type	Yes	String	LoadBalancer type. Valid values:

			• HTTP: HTTP-specific LoadBalancer. It supports adding HTTP-specific and general origin server groups. It can only be referenced by site acceleration services (such as domain name service and rule engine). • GENERAL: general LoadBalancer. It only supports adding general origin server groups. It can be referenced by site acceleration services (such as domain name service and rule engine) and Layer-4 proxy.
OriginGroups.N	Yes	Array of OriginGroupInLoadBalancer	List of origin server groups and their corresponding disaster recovery scheduling priorities. For details, refer to Sample Scenario in Quickly Create Load Balancers.
HealthChecker	No	HealthChecker	Health check policy. For details, refer to Health Check Policies. If left empty, health check is disabled by default.
SteeringPolicy	No	String	Traffic scheduling policy among origin server groups. Valid values: • Priority: Perform failover according to priority. The default value is Priority.
FailoverPolicy	No	String	Request retry policy when access to an origin server fails. For details, refer to Introduction to Request Retry Strategy. Valid values: • OtherOriginGroup: After a single request fails, retry with another origin server within the next lower priority origin server group. • OtherRecordInOriginGroup: After a single request fails, retry with another origin server within the same origin server group. The default value is OtherRecordInOriginGroup.

3. Output Parameters

Parameter Name	Type	Description
InstanceId	String	CLB instance ID.

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a LoadBalancer with the Health Check Policy Set to ICMP Ping

This example shows you how to create a LoadBalancer by selecting ICMP Ping for a health check policy and OtherRecordInOriginGroup for a request retry policy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpaxol",
"Name": "ICMP-LB",
"Type": "HTTP",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_2",
"OriginGroupId": "og-30l5kv5z2bse"
}
],
"HealthChecker": {
"Type": "ICMP Ping",
"Interval": 30,
"Timeout": 5,
"HealthThreshold": 3,
"CriticalThreshold": 2
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherRecordInOriginGroup"
}
```

Output Example

```
{
"Response": {
"RequestId": "c2967195-cfd7-4bd0-ac05-d2eaccde6909",
"InstanceId": "lb-2osw7z07dnyu"
}
}
```

Example2 Creating a LoadBalancer with the Health Check Policy Set to HTTPS

This example shows you how to create a LoadBalancer by selecting HTTPS for a health check policy and OtherRecordInOriginGroup for a request retry policy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpaxol",
"Name": "HTTPS-LB",
"Type": "GENERAL",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_2",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_3",
"OriginGroupId": "og-30l5kv5z2bse"
}
],
"HealthChecker": {
"Type": "HTTPS",
"Path": "www.example.com/test",
"Port": 80,
"Interval": 30,
"Method": "HEAD",
```

```
"ExpectedCodes": [
"200",
"500",
"501",
"502",
"503",
"504",
"505",
"507",
"520",
"521",
"525",
"530",
"544",
"562",
"567",
"599"
],
"FollowRedirect": "true",
"Headers": [
{
"Key": "header1",
"Value": "header1"
},
{
"Key": "header2",
"Value": "header2"
},
{
"Key": "header3",
"Value": "header3"
}
],
"Timeout": 5,
"HealthThreshold": 3,
"CriticalThreshold": 2
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherRecordInOriginGroup"
}
```

Output Example

```
{
"Response": {
"RequestId": "c2967195-cfd7-4bd0-ac05-d2eaccde6909",
```

```
"InstanceId": "lb-2osw7z17dnyu"
}
}
```

Example3 Creating a LoadBalancer with the Health Check Policy Set to HTTP

This example shows you how to create a LoadBalancer by selecting HTTP for a health check policy and OtherRecordInOriginGroup for a request retry policy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpaxol",
"Name": "HTTP-LB",
"Type": "GENERAL",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_2",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_3",
"OriginGroupId": "og-30l5kv5z2bse"
}
],
"HealthChecker": {
"Type": "HTTP",
"Path": "www.example.com/test",
"Port": 80,
"Interval": 30,
"Method": "HEAD",
"ExpectedCodes": [
"200",
"500",
"501",
"502",
```

```
"503",
"504",
"505",
"507",
"520",
"521",
"525",
"530",
"544",
"562",
"567",
"599"
],
"FollowRedirect": "true",
"Headers": [
{
"Key": "header1",
"Value": "header1"
},
{
"Key": "header2",
"Value": "header2"
},
{
"Key": "header3",
"Value": "header3"
}
],
"Timeout": 5,
"HealthThreshold": 3,
"CriticalThreshold": 2
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherRecordInOriginGroup"
}
```

Output Example

```
{
"Response": {
"RequestId": "c2967195-cfd7-4bd0-ac05-d2eaccde6909",
"InstanceId": "lb-2osw7z07dnyu"
}
}
```

Example4 Creating a LoadBalancer with the Health Check Policy Set to TCP

This example shows you how to create a LoadBalancer by selecting TCP for a health check policy and OtherOriginGroup for a request retry policy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnsaxol",
"Name": "TCP-LB",
"Type": "HTTP",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_2",
"OriginGroupId": "og-30l5kv5z2bse"
}
],
"HealthChecker": {
"Type": "TCP",
"Port": 80,
"Interval": 30,
"Timeout": 5,
"HealthThreshold": 3,
"CriticalThreshold": 2
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherOriginGroup"
}
```

Output Example

```
{
"Response": {
"RequestId": "afe08af5-51f3-4f2e-911b-987ebb88a572",
"InstanceId": "lb-2osbdyhu19iy"
```

```
}
}
```

Example5 Creating a LoadBalancer with the Health Check Policy Set to UDP

This example shows you how to create a LoadBalancer by selecting UDP for a health check policy and OtherOriginGroup for a request retry policy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lsnpaxol",
"Name": "UDP-LB",
"Type": "GENERAL",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z215e"
},
{
"Priority": "priority_2",
"OriginGroupId": "og-30l5kv5z2bse"
}
],
"HealthChecker": {
"Type": "UDP",
"Port": 80,
"SendContext": "requestcontent",
"RecvContext": "responsecontent",
"Interval": 30,
"Timeout": 5,
"HealthThreshold": 3,
"CriticalThreshold": 2
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherOriginGroup"
}
```

Output Example

```
{
"Response": {
"RequestId": "57d0154c-f9ab-42b7-ad83-232106647ff3",
"InstanceId": "lb-2oswhs520uqe"
}
}
```

Example6 Creating a LoadBalancer with Probe Disabled

This example shows you how to create a LoadBalancer by selecting OtherOriginGroup for a request retry policy without enabling any health check policy. It is suitable for scenarios with only primary and replica origin servers configured.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpaxol",
"Name": "NoCheck-LB",
"Type": "HTTP",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_2",
"OriginGroupId": "og-30l5kv5z2ase"
}
],
"HealthChecker": {
"Type": "NoCheck"
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherOriginGroup"
}
```

Output Example

```
{
"Response": {
"RequestId": "2c619f7f-27e9-43c5-b42c-68dcca803d35",
"InstanceId": "lb-2osw2ssziowm"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.LoadBalancerNameRepeated	The LoadBalancer names under the same site should be unique.
InvalidParameter.OriginGroupTypeCanNotMatchLBType	The type of the origin server group does not match the LoadBalancer type.
InvalidParameter.SomeOriginGroupNotExist	Some bound origin server groups do not exist.

LimitExceeded.LoadBalancingCountLimitExceeded	The number of LoadBalancers exceeds the limit.

ModifyLoadBalancer

Last updated：2025-02-19 19:33:07

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify LoadBalancer configuration. The load balancing feature is in beta test. If you need to use it, contact us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyLoadBalancer.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
InstanceId	Yes	String	CLB instance ID.
Name	No	String	LoadBalancer name, which can contain 1 to 200 characters, including a-z, A-Z, 0-9, underscores (_), and hyphens (-). The original

			configuration applies if this field is not specified.
OriginGroups.N	No	Array of OriginGroupInLoadBalancer	List of origin server groups and their corresponding disaster recovery scheduling priorities. For details, refer to Sample Scenario in Quickly Create Load Balancers. The original configuration applies if this field is not specified.
HealthChecker	No	HealthChecker	Health check policy. For details, refer to Health Check Policies. The original configuration applies if this field is not specified.
SteeringPolicy	No	String	Traffic scheduling policy among origin server groups. Valid values: • Priority: Perform failover according to priority. The original configuration applies if this field is not specified.
FailoverPolicy	No	String	Request retry policy when access to an origin server fails. For details, refer to Introduction to Request Retry Strategy. Valid values: • OtherOriginGroup: After a single request fails, retry with another origin server within the next lower priority origin server group. • OtherRecordInOriginGroup: After a single request fails, retry with another origin server within the same origin server group. The original configuration applies if not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the Check Policy of a LoadBalancer

This example shows you how to change the check policy of a LoadBalancer to HTTP probe.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpaxol",
"Name": "HTTP-LB",
"OriginGroups": [
{
"Priority": "priority_1",
"OriginGroupId": "og-30l5kv5z2bse"
},
{
"Priority": "priority_2",
"OriginGroupId": "oog-30l3kv5z2bse"
},
{
"Priority": "priority_3",
"OriginGroupId": "og-30l5kv5z22e9"
}
],
"HealthChecker": {
"Type": "HTTP",
"Path": "www.qq.com/test111",
"Port": 80,
"Interval": 30,
"Method": "HEAD",
"ExpectedCodes": [
"200",
"400",
"401",
"402",
"403",
"404",
"405",
"406",
```

```
"408",
"409",
"410",
"411",
"412",
"413",
"414",
"415",
"416",
"417",
"418",
"421",
"423",
"424",
"426",
"429",
"431",
"433",
"434",
"444",
"451",
"499"
],
"FollowRedirect": "false",
"Headers": [
{
"Key": "header1",
"Value": "header1"
},
{
"Key": "header2",
"Value": "header2"
}
],
"Timeout": 5,
"HealthThreshold": 3,
"CriticalThreshold": 2
},
"SteeringPolicy": "Pritory",
"FailoverPolicy": "OtherRecordInOriginGroup",
"InstanceId": "lb-2sswjr6gnfy2"
}
```


Output Example

```
{
"Response": {
"RequestId": "a66b1739-9f63-4c2b-bad2-8ef0ca714d56"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.LoadBalancerBindL4NotInStableStatus	The Layer-4 proxy service referencing a LoadBalancer is being deployed. Please edit later.
InvalidParameter.LoadBalancerBindL7NotInStableStatus	The Layer-7 domain name service referencing a LoadBalancer is being deployed. Please edit later.

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DeleteLoadBalancer

Last updated：2025-02-19 19:33:09

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a LoadBalancer. If the LoadBalancer is referenced by other services (for example, Layer-4 proxy), the LoadBalancer cannot be deleted until the reference relationship is removed. The load balancing feature is in beta test. If you need to use it, contact us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteLoadBalancer.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
InstanceId	Yes	String	CLB instance ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a LoadBalancer

This example shows you how to delete a LoadBalancer.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteLoadBalancer
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnqaxol",
"InstanceId": "lb-23sw25sziowm"
}
```

Output Example

```
{
"Response": {
"RequestId": "669724a7-65b1-4a13-b130-0ebccdb76ecd"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python

- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.LoadBalancerUsedInL4Proxy	The LoadBalancer is referenced by the layer-4 instance and cannot be deleted.
InvalidParameter.LoadBalancerUsedInL7Domain	The LoadBalancer is referenced by the layer-7 domain name and cannot be deleted.
InvalidParameter.LoadBalancerUsedInRuleEngine	The LoadBalancer is referenced by the rule engine and cannot be deleted.

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DescribeLoadBalancerList

Last updated：2025-02-19 19:33:08

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the LoadBalancer list. The load balancing feature is in beta test. If you need to use it, contact us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeLoadBalancerList.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Offset	No	Integer	Offset of paginated query. Default value: 0.
Limit	No	Integer	Paginated query limit. Default value: 20, maximum value: 100.
Filters.N	No	Array of Filter	Filter criteria. The maximum value of Filters.Values is 20. If this parameter is left empty, all LoadBalancer information under the current zone ID will be returned. The detailed filter criteria are as follows: • InstanceName: Filter by LoadBalancer name.

			• InstanceId: Filter by LoadBalancer ID.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of LoadBalancers.
LoadBalancerList	Array of LoadBalancer	LoadBalancer list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the LoadBalancer List

This example shows you how to query the LoadBalancer list.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeLoadBalancerList
<Common request parameters>

{
"Offset": 0,
"Limit": 10,
"ZoneId": "zone-2ju9lrnpaxol",
"Filters": []
}
```

Output Example

```
{
"Response": {
```

```
"RequestId": "b8ecbb28-9360-4895-8138-668315e80b05",
"LoadBalancerList": [
{
"FailoverPolicy": "OtherOriginGroup",
"HealthChecker": {
"CriticalThreshold": 0,
"ExpectedCodes": [],
"FollowRedirect": "",
"Headers": [],
"HealthThreshold": 0,
"Interval": 0,
"Method": "",
"Path": "",
"Port": 0,
"RecvContext": "",
"SendContext": "",
"Timeout": 0,
"Type": "NoCheck"
},
"InstanceId": "lb-2my56s2a4fw7",
"L4UsedList": [],
"L7UsedList": [],
"Name": "dyn-lb",
"OriginGroupHealthStatus": [
{
"OriginGroupID": "og-30l5kv5z2bse",
"OriginGroupName": "allen_test_slave",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.12.231.49"
},
{
"Healthy": "Unhealthy",
"Origin": "43.137.35.174"
}
],
"OriginType": "GENERAL",
"Priority": "priority_1"
},
{
"OriginGroupID": "og-30l5kv5z2ase",
"OriginGroupName": "allen_test_master",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.116.214.39"
```

```
},
{
"Healthy": "Unhealthy",
"Origin": "43.138.115.171"
}
],
"OriginType": "GENERAL",
"Priority": "priority_2"
},
{
"OriginGroupID": "og-30l5kv5z2bsf",
"OriginGroupName": "test-origin",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
},
{
"Healthy": "Unhealthy",
"Origin": "www.baidu.com"
}
],
"OriginType": "GENERAL",
"Priority": "priority_3"
},
{
"OriginGroupID": "og-31l5kv5z2bsf",
"OriginGroupName": "origin-general",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
},
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
}
],
"OriginType": "GENERAL",
"Priority": "priority_4"
}
],
"Status": "Running",
"SteeringPolicy": "Pritory",
"Type": "GENERAL"
},
{
```

```
"FailoverPolicy": "OtherOriginGroup",
"HealthChecker": {
"CriticalThreshold": 2,
"ExpectedCodes": [],
"FollowRedirect": "",
"Headers": [],
"HealthThreshold": 3,
"Interval": 30,
"Method": "",
"Path": "",
"Port": 3344,
"RecvContext": "",
"SendContext": "",
"Timeout": 5,
"Type": "TCP"
},
"InstanceId": "lb-2my4ja5zzo1j",
"L4UsedList": [],
"L7UsedList": [],
"Name": "pic-lb",
"OriginGroupHealthStatus": [
{
"OriginGroupID": "og-30l5kv5z2bse",
"OriginGroupName": "allen_test_master",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.116.214.39"
},
{
"Healthy": "Unhealthy",
"Origin": "43.138.115.171"
}
],
"OriginType": "GENERAL",
"Priority": "priority_1"
},
{
"OriginGroupID": "og-30l5kv5z2bse",
"OriginGroupName": "allen_test_slave",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.12.231.49"
},
{
"Healthy": "Unhealthy",
```

```
"Origin": "43.137.35.174"
}
],
"OriginType": "GENERAL",
"Priority": "priority_2"
}
],
"Status": "Running",
"SteeringPolicy": "Pritory",
"Type": "GENERAL"
}
],
"TotalCount": 2
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

FailedOperation	Operation failed.

DescribeOriginGroupHealthStatus

Last updated：2025-02-19 19:33:08

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the health status of origin server groups under a LoadBalancer. The load balancing feature is in beta test. If you need to use it, contact us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOriginGroupHealthStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
LBInstanceId	Yes	String	CLB instance ID.
OriginGroupIds.N	No	Array of String	Origin server group ID. If left empty, the health status of all origin server groups under a LoadBalancer is obtained by default.

3. Output Parameters

Parameter Name	Type	Description
OriginGroupHealthStatusList	Array of OriginGroupHealthStatusDetail	Health status of origin servers in an origin server group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Health Status of Origin Servers Under a LoadBalancer

This example shows you how to query the health status of origin servers under a LoadBalancer.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOriginGroupHealthStatus
<Common request parameters>

{
"ZoneId": "zone-2ju9lrmqaxol",
"LBInstanceId": "lb-2mzy6je01y82",
"OriginGroupIds": [
"og-30l5kv5z2bse"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "2b891f6f-3317-4c31-a1dd-5b2e53eaae4e",
"OriginGroupHealthStatusList": [
{
"CheckRegionHealthStatus": [
{
"Healthy": "Unhealthy",
```

```
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
},
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
}
],
"Region": "BR-SP"
},
{
"Healthy": "Unhealthy",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
},
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
}
],
"Region": "CN-JX"
},
{
"Healthy": "Unhealthy",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
},
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
}
],
"Region": "NL-NH"
},
{
"Healthy": "Unhealthy",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
},
```

```
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
}
],
"Region": "CN-SD"
},
{
"Healthy": "Unhealthy",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
},
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
}
],
"Region": "US-FL"
}
],
"OriginGroupId": "og-30l5kv5z2bse",
"OriginHealthStatus": [
{
"Healthy": "Unhealthy",
"Origin": "2.2.2.2"
},
{
"Healthy": "Unhealthy",
"Origin": "1.1.1.1"
}
]
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Diagnostic Tool APIs
DescribeIPRegion

Last updated：2025-02-19 19:33:20

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to check if the IP is an EdgeOne IP.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeIPRegion.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
IPs.N	Yes	Array of String	List of IPs to be queried, supporting IPV4 and IPV6. Up to 100 can be queried.

3. Output Parameters

Parameter	Type	Description

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Name		
IPRegionInfo	Array of IPRegionInfo	List of IP attribution information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying IP geographic location information

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeIPRegion
<Common request parameters>{
"IPs": [
"1.1.1.1",
"2402:4e00:1403:eb00:0:9440:b55a:39a8"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "bc0bb357-0b72-4abb-ae66-ffffb965aced",
"IPRegionInfo": [
{
"IP": "120.226.17.168",
"IsEdgeOneIP": "yes"
},
{
"IP": "101.33.20.11",
"IsEdgeOneIP": "yes"
},
{
"IP": "120.222.238.33",
"IsEdgeOneIP": "yes"
},
```

```
{
"IP": "120.222.238.33",
"IsEdgeOneIP": "yes"
},
{
"IP": "120.226.17.167",
"IsEdgeOneIP": "yes"
},
{
"IP": "120.226.17.168",
"IsEdgeOneIP": "yes"
},
{
"IP": "43.130.34.95",
"IsEdgeOneIP": "no"
},
{
"IP": "43.128.224.98",
"IsEdgeOneIP": "no"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.

Custom Response Page APIs
CreateCustomizeErrorPage

Last updated：2025-02-19 19:33:31

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a custom response page.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateCustomizeErrorPage.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Name	Yes	String	Custom error page name. The name must be 2-30 characters long.
ContentType	Yes	String	Custom error page type, with values: • text/html; • application/json; • text/plain; • text/xml.

Description	No	String	Custom error page description, not exceeding 60 characters.
Content	No	String	Custom error page content, not exceeding 2 KB.

3. Output Parameters

Parameter Name	Type	Description
PageId	String	Page ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a custom response page

This example shows you how to create a custom response page.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateCustomizeErrorPage
<Common request parameters>

{
"ZoneId": "zone-2kplomhisdcb",
"Name": "Web Protection Custom Response Page",
"Description": "web protection custom response page",
"ContentType": "application/json",
"Content": "{\"title\":\"Custom Response Page\", \"Content\":\"custom response page content\"}"
}
```

Output Example

```
{
"Response": {
"PageId": "p-2kplomhisdcb",
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameterValue.ContentTypeNotMatch	The page content does not match the Content-Type.
InvalidParameterValue.PageNameAlreadyExist	The page name already exists.

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DescribeCustomErrorPages

Last updated：2025-02-19 19:33:30

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the custom response page list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeCustomErrorPages.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Filters.N	No	Array of AdvancedFilter	Filter criteria. The maximum number of Filters.Values is 20. The detailed Name values of filter criteria are as follows: • page-id: Filter by page ID; • name: Filter by page name; • description: Filter by page description; • content-type: Filter by page type.
Offset	No	Integer	The offset of paginated query. Default value: 0.

Limit	No	Integer	The limit of paginated query. Default value: 20. Maximum value: 1,000.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of custom error pages.
ErrorPages	Array of CustomErrorPage	Custom error page data list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the custom response page list

This example shows you how to query the custom response page list.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeCustomResponsePages
<Common request parameters>

{
"ZoneId": "zone-2kplomhisdcb",
"Filters": [
{
"Name": "name",
"Values": [
"web protection response page"
]
}
],
"Offset": 1,
```

```
"Limit": 20
}
```

Output Example


```
{
"Response": {
"ErrorPages": [
{
"PageId": "p-2kplomhisdcb",
"Name": "Web Protection Response Page",
"ContentType": "application/json",
"Content": "{\"title\": \"custom response page title\",\"content\": \"custom resp
onse page content\"}",
"Description": "custom web protection response page"
}
],
"TotalCount": 1,
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
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Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.

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ModifyCustomErrorPage

Last updated：2025-02-19 19:33:30

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to modify a custom response page.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyCustomErrorPage.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PageId	Yes	String	Custom error page ID.
ZoneId	Yes	String	Zone ID.
Name	No	String	Custom error page name. The name must be 2-60 characters long.
Description	No	String	Custom error page description, not exceeding 60 characters.
ContentType	No	String	Custom error page type, with values: • text/html. • application/json.

			• plain/text. • text/xml.
Content	No	String	Custom error page content, not exceeding 2 KB.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a custom response page

This example shows you how to modify a custom response page.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyCustomErrorPage
<Common request parameters>

{
"PageId": "p-2kplomhisdcb",
"ZoneId": "zone-2kplomhisdcb",
"Name": "Web Protection Custom Response Page",
"Description": "web protection custom response page",
"ContentType": "application/json",
"Content": "{\"title\": \"custom response page title\",\"content\": \"custom resp
onse page content\"}"
}
```

Output Example

```
{
"Response": {
```

```
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

DeleteCustomErrorPage

Last updated：2025-02-19 19:33:30

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to delete a custom response page.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteCustomErrorPage.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
PageId	Yes	String	Custom page ID.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a custom response page

This example shows you how to delete a custom response page.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteCustomErrorPage
<Common request parameters>

{
"PageId": "p-2kplomhisdcb",
"ZoneId": "zone-2kplomhisdcb"
}
```

Output Example

```
{
"Response": {
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.

DNS Record APIs
CreateDnsRecord

Last updated：2025-02-19 19:33:29

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

After creating a site and the site is accessed in NS mode, you can create DNS records through this API.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateDnsRecord.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
Name	Yes	String	DNS record name. if the domain name is in chinese, korean, or japanese, it needs to be converted to punycode before input.
Type	Yes	String	DNS record type. valid values are: • a: points the domain name to an external ipv4 address, such as 8.8.8.8; • aaaa: points the domain name to an external ipv6 address;

			• mx: used for email servers. when there are multiple mx records, the lower the priority value, the higher the priority; • cname: points the domain name to another domain name, which then resolves to the final ip address; • txt: identifies and describes the domain name, commonly used for domain verification and spf records (anti-spam); • ns: if you need to delegate the subdomain to another dns service provider for resolution, you need to add an ns record. the root domain cannot add ns records; • caa: specifies the ca that can issue certificates for this site; • srv: identifies a server using a service, commonly used in microsoft's directory management. . Different record types, such as srv and caa records, have different requirements for host record names and record value formats. for detailed descriptions and format examples of each record type, please refer to: introduction to dns record types.
Content	Yes	String	DNS record content. fill in the corresponding content according to the type value. if the domain name is in chinese, korean, or japanese, it needs to be converted to punycode before input.
Location	No	String	DNS record resolution route. if not specified, the default is default, which means the default resolution route and is effective in all regions. - resolution route configuration is only applicable when type (dns record type) is a, aaaa, or cname. - resolution route configuration is only applicable to standard version and enterprise edition packages. for valid values, please refer to: resolution routes and corresponding code enumeration.
TTL	No	Integer	Cache time. users can specify a value range of 60-86400. the smaller the value, the faster the modification records will take effect in all regions. default value: 300. unit: seconds.
Weight	No	Integer	DNS record weight. users can specify a value range of -1 to 100. a value of 0 means no resolution. if not specified, the default is -1, which means no weight is set. weight configuration is only applicable when type (dns record type) is a, aaaa, or cname. note: for the same subdomain, different dns records with the same resolution route should either all have weights set or none have weights set.
Priority	No	Integer	MX record priority, which takes effect only when type (dns record type) is mx. the smaller the value, the higher the priority. users can specify a value range of 0–50. the default value is 0 if not specified.

3. Output Parameters

Parameter Name	Type	Description
RecordId	String	DNS record id.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 This API Is Used To Create a DNS Record

Create a DNS record with the record name www.example.com, record type A, record content 1.2.3.4, and cache time 60 seconds under the site with ZoneId zone-225qgrnvbi9w.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDnsRecord
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"Name": "www.example.com",
"Type": "A",
"Content": "1.2.3.4",
"TTL": 60
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"RecordId": "record-225rcy8bw85g"
}
}
```

Example2 Creating a DNS Record With Assigned Weights

Create a DNS record with the record name www.example.com, record type A, record content 1.2.3.4, cache time 60 seconds, and record weight 100 under the site with ZoneId zone-225qgrnvbi9w.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDnsRecord
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"Name": "www.example.com",
"Type": "A",
"Content": "1.2.3.4",
"TTL": 60,
"Weight": 100
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"RecordId": "record-225rcy8bw85g"
}
}
```

Example3 Creating a DNS Record With Assigned Resolution Routes

Create a DNS record with the record name www.example.com, record type A, resolution route Beijing (CN.BJ), record content 1.2.3.4, and cache time 60 seconds under the site with ZoneId zone-225qgrnvbi9w.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDnsRecord
<Common request parameters>

{
```

```
"ZoneId": "zone-225qgrnvbi9w",
"Name": "www.example.com",
"Type": "A",
"Location": "CN.BJ",
"Content": "1.2.3.4",
"TTL": 60
}
```


Output Example


```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"RecordId": "record-225rcy8bw85g"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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DescribeDnsRecords

Last updated：2025-02-19 19:33:27

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to view DNS record information under a site, including DNS record name, record type, and record content. It supports querying specific DNS record information by specifying filter conditions.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDnsRecords.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
Offset	No	Integer	Offset of paginated query. default value: 0.
Limit	No	Integer	Number limit of paginated query. default value: 20. maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter conditions. up to 20 values for each filter. detailed filter conditions are as follows: • id: filter by dns record id, supports fuzzy search;

			• name: filter by dns record name, supports fuzzy search; • content: filter by dns record content, supports fuzzy search; • type: filter by dns record type, does not support fuzzy search. valid values: a: points the domain name to an external ipv4 address, such as 8.8.8.8; aaaa: points the domain name to an external ipv6 address; cname: points the domain name to another domain name, which then resolves to the final ip address; txt: identifies and describes the domain name, commonly used for domain verification and spf records (anti-spam); ns: if you need to delegate the subdomain to another dns service provider, you need to add an ns record. root domain cannot add ns records; caa: specifies the ca that can issue certificates for this site; srv: identifies a server using a specific service, commonly used in microsoft's directory management; mx: specifies the recipient's mail server. • ttl: filter by resolution effective time, does not support fuzzy search. .
SortBy	No	String	Sorting basis. values include: • `content` : dns record content • `created-on` : dns record creation time • `name` : dns record name • `ttl` : cache time • `type` : dns record type default sorting is by the combination of `type` , `name` .
SortOrder	No	String	List sort method. values: • `asc` : ascending order • `desc` : sort in descending order default value: `asc` .
Match	No	String	Match method. values: • `all` : return records that match all query conditions • `any` : return records that match any query condition default value: `all` .

3. Output Parameters

Parameter	Type	Description

Name		
TotalCount	Integer	Total number of dns records.
DnsRecords	Array of DnsRecord	List of dns records.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query the DNS Record List With Specified Record IDs

At the site with ZoneId zone-2zo8myp3av8i, query the DNS record list with record ID record-3277epj0rm2y and sort by creation time in descending order.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDnsRecords
<Common request parameters>

{
"ZoneId": "zone-2zo8myp3av8i",
"Offset": 0,
"Limit": 100,
"Filters": [
{
"Fuzzy": false,
"Values": [
"record-3277epj0rm2y"
],
"Name": "id"
}
],
"SortBy": "created-on",
"SortOrder": "desc"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03",
"DnsRecords": [
{
"ZoneId": "zone-2zo8myp3av8i",
"RecordId": "record-3277epj0rm2y",
"Name": "test.example.com",
"Type": "A",
"Location": "Default",
"Content": "1.1.1.1",
"TTL": 300,
"Weight": -1,
"Priority": 5,
"Status": "enable",
"CreatedOn": "2024-09-18T05:03:46Z",
"ModifiedOn": "2024-09-18T05:03:46Z"
}
]
}
}
```


Example2 Fuzzy Query the DNS Record List With Specified Record Names

This example shows you how to perform a fuzzy query for DNS record lists with the record name "example" under the site with ZoneId zone-2zo8myp3av8i, and sort them in ascending order by record name.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDnsRecords
<Common request parameters>

{
"ZoneId": "zone-2zo8myp3av8i",
"Offset": 0,
"Limit": 100,
"Filters": [
{
"Fuzzy": true,
"Values": [
"example"
```

```
],
"Name": "name"
}
],
"SortBy": "name",
"SortOrder": "asc"
}
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03",
"DnsRecords": [
{
"ZoneId": "zone-2zo8myp3av8i",
"RecordId": "record-3277epj0rm2y",
"Name": "test.example.com",
"Type": "A",
"Location": "Default",
"Content": "1.1.1.1",
"TTL": 300,
"Weight": 40,
"Priority": 5,
"Status": "enable",
"CreatedOn": "2024-09-18T05:03:46Z",
"ModifiedOn": "2024-09-18T05:03:46Z"
},
{
"ZoneId": "zone-2zo8myp3av8i",
"RecordId": "record-3277epj0rm2y",
"Name": "test.example.com",
"Type": "A",
"Location": "Default",
"Content": "2.2.2.2",
"TTL": 300,
"Weight": 60,
"Priority": 5,
"Status": "enable",
"CreatedOn": "2024-09-18T05:03:46Z",
"ModifiedOn": "2024-09-18T05:03:46Z"
}
]
}
}
```

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Example3 Query the DNS Record List With Specified Record Types

This example shows you how to query DNS record lists with the record type CNAME under the site with ZoneId zone-2zo8myp3av8i, and sort them in ascending order by record content.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDnsRecords
<Common request parameters>

{
"ZoneId": "zone-2zo8myp3av8i",
"Offset": 0,
"Limit": 100,
"Filters": [
{
"Fuzzy": false,
"Values": [
"CNAME"
],
"Name": "type"
}
],
"SortBy": "content",
"SortOrder": "asc"
}
```

Output Example

```
{
"Response": {
"TotalCount": 2,
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03",
"DnsRecords": [
{
"ZoneId": "zone-2zo8myp3av8i",
"RecordId": "record-3277epj0rm2y",
"Name": "test.example.com",
"Type": "CNAME",
"Location": "CN.BJ",
"Content": "test1.eo.dnse2.com",
"TTL": 300,
```

```
"Weight": -1,
"Priority": 0,
"Status": "enable",
"CreatedOn": "2024-09-18T05:03:46Z",
"ModifiedOn": "2024-09-18T05:03:46Z"
},
{
"ZoneId": "zone-2zo8myp3av8i",
"RecordId": "record-3277epj0rm2y",
"Name": "test.example.com",
"Type": "CNAME",
"Location": "CN.FJ",
"Content": "test2.eo.dnse2.com",
"TTL": 300,
"Weight": -1,
"Priority": 0,
"Status": "enable",
"CreatedOn": "2024-09-18T05:03:46Z",
"ModifiedOn": "2024-09-18T05:03:46Z"
}
]
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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ModifyDnsRecords

Last updated：2025-02-19 19:33:26

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to bulk modify DNS records.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyDnsRecords.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
DnsRecords.N	No	Array of DnsRecord	DNS record modification data list, up to 100 entries can be modified at a time.

3. Output Parameters

Parameter	Type	Description

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch Modify DNS Records With Specified Record IDs

At the site with ZoneId zone-225qgrnvbi9w, change the record name of the DNS record with record ID record-3d5dg39c to eo-test1.com, the record type to CNAME, and the record content to eo-test1.c4games.com.eo.dnse2.com; change the record name of the DNS record with record ID record-gkd9gyrv to eo-test2.com, the record type to A, and the record content to 1.2.3.4.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDnsRecords
<Common request parameters>

{
"DnsRecords": [
{
"RecordId": "record-3d5dg39c",
"Name": "eo-test1.com",
"Type": "CNAME",
"Content": "eo-test1.c4games.com.eo.dnse2.com"
},
{
"RecordId": "record-gkd9gyrv",
"Name": "eo-test2.com",
"Type": "A",
"Content": "1.2.3.4"
}
],
"ZoneId": "zone-20hzkd4rdmy0"
}
```

Output Example

```
{
"Response": {
"RequestId": "d08bed0d-15bf-4d65-ab56-906aee0c845"
}
}
```

Example2 Batch Modify the Record Weight Of DNS Records With Specified Record IDs

At the site with ZoneId zone-225qgrnvbi9w, change the record weight of the DNS record with record ID record-3d5dg39c to 40; change the record weight of the DNS record with record ID record-gkd9gyrv to 60.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDnsRecords
<Common request parameters>

{
"DnsRecords": [
{
"RecordId": "record-3d5dg39c",
"Weight": 40
},
{
"RecordId": "record-gkd9gyrv",
"Weight": 60
}
],
"ZoneId": "zone-20hzkd4rdmy0"
}
```

Output Example

```
{
"Response": {
"RequestId": "d08bed0d-15bf-4d65-ab56-906aee0c845"
}
}
```

Example3 Batch Modify the Resolution Route and Record Content Of DNS Records With Specified Record IDs

At the site with ZoneId zone-225qgrnvbi9w, change the resolution route of the DNS record with record ID record-3d5dg39c to Beijing (CN.BJ) and the record content to eo-test1.c4games.com.eo.dnse2.com; change the resolution route of the DNS record with record ID record-gkd9gyrv to Fujian (CN.FJ) and the record content to eo-test2.c4games.com.eo.dnse2.com.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDnsRecords
<Common request parameters>

{
"DnsRecords": [
{
"RecordId": "record-3d5dg39c",
"Location": "CN.BJ",
"Content": "eo-test1.c4games.com.eo.dnse2.com"
},
{
"RecordId": "record-gkd9gyrv",
"Location": "CN.FJ",
"Content": "eo-test2.c4games.com.eo.dnse2.com"
}
],
"ZoneId": "zone-20hzkd4rdmy0"
}
```

Output Example

```
{
"Response": {
"RequestId": "d08bed0d-15bf-4d65-ab56-906aee0c845"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

ModifyDnsRecordsStatus

Last updated：2025-02-19 19:33:25

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

You can batch modify the status of DNS records through this API, enabling and disabling records in bulk.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyDnsRecordsStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
RecordsToEnable.N	No	Array of String	List of dns record ids to be enabled, upper limit: 200. note: the same dns record id cannot exist in both recordstoenable and recordstodisable.
RecordsToDisable.N	No	Array of String	List of dns record ids to be disabled, upper limit: 200. note: the same dns record id cannot exist in both recordstoenable and recordstodisable.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch Modify Dns Record Status

Modify the status of DNS records with record IDs record-25ryzh92h8qh and record-dldu75sgz4r1 to enable, and modify the status of DNS records with record IDs record-gkd9gyrvk8d7 and record-lgubhs6rf9s3 to disable under the site with ZoneId zone-25ryyvog1qih.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDnsRecordsStatus
<Common request parameters>

{
"RecordsToEnable": [
"record-25ryzh92h8qh",
"record-dldu75sgz4r1"
],
"RecordsToDisable": [
"record-gkd9gyrvk8d7",
"record-lgubhs6rf9s3"
],
"ZoneId": "zone-25ryyvog1qih"
}
```

Output Example

```
{
"Response": {
"RequestId": "952c708d-abaf-464c-84cf-d1447887cf65"
```

```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

DeleteDnsRecords

Last updated：2025-02-19 19:33:28

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

You can use this API to batch delete DNS records.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteDnsRecords.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone id.
RecordIds.N	Yes	Array of String	List of dns record ids to be deleted, upper limit: 1000.

3. Output Parameters

Parameter	Type	Description

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Delete DNS Records

Delete DNS records with record IDs record-25ryzh92h8qh and record-3suf7slrsobi under the site with ZoneId zone-25ryyvog1qih.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteDnsRecords
<Common request parameters>

{
"RecordIds": [
"record-25ryzh92h8qh",
"record-3suf7slrsobi"
],
"ZoneId": "zone-25ryyvog1qih"
}
```

Output Example

```
{
"Response": {
"RequestId": "6ef60bec-0242-43af-bb20-270359fb54a7"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Content Identifier APIs
CreateContentIdentifier

Last updated：2025-02-19 19:34:37

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create content identifiers, where you can set descriptions, tags, and other information. It is also necessary to bind an enterprise edition package for billing data statistics. A content identifier can only bind one billing package, while a billing package can bind multiple content identifiers. This feature is only available to the allowlist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateContentIdentifier.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Description	Yes	String	Description of the content identifier, length limit of up to 20 characters.
PlanId	Yes	String	Target plan id to be bound, available only for the enterprise edition. • if there is already a plan under your account, go to plan management to get the plan id and directly bind the content identifier to the plan; • if you do not have a plan to bind, please purchase an enterprise edition plan first.

			.
Tags.N	No	Array of Tag	Tags of the content identifier. this parameter is used for authority control. to create tags, go to the tag console.

3. Output Parameters

Parameter Name	Type	Description
ContentId	String	Generated content identifier id. after creation, you can go to the rule engine to "set the content identifier" under certain match conditions.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Create Content Identifiers

Create content identifiers and bind tags.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateContentIdentifier
<Common request parameters>

{
"Tags": [
{
"TagKey": "test",
"TagValue": "abc"
}
],
"PlanId": "edgeone-37q0w7qali10",
"Description": "content-test"
}
```

Output Example

```
{
"Response": {
"ContentId": "eocontent-27q0p1bali16",
"RequestId": "3c140219-cff9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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DescribeContentIdentifiers

Last updated：2025-02-19 19:34:35

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

Batch query content identifiers, which can be filtered by ID, description, status, or Tag. Deleted content identifiers queried by status are retained for only three months. This feature is only open to the allowlist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeContentIdentifiers.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Offset	No	Integer	The offset of paginated query. default value: 0.
Limit	No	Integer	Limit on paginated queries. default value: `20` . maximum value: `100` .
Filters.N	No	Array of AdvancedFilter	Filter conditions. the upper limit for filters is 20, and the upper limit for filters.values is 20. if this parameter is not filled in, the content identifiers with permissions under the current appid are returned by default. detailed filtering conditions are as follows:

			• description: filter by content identifier description in batches; for example: test; • content-id: filter by content identifier id in batches; for example: eocontent-2noz78a8ev6k; • tag-key: filter by Tag key; • tag-value: filter by Tag value; • status: filter by content identifier status. valid values: active: active; deleted: deleted. only description supports fuzzy query, other fields require precise query.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of content identifiers that meet the filter conditions.
ContentIdentifiers	Array of ContentIdentifier	Detailed content identifier list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Content Identifier Information

This example shows you how to query content identifiers by specifying an ID.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeContentIdentifiers
<Common request parameters>

{
"Filters": [
{
```

```
"Name": "content-id",
"Values": [
"eocontent-27q0p0sali16"
],
"Fuzzy": false
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"RequestId": "3c140219-cfe9-470e-b341-907877d6fb03",
"ContentIdentifiers": [
{
"ContentId": "eocontent-27q0p0sali16",
"Description": "content-test",
"PlanId": "edgeone-2ycvs8ml4zpq",
"ReferenceCount": 10,
"Tags": [
{
"TagKey": "test",
"TagValue": "ct"
}
],
"CreatedOn": "2023-10-05T15:30:45Z",
"ModifiedOn": "2023-10-05T15:30:45Z",
"DeletedOn": null,
"Status": "active"
}
]
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

ModifyContentIdentifier

Last updated：2025-02-19 19:34:34

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

Modify content identifier, only description modification is supported. This feature is only open to the allowlist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyContentIdentifier.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ContentId	Yes	String	Content identifier id.
Description	Yes	String	Content identifier description. length limit: 20 characters.

3. Output Parameters

Parameter Name	Type	Description

RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modify the Content Identifier Description

Modify the description of the content identifier eocontent-27q0p0bbli16 to content-new.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyContentIdentifier
<Common request parameters>

{
"ContentId": "eocontent-27q0p0bbli16",
"Description": "content-new"
}
```

Output Example

```
{
"Response": {
"RequestId": "3b140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

DeleteContentIdentifier

Last updated：2025-02-19 19:34:36

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

Delete the specified content identifier. This feature is only available to the allowlist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteContentIdentifier.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ContentId	Yes	String	Content identifier id.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

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		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Delete Content Identifiers

Delete content identifier eocontent-27q0p0bali26.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteContentIdentifier
<Common request parameters>

{
"ContentId": "eocontent-27q0p0bali26"
}
```

Output Example

```
{
"Response": {
"RequestId": "3a140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Old Version APIs
CreateRule

Last updated：2025-02-19 19:33:01

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an older version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to CreateL7AccRules.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
RuleName	Yes	String	The rule name (1 to 255 characters)
Status	Yes	String	Rule status. Values: • `enable` : Enabled • `disable` : Disabled

Rules.N	Yes	Array of Rule	The rule content.
Tags.N	No	Array of String	Tag of the rule.

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 CreateRule

This example shows you how to create a rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"Status": "disable",
"Rules": [
{
"Actions": [
{
"NormalAction": {
"Action": "RangeOriginPull",
"Parameters": [
{
"Name": "Switch",
"Values": [
"on"
```

```
]
}
]
}
},
{
"CodeAction": {
"Action": "StatusCodeCache",
"Parameters": [
{
"Name": "CacheTime",
"StatusCode": 400,
"Values": [
"20"
]
}
]
}
},
{
"RewriteAction": {
"Action": "ResponseHeader",
"Parameters": [
{
"Action": "set",
"Name": "Foo",
"Values": [
"Bar"
]
},
{
"Action": "add",
"Name": "Hello",
"Values": [
"World"
]
},
{
"Action": "del",
"Name": "Foo2",
"Values": []
}
]
}
}
],
"Conditions": [
```

```
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"Values": [
"test.vernayang.com"
]
}
]
}
]
}
],
"RuleName": "new_rule01",
"ZoneId": "zone-qbjifysd"
}
```

Output Example

```
{
"Response": {
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4",
"RuleId": "rule-djuqmq"
}
}
```

Example2 Changing the origin server type to IP domain name

This example shows you how to change the origin server type to IP domain name using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
```

```
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"IP_DOMAIN"
]
},
{
"Name": "DomainName",
"Values": [
"1.1.1.1"
]
},
{
"Name": "OriginProtocol",
"Values": [
"follow"
]
},
{
"Name": "HttpOriginPort",
"Values": [
```

```
"80"
]
},
{
"Name": "HttpsOriginPort",
"Values": [
"443"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuqsx",
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4"
}
}
```

Example3 Changing the origin server type to origin server group

This example shows you how to change the origin server type to origin server group using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
```

```
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"OriginGroup"
]
},
{
"Name": "OriginGroupId",
"Values": [
"origin-ff7e677b-2c4d-11ee-9687-525400521111"
]
},
{
"Name": "OriginProtocol",
"Values": [
"follow"
]
},
{
"Name": "HttpOriginPort",
"Values": [
```

```
"80"
]
},
{
"Name": "HttpsOriginPort",
"Values": [
"443"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq9s",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404sdsd"
}
}
```

Example4 Changing the origin server type to load balancing

This example shows you how to change the origin server type to load balancing using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
```

```
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"LoadBalance"
]
},
{
"Name": "OriginGroupId",
"Values": [
"lb-ff7e677b-2c4d-11ee-9687"
]
},
{
"Name": "OriginProtocol",
"Values": [
"follow"
]
},
{
"Name": "HttpOriginPort",
"Values": [
```

```
"80"
]
},
{
"Name": "HttpsOriginPort",
"Values": [
"443"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq91",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404xs"
}
}
```

Example5 Changing the origin server type to S3-compatible object storage

This example shows you how to change the origin server type to S3-compatible object storage using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
```

```
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"AWS_S3"
]
},
{
"Name": "ServerName",
"Values": [
"bucke_name.gcp.storage.com"
]
},
{
"Name": "PrivateAccess",
"Values": [
"on"
]
},
{
"Name": "AccessKeyId",
"Values": [
```

```
"xxxx******xxxx"
]
},
{
"Name": "SecretAccessKey",
"Values": [
"xxxx******xxxx"
]
},
{
"Name": "SignatureVersion",
"Values": [
"v4"
]
},
{
"Name": "Region",
"Values": [
"ap-guangzhou"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq23",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404sxsd"
}
}
```

Example6 Changing the origin server type to COS

This example shows you how to change the origin server type to COS using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"COS"
]
},
{
```

```
"Name": "ServerName",
"Values": [
"bucke_name.gcp.storage.com"
]
},
{
"Name": "CosPrivateAccess",
"Values": [
"on"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq21",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404hs"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.SystemError	Internal system error.
InvalidParameter.AccessRedirectRegexError	The regex is not in the standard RE2 format.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.ErrActionUnsupportTarget	The current conditions do not support

	the requested operation.
InvalidParameter.ErrInvalidAction	Invalid operation.
InvalidParameter.ErrInvalidActionOriginPrivateAddress	Invalid rule engine operation. The origin server IP cannot be a private network IP or loopback address.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamAction	Invalid parameter "action".
InvalidParameter.ErrInvalidActionParamBadValueType	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid parameter: Duplicate parameter names.
InvalidParameter.ErrInvalidActionParamName	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action type.
InvalidParameter.ErrInvalidCondition	Invalid

	conditions.
InvalidParameter.ErrInvalidConditionCannotOnlyContainHostWhenModifyOriginActionConfigured	The operations of modifying the origin server cannot be onl to configure host matching type.
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid condition: The letter case is ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid condition: Invalid parameter name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid condition: The match type is not supported by this parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid condition: Invalid regula expression fo the parameter value.
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid parameter value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid

	parameter value: File extension is not allowed.
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyRegular	The condition has too many regular expressions.
InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid condition: Too many wildcards in the parameter
InvalidParameter.ErrInvalidConditionValueZeroLength	Invalid condition: The parameter value is 0.
InvalidParameter.ErrNilCondition	Empty condition.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.HostNotFound	The domain name does not exist.

InvalidParameter.InvalidAuthentication	Invalid token authenticatior
InvalidParameter.InvalidAuthenticationTypeExpireTime	Invalid token authenticatior expiration time.
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authenticatior parameter.
InvalidParameter.InvalidAwsRegion	Invalid region Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidBackupServerName	Invalid secondary origin domain
InvalidParameter.InvalidCacheConfigCache	Invalid node cache.
InvalidParameter.InvalidCacheKey	Invalid cache key.
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query string.
InvalidParameter.InvalidCacheTime	Invalid node cache validity
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package does not support Smar Acceleration.

InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custon error page.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid request header x-forwarded-for
InvalidParameter.InvalidRequestHeaderValue	Invalid request header.
InvalidParameter.InvalidResponseHeaderName	Invalid response header.

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InvalidParameter.InvalidResponseHeaderValue	Invalid response header.
InvalidParameter.InvalidRuleEngineAction	Invalid rule engine operation.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file extension in the rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL ir the rule engine condition.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiratior time is exceeded.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull request configuration error: Invalid query string.
InvalidParameter.InvalidUrlRedirect	Invalid URL rewrite.
InvalidParameter.InvalidUrlRedirectHost	Invalid target host in the URL rewriting rule.
InvalidParameter.InvalidUrlRedirectUrl	The target URL for URL

	rewrite is invalid.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache key.
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Load Balance instance ID is required in the operation of modifying the origin server.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.OriginOriginGroupIdIsRequired	The origin group ID is required.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.TaskSystemError	Internal error.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.

InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.
InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing domain feature under the current site conflicts with the Chinese mainland network optimization, and cannot be configured at the same time
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.

OperationDenied.InvalidAdvancedDefenseSecurityType	The security service must be enabled when you enable the DDoS Protection.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

DescribeRules

Last updated：2025-02-19 19:32:55

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an older version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to DescribeL7AccRules.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
Filters.N	No	Array of Filter	Filter criteria. the maximum value of filters.values is 20. the detailed filter criteria are as follows: . • Rule-Id: filter by rule id. .

3. Output Parameters

Parameter Name	Type	Description
ZoneId	String	ID of the site
RuleItems	Array of RuleItem	List of rules. Rules are sorted in order of execution.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 DescribeRules

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRules
<Common request parameters>

{
"ZoneId": "zone-kwsqufps"
}
```

Output Example

```
{
"Response": {
"RequestId": "5f24d792-050d-439f-a864-353fd7b67e9f",
"RuleItems": [
{
"RuleId": "rule-2picazk4qsq9",
"RuleName": "Unnamed rule",
"RulePriority": 1,
"Rules": [
{
"Actions": [
```

```
{
"CodeAction": null,
"NormalAction": {
"Action": "Cache",
"Parameters": [
{
"Name": "Type",
"Values": [
"Cache"
]
},
{
"Name": "Switch",
"Values": [
"on"
]
},
{
"Name": "IgnoreCacheControl",
"Values": [
"off"
]
},
{
"Name": "CacheTime",
"Values": [
"100"
]
}
]
},
"RewriteAction": null
}
],
"Conditions": [
{
"Conditions": [
{
"IgnoreCase": false,
"IgnoreNameCase": false,
"Operator": "equal",
"Target": "host",
"Name": "",
"Values": [
"corki.chris-v.com"
]
}
```

```
]
}
],
"SubRules": []
}
],
"Status": "enable",
"Tags": []
}
],
"ZoneId": "zone-2p7d5y3b8l8k"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.

UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyRule

Last updated：2025-02-19 19:32:48

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an older version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to ModifyL7AccRule.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
RuleName	Yes	String	The rule name. It is a string that can contain 1–255 characters.
Rules.N	Yes	Array of Rule	The rule content.
RuleId	Yes	String	The rule ID.
Status	Yes	String	Rule status. Values: • `enable` : Enabled

			• `disable` : Disabled
Tags.N	No	Array of String	Tag of the rule.

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 ModifyRule

The following example shows common modifications.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRule
<Common request parameters>

{
"Status": "disable",
"Rules": [
{
"Actions": [
{
"NormalAction": {
"Action": "RangeOriginPull",
"Parameters": [
{
"Name": "Switch",
"Values": [
"on"
```

```
]
}
]
}
},
{
"CodeAction": {
"Action": "StatusCodeCache",
"Parameters": [
{
"Name": "CacheTime",
"StatusCode": 200,
"Values": [
"20"
]
}
]
}
},
{
"RewriteAction": {
"Action": "ResponseHeader",
"Parameters": [
{
"Action": "set",
"Name": "Foo",
"Values": [
"Bar"
]
},
{
"Action": "add",
"Name": "Hello",
"Values": [
"World"
]
},
{
"Action": "del",
"Name": "Foo2",
"Values": []
}
]
}
}
],
"Conditions": [
```

```
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"Values": [
"www.shawndai.cn"
]
}
]
}
]
}
],
"RuleName": "new_rule02",
"ZoneId": "zone-26r78x31ny86",
"RuleId": "rule-djuqmq"
}
```


Output Example


```
{
"Response": {
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4",
"RuleId": "rule-djuqmq"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.SystemError	Internal system error.
InvalidParameter.CacheKeyQueryStringTooManyValue	The query string has too many values.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.CompressionInvalidAlgorithms	Invalid compression algorithm.
InvalidParameter.ErrActionUnsupportTarget	The current conditions do not support the requested operation.
InvalidParameter.ErrInvalidAction	Invalid operation.
InvalidParameter.ErrInvalidActionDuplicateAction	Invalid operation: Duplicate operation configuration.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamAction	Invalid parameter "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid parameter: Duplicate parameter names.

InvalidParameter.ErrInvalidActionParamName	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamTooManyValues	Invalid parameter: The parameter has too many values.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action type.
InvalidParameter.ErrInvalidConditionHostTooManyWhenModifyOriginActionConfigured	You can only configure one host matching type when modifying the origin.
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid condition: The letter case is ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid condition: Invalid parameter name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid condition: The match type is not supported by this parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid condition: Invalid regular expression for the parameter value.
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid parameter value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid parameter value: File extension is not allowed.
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid condition: The parameter value exceeds the limit.

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InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid condition: Too many wildcards in the parameter.
InvalidParameter.ErrInvalidElseWhenModifyOriginActionConfigured	ELSE is not supported for origin server modification.
InvalidParameter.ErrNilCondition	Empty condition.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.HostNotFound	The domain name does not exist.
InvalidParameter.InvalidAuthenticationTypeSecretKey	Invalid key for token authentication.
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authentication parameter.
InvalidParameter.InvalidAuthenticationTypeTimeFormat	Invalid authentication token format.
InvalidParameter.InvalidAuthenticationTypeTimeParam	Invalid authentication token parameter.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidBackupServerName	Invalid secondary origin domain.
InvalidParameter.InvalidCacheKey	Invalid cache key.
InvalidParameter.InvalidCacheKeyCookie	Invalid cache key

	cookie.
InvalidParameter.InvalidCacheKeyIgnoreCase	Cases are ignored in the cache key.
InvalidParameter.InvalidCacheKeyScheme	Invalid cache key scheme.
InvalidParameter.InvalidCacheTime	Invalid node cache validity.
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidCosDomain	Invalid origin-pull configuration. When `OriginType` is `COS` or `AWS_S3`, the origin address must be an object storage domain name.
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custom error page.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid request

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	header x-forwarded-for.
InvalidParameter.InvalidRequestHeaderValue	Invalid request header.
InvalidParameter.InvalidResponseHeaderName	Invalid response header.
InvalidParameter.InvalidResponseHeaderValue	Invalid response header.
InvalidParameter.InvalidRuleEngineAction	Invalid rule engine operation.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file extension in the rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL in the rule engine condition.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull request configuration error: Invalid query string.
InvalidParameter.InvalidUrlRedirectHost	Invalid target host in the URL rewriting rule.
InvalidParameter.InvalidUrlRedirectUrl	The target URL for URL rewrite is invalid.
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache key.
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Load Balancer instance ID is required in the operation of

	modifying the origin server.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.OriginOriginGroupIdIsRequired	The origin group ID is required.
InvalidParameter.OriginPullProtocolIsRequired	The return protocol is required in the operation of modifying the origin server.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.ResponseHeaderCacheControlNotAllowDelete	Invalid response header.
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status code in cache.
InvalidParameter.TlsVersionNotInSequence	TLS version is not continuous for HTTPS.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.

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InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.TrialPlanResponsePage	Referencing is not allowed on the custom page of the trial plan.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.InvalidAdvancedDefenseSecurityType	The security service must be enabled when you enable the DDoS Protection.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteRules

Last updated：2025-02-19 19:32:58

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an older version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to DeleteL7AccRules.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
RuleIds.N	Yes	Array of String	IDs of the rules to be deleted.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch deleting rules from the rule engine

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteIdlFiles
<Common request parameters>

{
"RuleIds": [
"rule-66tjz30m",
"rule-bx3zke8q"
],
"ZoneId": "zone-26r78x31ny86"
}
```

Output Example

```
{
"Response": {
"RequestId": "ace05891-744c-40f8-94de-4e1c08d954c2"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.SystemError	Internal system error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.ZoneNotFound	The site does not exist.

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OperationDenied	Operation denied.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeZoneSetting

Last updated：2025-02-19 19:32:52

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an old version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to DescribeL7AccSetting.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeZoneSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.

3. Output Parameters

Parameter Name	Type	Description

ZoneSetting	ZoneSetting	The site configuration. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Site Configuration

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee"
}
```

Output Example

```
{
"Response": {
"RequestId": "88215c08-67de-4c7d-974e-a14461816f5b",
"ZoneSetting": {
"AccelerateMainland": {
"Switch": "off"
},
"Area": "global",
"CacheConfig": {
"Cache": {
"CacheTime": 2592000,
"Switch": "off"
},
"FollowOrigin": {
"DefaultCache": "on",
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0,
"Switch": "on"
},
```

```
"NoCache": {
"Switch": "off"
}
},
"CacheKey": {
"FullUrlCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Action": "includeCustom",
"Switch": "off",
"Value": []
}
},
"CachePrefresh": {
"Percent": 90,
"Switch": "off"
},
"ClientIpCountry": {
"HeaderName": "",
"Switch": "off"
},
"ClientIpHeader": {
"HeaderName": "",
"Switch": "off"
},
"Compression": {
"Algorithms": [
"brotli",
"gzip"
],
"Switch": "on"
},
"ForceRedirect": {
"RedirectStatusCode": 302,
"Switch": "off"
},
"Grpc": {
"Switch": "off"
},
"Https": {
"ApplyType": "none",
"CertInfo": [],
"CipherSuite": "loose-v2023",
"Hsts": {
"IncludeSubDomains": "off",
"MaxAge": 0,
"Preload": "off",
```

```
"Switch": "off"
},
"Http2": "on",
"OcspStapling": "off",
"TlsVersion": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
]
},
"ImageOptimize": {
"Switch": "off"
},
"Ipv6": {
"Switch": "off"
},
"MaxAge": {
"FollowOrigin": "on",
"MaxAgeTime": 600
},
"OfflineCache": {
"Switch": "on"
},
"Origin": {
"Origins": [
"30.12.34.23"
],
"BackupOrigins": [
"30.12.34.11"
],
"OriginPullProtocol": "follow",
"CosPrivateAccess": "off"
},
"PostMaxSize": {
"MaxSize": 524288000,
"Switch": "on"
},
"Quic": {
"Switch": "off"
},
"SmartRouting": {
"Switch": "off"
},
"StandardDebug": {
"AllowClientIPList": [],
"ExpireTime": "1969-12-31T16:00:00Z",
```

```
"Switch": "off"
},
"UpstreamHttp2": {
"Switch": "off"
},
"WebSocket": {
"Switch": "off",
"Timeout": 30
},
"JITVideoProcess": {
"Switch": "off"
},
"ZoneName": "wxlagame.com"
}
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InvalidParameter.SettingInvalidParam	Configuration parameter error.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyZoneSetting

Last updated：2025-02-19 19:32:47

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an older version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to ModifyL7AccSetting.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyZoneSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID to modify.
CacheConfig	No	CacheConfig	Cache expiration time configuration The original configuration will apply if this field is not specified.
CacheKey	No	CacheKey	The node cache key configuration. The original configuration will apply if this field is not specified.

MaxAge	No	MaxAge	The browser cache configuration. The original configuration will apply if this field is not specified.
OfflineCache	No	OfflineCache	The offline cache configuration. The original configuration will apply if this field is not specified.
Quic	No	Quic	QUIC access configuration. The original configuration will apply if it is not specified.
PostMaxSize	No	PostMaxSize	POST transport configuration. The original configuration will apply if it is not specified.
Compression	No	Compression	The smart compression configuration. The original configuration will apply if this field is not specified.
UpstreamHttp2	No	UpstreamHttp2	HTTP2 origin-pull configuration. The original configuration will apply if it is not specified.
ForceRedirect	No	ForceRedirect	Force HTTPS redirect configuration. The original configuration will apply if it is not specified.
Https	No	Https	HTTPS acceleration configuration. The original configuration will apply if it is not specified.
Origin	No	Origin	The origin server configuration. The original configuration will apply if this field is not specified.
SmartRouting	No	SmartRouting	The smart acceleration configuration. The original configuration will apply if this field is not specified.
WebSocket	No	WebSocket	WebSocket configuration. The original configuration will apply if it is not specified.
ClientIpHeader	No	ClientIpHeader	Origin-pull client IP header configuration. The original configuration will apply if it is not specified.
CachePrefresh	No	CachePrefresh	The cache prefresh configuration. The original configuration will apply if this field is not specified.
Ipv6	No	Ipv6	Ipv6 access configuration. The original configuration will apply if it is not specified.

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ClientIpCountry	No	ClientIpCountry	Whether to carry the location information of the client IP during origin-pull. The original configuration will apply if it is not specified.
Grpc	No	Grpc	Configuration of gRPC support. The original configuration will apply if it is not specified.
ImageOptimize	No	ImageOptimize	Image optimization. It is disabled if this parameter is not specified.
StandardDebug	No	StandardDebug	Standard debugging configuration.
JITVideoProcess	No	JITVideoProcess	Just-in-time media processing configuration. The original configuration applies if this field is not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the IPv6 access configuration of a site

This example shows you how to modify the IPv6 access configuration of a site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"Ipv6": {
"Switch": "on"
```

```
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Modifying the QUIC access configuration of a site

This example shows you how to modify the QUIC access configuration of a site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"Quic": {
"Switch": "on"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example3 Modifying the cache expiration time of a site

This example shows you how to modify the cache expiration time of a site.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"CacheConfig": {
"NoCache": {
"Switch": "on"
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateNotFound	The edge HTTPS certificate does not exist.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InternalError.UnknowError	Unknown error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CacheKeyQueryStringRequiresFullUrlCacheOff	Invalid query string.
InvalidParameter.CacheKeyQueryStringTooManyValue	The query string has too many values.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.ClientIpCountryConflictsWithIpv6	IPv6 access conflicts with client IP geographical location.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-party object storage.
InvalidParameter.InvalidCacheConfigFollowOrigin	Invalid node cache. The origin behavior is followed.
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query string.
InvalidParameter.InvalidCacheOnlyOnSwitch	Invalid node cache.
InvalidParameter.InvalidCacheTime	Invalid node cache validity.
InvalidParameter.InvalidClientIpCountryHeaderName	Invalid client IP location configuration. HeaderName consists of 1-100

	alphanumeric characters and cannot start or end with hyphens (-).
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package does not support Smart Acceleration.
InvalidParameter.InvalidForceRedirectType	Invalid forced HTTPS direction settings
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidHttpsCertInfo	Invalid edge HTTPS certificate configuration. The certificate content is invalid.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTPS TLS version.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginType	Incorrect origin server type.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidPostMaxSizeBilling	The speciThe plan does not support limiting the max upload size.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidResourceIdBilling	You have not purchased a plan yet.
InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidStandardDebugEmptyList	The AllowClientIPList parameter is

	mandatory. The IPv4 and IPv6 network segments are supported. 0.0.0.0/0 indicates that all IPv4 clients can be debugged, and ::/0 indicates that all IPv6 clients can be debugged.
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiration time is exceeded.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.MultiplyLayerNotSupportSmartRouting	Smart routing is not supported.
InvalidParameter.OCDirectOriginRequiresSmartRouting	The domain name is configured to forward requests to the origin directly. iSmart Acceleration must be enabled.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.SettingInvalidParam	Configuration parameter error.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameter.ZoneNotFound	The site does not exist.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.
InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.

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OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing domain feature under the current site conflicts with the Chinese mainland network optimization, and cannot be configured at the same time.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.SharedCNAMEUnsupportedAccelerateMainland	The domain name is bound with a shared CNAME and cannot be changed to "Cross-MLC-border acceleration". Please unbind the domain name from the shared CNAME first.
OperationDenied.SharedCNAMEUnsupportedIPv6	The domain name is bound with a shared CNAME and cannot be changed to "IPv6 access". Please unbind the domain name from the shared CNAME first.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.
ResourceNotFound.PostMaxSizeQuotaNotFound	Maximum upload size is not configured.
ResourceUnavailable.CertNotFound	The certificate does not exist or is not authorized.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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DescribeHostsSetting

Last updated：2025-02-19 19:32:56

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an old version. EdgeOne has fully upgraded the APIs related to the rule engine. You can obtain detailed configurations of domain names through DescribeL7AccSetting and DescribeL7AccRules.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeHostsSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Offset	No	Integer	Offset for paginated queries. Default value: 0. Minimum value: 0.
Limit	No	Integer	Limit on paginated queries. Default value: 100. Maximum value: 1000.
Filters.N	No	Array of Filter	Filter conditions. The maximum value for Filters.Values is 20. The detailed conditions are as follows: • host: Filter by domain name.

3. Output Parameters

Parameter Name	Type	Description
DetailHosts	Array of DetailHost	List of domain names.
TotalNumber	Integer	Number of domain names
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Detailed Configurations Of the Domain Name

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeHostsSetting
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali16"
}
```

Output Example

```
{
"Response": {
"DetailHosts": [
{
"Status": "online",
"Host": "test.example.com",
"ZoneId": "zone-27q0p0bali16",
"ZoneName": "example.com",
"Cname": "test.example.com.acc.edgeonedy1.com.",
"Id": "edge-ja6yyfjh",
"InstanceId": "edge-ja6yyfjh",
```

```
"Lock": 0,
"Mode": 0,
"Area": "mainland",
"AccelerateType": {
"Switch": "on"
},
"CacheConfig": {
"Cache": {
"Switch": "on",
"CacheTime": 0,
"IgnoreCacheControl": "off"
},
"NoCache": {
"Switch": "on"
},
"FollowOrigin": {
"Switch": "on",
"DefaultCacheTime": 0,
"DefaultCache": "on",
"DefaultCacheStrategy": "on"
}
},
"CacheKey": {
"FullUrlCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Action": "includeCustom",
"Switch": "off",
"Value": []
}
},
"Compression": {
"Algorithms": [
"brotli",
"gzip"
],
"Switch": "on"
},
"DDoS": {
"Switch": "on"
},
"ClientIpCountry": {
"HeaderName": "",
"Switch": "off"
},
"CC": {
"PolicyId": 1996,
```

```
"Switch": "on"
},
"Waf": {
"PolicyId": 1995,
"Switch": "on"
},
"Https": {
"CertInfo": [],
"Hsts": {
"IncludeSubDomains": "off",
"MaxAge": 1,
"Preload": "off",
"Switch": "on"
},
"Http2": "on",
"OcspStapling": "off",
"TlsVersion": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"ApplyType": "apply",
"CipherSuite": "loose-v2023"
},
"Ipv6": {
"Switch": "off"
},
"Origin": {
"BackupOrigins": [],
"CosPrivateAccess": "off",
"OriginPullProtocol": "follow",
"Origins": [
"1.1.1.1:80:100"
]
},
"SecurityType": {
"Switch": "on"
},
"SmartRouting": {
"Switch": "off"
}
}
],
"RequestId": "9cc50b24-7dc5-44f4-96ce-95825d53ff2f",
"TotalNumber": 1
```

```
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InvalidParameter	Parameter error.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

DescribeRulesSetting

Last updated：2025-02-19 19:32:54

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is an older version. EdgeOne has fully upgraded the APIs related to the rule engine. For details, please refer to RuleEngineAction.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeRulesSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.

3. Output Parameters

Parameter Name	Type	Description

Parameter Name	Type	Description
Actions	Array of RulesSettingAction	List of the settings of the rule engine that can be used for request match and their detailed recommended configuration information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 DescribeRulesSetting

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRulesSetting
<common request parameters>

{}
```

Output Example

```
{
"Response": {
"Actions": [
{
"Action": "StatusCodeCache",
"Properties": [
{
"Name": "CacheTime",
"Type": "CUSTOM_NUM",
"Min": 0,
"Max": 0,
"ChoicesValue": [],
"IsMultiple": false,
"IsAllowEmpty": false,
"ChoiceProperties": [],
"ExtraParameter": {
```

```
"Choices": [
"403",
"404",
"404",
"405",
"414",
"416",
"451",
"500",
"501",
"502",
"503",
"504"
],
"Id": "StatusCode",
"Type": "CHOICE"
}
}
]
}
],
"RequestId": "9cc50b24-7dc5-44f4-96ce-95825d53ff2f"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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CreateApplicationProxy

Last updated：2025-02-19 19:33:03

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version [CreateL4Proxy](https://www.tencentcloud.com/document/product/1552/103417?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateApplicationProxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
ProxyName	Yes	String	Domain name or subdomain name when `ProxyType=hostname`; Instance name when `ProxyType=instance`.
PlatType	Yes	String	The scheduling mode. Values:

			• `ip` : Schedule via Anycast IP. • `domain` : Schedule via CNAME.
SecurityType	Yes	Integer	Whether to enable security protection. Values: • `0` : Disable security protection. • `1` : Enable security protection.
AccelerateType	Yes	Integer	Whether to enable acceleration. Values: • `0` : Disable acceleration. • `1` : Enable acceleration.
ProxyType	No	String	Layer 4 proxy mode, with value: • instance: instance mode. If not specified, the default value instance will be used.
SessionPersistTime	No	Integer	The session persistence duration. Value range: 30-3600 (in seconds). If not specified, this field uses the default value 600.
Ipv6	No	Ipv6	Ipv6 access configuration. IPv6 access is disabled if it is not specified.
ApplicationProxyRules.N	No	Array of ApplicationProxyRule	The rule details. If this field is not specified, an application proxy rule will not be created.
AccelerateMainland	No	AccelerateMainland	Cross-MLC-border acceleration. It is disabled if this parameter is not specified.

3. Output Parameters

Parameter Name	Type	Description
ProxyId	String	The L4 application proxy ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an application proxy

This example shows you how to create an application proxy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateApplicationProxy
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ProxyName": "instancd-name",
"ProxyType": "instance",
"PlatType": "ip",
"SecurityType": 1,
"AccelerateType": 1,
"SessionPersistTime": 3600,
"Ipv6": {
"Switch": "on"
},
"ApplicationProxyRules": [
{
"Proto": "TCP",
"Port": [
"80",
"90",
"99-110"
],
"OriginType": "custom",
"OriginValue": [
"1.1.1.1:80"
]
},
{
"Proto": "UDP",
"Port": [
"999",
"888",
"99-110"
],
"OriginType": "custom",
```

```
"OriginValue": [
"1.1.1.1:80",
"2.2.2.2:80"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"ProxyId": "proxy-537f5b41-162a-11ed-abaa-525400c5da15"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.ProxyNameDuplicating	The instance name already exists.
InvalidParameter.ProxyNameNotMatched	Instance name can contain 1 to 50 characters. The allowed characters are a to z, 0 to 9, and -. - cannot be registered alone or used continuously and cannot be placed at the beginning or the end.
LimitExceeded	The quota limit has been reached.
LimitExceeded.UserQuotaLimited	User instance quantity limitation.
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.PlatTypeIPAccelerateMainlandNotSupport	This site is using Anycast IP scheduling mode and does not support Cross-MLC-border acceleration.
OperationDenied.ZoneNotActive	The zone is disabled.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource doesn’t exist.

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DescribeApplicationProxies

Last updated：2025-02-19 19:32:57

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. In the latest version, this API has been split into two APIs: one for querying the Layer 4 proxy instance list and the other for querying Layer 4 forwarding rules. For details, see [DescribeL4Proxy] (https://www.tencentcloud.com/document/product/1552/103413?from_cn_redirect=1) and [DescribeL4ProxyRules] (https://www.tencentcloud.com/document/product/1552/103412?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeApplicationProxies.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	Zone ID. This parameter is required.
Filters.N	No	Array of Filter	Filters. Each filter can have up to 20 entries. Details: • proxy-id Filter by the **Proxy ID**, such as: `proxy-ev2sawbwfd` .

			Type: String Required: No • zone-id Filter by the **Site ID**, such as `zone-vawer2vadg` . Type: String Required: No • rule-tag Filter by the **Rule tag**, such as `rule-service-1` . Type: String Required: No
Offset	No	Integer	The paginated query offset. Default value: 0
Limit	No	Integer	The paginated query limit. Default value: 20. Maximum value: 1000.

3. Output Parameters

Parameter Name	Type	Description
ApplicationProxies	Array of ApplicationProxy	List of application proxies.
TotalCount	Integer	Total number of records.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of application proxies

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeApplicationProxies
<Common request parameters>
```

```
{
"Offset": 0,
"Limit": 10
}
```

Output Example


```
{
"Response": {
"RequestId": "a84ae15a-aca5-4c24-a4f4-c419cf2c18af",
"ApplicationProxies": [
{
"HostId": "",
"ProxyType": "instance",
"Area": "mainland",
"AccelerateType": 1,
"SessionPersistTime": 100,
"PlatType": "domain",
"ProxyId": "proxy-34c74aa7-9a9f-11ec-bcb0-52540015711d",
"ProxyName": "zone-f835533b8998f",
"ZoneId": "zone-21xfqlh4qjee",
"ZoneName": "123.com",
"ApplicationProxyRules": [
{
"OriginType": "custom",
"OriginValue": [
"81.69.174.153:80"
],
"Port": [
"80"
],
"OriginPort": "8080",
"SessionPersistTime": 100,
"Proto": "TCP",
"Status": "online",
"ForwardClientIp": "off",
"SessionPersist": true,
"RuleId": "rule-34c74ab8-9a9f-11ec-bcb0-52540015711d",
"RuleTag": "rule-for-cgi"
},
{
"OriginType": "custom",
"OriginValue": [
"81.69.174.153:553"
],
"Port": [
```

```
"553"
],
"Proto": "UDP",
"Status": "online",
"ForwardClientIp": "off",
"SessionPersist": true,
"OriginPort": "8080",
"SessionPersistTime": 100,
"RuleId": "rule-4bc1d3d6-9aa0-11ec-bcb0-52540015711d",
"RuleTag": "rule-for-logic"
}
],
"AccelerateMainland": {
"Switch": "off"
},
"ScheduleValue": [],
"SecurityType": 1,
"Ipv6": {
"Switch": "on"
},
"Status": "progress",
"BanStatus": "recover",
"UpdateTime": "2022-03-03T06:06:10Z"
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for C++

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyApplicationProxy

Last updated：2025-02-19 19:32:51

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4Proxy
] (https://www.tencentcloud.com/document/product/1552/103411?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
ProxyId	Yes	String	Proxy ID.
ProxyName	Yes	String	Domain name or subdomain name when `ProxyType=hostname`; Instance name when `ProxyType=instance`.

SessionPersistTime	No	Integer	The session persistence duration. Value range: 30-3600 (in seconds). The original configuration will apply if this field is not specified.
ProxyType	No	String	L4 proxy mode. Valid values: • instance: Instance mode. If it is not specified, instance is used by default.
Ipv6	No	Ipv6	IPv6 access configuration. The original configuration will apply if it is not specified.
AccelerateMainland	No	AccelerateMainland	Cross-MLC-border acceleration. The original configuration will apply if it is not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modify Application Proxy

Modify the application proxy.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxy
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ProxyId": "proxy-537f5b41-162a-11ed-abaa-525400c5da15",
"ProxyName": "ssss",
"ProxyType": "instance",
```

```
"SessionPersistTime": 3600,
"Ipv6": {
"Switch": "on"
}
}
```


Output Example


```
{
"Response": {
"RequestId": "b03fe5dd-be04-444c-a2e1-49f1bf2f399a"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4LackOfResources	The layer-4 instance resource sales are skyrocketing and now the resources are sold out. Replenishing is in progress. Currently, new layer-4 proxies cannot be added. Please wait.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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ModifyApplicationProxyStatus

Last updated：2025-02-19 19:32:49

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4ProxyStatus] (https://www.tencentcloud.com/document/product/1552/103408?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxyStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
Status	Yes	String	The proxy status. Values: • `offline` : The proxy is disabled. • `online` : The proxy is enabled.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the status of an application proxy

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxyStatus
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"Status": "online"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn’t exist.

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DeleteApplicationProxy

Last updated：2025-02-19 19:33:00

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [DeleteL4Proxy] (https://www.tencentcloud.com/document/product/1552/103415?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteApplicationProxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.

3. Output Parameters

Parameter	Type	Description

Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an application proxy

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteApplicationProxy
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

CreateApplicationProxyRule

Last updated：2025-02-19 19:33:02

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [CreateL4ProxyRules] (https://www.tencentcloud.com/document/product/1552/103416?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateApplicationProxyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
Proto	Yes	String	The protocol. Values: • `TCP` : TCP protocol • `UDP` : UDP protocol
Port.N	Yes	Array of String	The access port, which can be: • A single port, such as 80 • A port range, such as 81-90

OriginType	Yes	String	Origin server type. Valid values: • custom: Manually added; • loadbalancer: Cloud Load Balancer; • origins: Origin server group.
OriginValue.N	Yes	Array of String	Details of the origin server: • When OriginType is custom, it indicates one or more origin servers, such as ["8.8.8.8","9.9.9.9"] or OriginValue=["test.com"]; • When OriginType is loadbalancer, it indicates a single Cloud Load Balancer, such as ["lb-xdffsfasdfs"]; • When OriginType is origins, it requires one and only one element, which represents an origin server group ID, such as ["origin-537f5b41-162a-11ed-abaa-525400c5da15"].
ForwardClientIp	No	String	Passes the client IP. Values: • `TOA` : Pass the client IP via TOA (available only when `Proto=TCP`). • `PPV1` : Pass the client IP via Proxy Protocol V1 (available only when `Proto=TCP`). • `PPV2` : Pass the client IP via Proxy Protocol V2. • `OFF` : Not pass the client IP. Default value: OFF.
SessionPersist	No	Boolean	Whether to enable session persistence. Values: • `true` : Enable. • `false` : Disable. Default value: false.
SessionPersistTime	No	Integer	Duration for the persistent session. The value takes effect only when `SessionPersist = true` .
OriginPort	No	String	The origin port, which can be: • A single port, such as 80 • A port range, such as 81-82
RuleTag	No	String	Rule tag. This parameter is left empty by default.

3. Output Parameters

Parameter Name	Type	Description

RuleId	String	The rule ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an application proxy rule

This example shows you how to create an application proxy rule.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateApplicationProxyRule
<Common Request Parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ProxyId": "proxy-19389e5dwwxfs",
"Proto": "TCP",
"Port": [
"99-110"
],
"OriginType": "custom",
"OriginValue": [
"1.1.1.1"
],
"OriginPort": "99-110",
"ForwardClientIp": "TOA",
"SessionPersist": false,
"RuleTag": "rule-service-1"
}
```

Output Example

```
{
"Response": {
"RequestId": "3df3e931-3159-4337-adc7-7604e01e0fa9",
"RuleId": "rule-a8f0d49a-33d7-11ed-9b89-52540005c111"
```

```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidRuleProto	Incorrect protocol of the rules. (TCP/UDP).
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.RuleOriginFormatError	Incorrect origin server information format of the rules.

InvalidParameter.RuleOriginMultiDomain	The origin of the rule does not support multiple domain names.
InvalidParameter.RuleOriginPortInteger	The origin port of the rule must be an integer.
InvalidParameter.RuleOriginValueError	Invalid origin in the rule.
InvalidParameter.RulePortDuplicating	The rule port already exists.
InvalidParameter.RulePortGroup	Incorrect port number segment of the rules.
InvalidParameter.RulePortInteger	The port number of the rules must be an integer.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyApplicationProxyRule

Last updated：2025-02-19 19:32:50

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4ProxyRules] (https://www.tencentcloud.com/document/product/1552/103410?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
RuleId	Yes	String	The rule ID.
OriginType	Yes	String	Origin server type. Valid values: • custom: Manually added; • origins: Origin server group.
Port.N	Yes	Array of	The access port, which can be:

		String	• A single port, such as 80 • A port range, such as 81-90
Proto	No	String	The protocol. Values: • `TCP` : TCP protocol • `UDP` : UDP protocol The original configuration will apply if this field is not specified.
OriginValue.N	No	Array of String	Origin server information: • When `OriginType=custom` , it indicates one or more origin servers, such as ["8.8.8.8","9.9.9.9"] or ["test.com"]. • When `OriginType=origins` , it indicates an origin group ID, such as ["origin-537f5b41-162a-11ed-abaa-525400c5da15"]. The original configuration will apply if this field is not specified.
ForwardClientIp	No	String	Passes the client IP. Values: • `TOA` : Pass the client IP via TOA (available only when `Proto=TCP`). • `PPV1` : Pass the client IP via Proxy Protocol V1 (available only when `Proto=TCP`). • `PPV2` : Pass the client IP via Proxy Protocol V2. • `OFF` : Not pass the client IP. If not specified, this field uses the default value OFF.
SessionPersist	No	Boolean	Whether to enable session persistence. Values: • `true` : Enable • `false` : Disable If it is left empty, the default value `false` is used.
SessionPersistTime	No	Integer	Duration for the persistent session. The value takes effect only when `SessionPersist = true` .
OriginPort	No	String	The origin port, which can be: • A single port, such as 80 • A port range, such as 81-82
RuleTag	No	String	Rule tag. The original configuration will apply if it is not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an application proxy rule

This example shows you how to modify an application proxy rule.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxyRule
<Common Request Parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"RuleId": "rule-5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"Proto": "TCP",
"Port": [
"99-110"
],
"OriginType": "custom",
"OriginValue": [
"1.1.1.1"
],
"OriginPort": "99-110",
"ForwardClientIp": "TOA",
"SessionPersist": false,
"RuleTag": "rule-service-1"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
```

```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn’t exist.

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ModifyApplicationProxyRuleStatus

Last updated：2025-02-19 19:32:50

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4ProxyRulesStatus
] (https://www.tencentcloud.com/document/product/1552/103409?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxyRuleStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
RuleId	Yes	String	The rule ID.
Status	Yes	String	The rule status. Values: • `offline` : Disabled

			• `online` : Enabled

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the status of an application proxy rule

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxyRuleStatus
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"RuleId": "rule-19389e5a-118b-11ed-9951-525400655ede",
"Status": "offline"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DeleteApplicationProxyRule

Last updated：2025-02-19 19:32:59

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [DeleteL4ProxyRules] (https://www.tencentcloud.com/document/product/1552/103414?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteApplicationProxyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
RuleId	Yes	String	The rule ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an application proxy rule

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteApplicationProxyRule
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"RuleId": "rule-19389e5a-118b-11ed-9951-525400655ede"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation	Unsupported operation.

Version Management APIs
CreateConfigGroupVersion

Last updated：2025-02-19 19:32:33

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to create a new version for the specified configuration group in version management mode. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateConfigGroupVersion.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
GroupId	Yes	String	GroupId of the version to be created.
Content	Yes	String	Configuration content to be imported. It is required to be in JSON format and encoded in UTF-8. Please refer to the example below for the configuration file content.

Description	No	String	Version description. The maximum length allowed is 50 characters. This field can be used to provide details about the application scenarios of this version.

3. Output Parameters

Parameter Name	Type	Description
VersionId	String	Version ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Create a New Version for the Specified Configuration Group

Create a new version, with ZoneId set to zone-m2kplohsdc4b and GroupId to cg-2p9unsmt54uw.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateConfigGroupVersion
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"GroupId": "cg-2p9unsmt54uw",
"Description": "created for openday",
"Content": "{\n \"FormatVersion\": \"1.0\",\n \"ZoneConfig\": {\n \"SmartRouting
\": {\n \"Switch\": \"off\"\n },\n \"Cache\": {\n \"CustomTime\": {\n \"Switch\":
\"on\",\n \"CacheTime\": 604800\n }\n },\n \"MaxAge\": {\n \"FollowOrigin\": \"on
\",\n \"CacheTime\": 600\n },\n \"CacheKey\": {\n \"FullURLCache\": \"off\",\n \"
QueryString\": {\n \"Switch\": \"on\",\n \"Action\": \"includeCustom\",\n \"Value
s\": [\n \"key1\",\n \"key2\"\n ]\n },\n \"IgnoreCase\": \"on\"\n },\n \"CachePre
fresh\": {\n \"Switch\": \"off\",\n \"CacheTimePercent\": 90\n },\n \"OfflineCach
e\": {\n \"Switch\": \"on\"\n },\n \"Compression\": {\n \"Switch\": \"on\",\n \"A
lgorithms\": [\n \"brotli\",\n \"gzip\"\n ]\n },\n \"ImageOptimize\": {\n \"Switc
```

```
h\": \"off\"\n },\n \"ForceRedirectHTTPS\": {\n \"Switch\": \"on\",\n \"RedirectS
tatusCode\": 302\n },\n \"HSTS\": {\n \"Switch\": \"on\",\n \"IncludeSubDomains\"
: \"on\",\n \"Timeout\": 16070400,\n \"Preload\": \"on\"\n },\n \"TLSConfig\": {
\n \"CipherSuite\": \"loose-v2023\",\n \"Version\": [\n \"TLSv1\",\n \"TLSv1.1\",
\n \"TLSv1.2\",\n \"TLSv1.3\"\n ]\n },\n \"OCSPStapling\": {\n \"Switch\": \"off
\"\n },\n \"HTTP2\": {\n \"Switch\": \"on\"\n },\n \"QUIC\": {\n \"Switch\": \"of
f\"\n },\n \"UpstreamHTTP2\": {\n \"Switch\": \"off\"\n },\n \"IPv6\": {\n \"Swit
ch\": \"off\"\n },\n \"WebSocket\": {\n \"Switch\": \"on\",\n \"Timeout\": 30\n
},\n \"PostMaxSize\": {\n \"Switch\": \"on\",\n \"MaxSize\": 838860800\n },\n \"C
lientIPHeader\": {\n \"Switch\": \"off\",\n \"HeaderName\": \"\"\n },\n \"ClientI
PCountry\": {\n \"Switch\": \"on\",\n \"HeaderName\": \"EO-Client-IPCountry\"\n
},\n \"gRPC\": {\n \"Switch\": \"off\"\n },\n \"AccelerateMainland\": {\n \"Switc
h\": \"off\"\n },\n \"StandardDebug\": {\n \"Switch\": \"on\",\n \"AllowClientIPL
ist\": [\n \"1.2.3.4\"\n ],\n \"Expires\": \"2023-11-04T04:46:28Z\"\n }\n },\n \"
Rules\": [\n {\n \"RuleName\": \"Unnamed rule\",\n \"Branches\": [\n {\n \"Condit
ion\": \"${http.request.host} matches '.*'\",\n \"Actions\": [\n {\n \"Name\": \"
UpstreamURLRewrite\",\n \"Parameters\": {\n \"Type\": \"Path\",\n \"Action\": \"r
mvPrefix\",\n \"Value\": \"/prefix\"\n }\n }\n ],\n \"SubRules\": [\n {\n \"Branc
hes\": [\n {\n \"Condition\": \"${http.request.file_extension} in ['.jpg']\",\n
\"Actions\": [\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Switch\":
\"on\",\n \"MaxSize\": 524288000\n }\n }\n ]\n }\n ]\n },\n {\n \"Branches\": [\n
{\n \"Condition\": \"${http.request.file_extension} in ['.png']\",\n \"Actions\":
[\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Switch\": \"on\",\n \"
MaxSize\": 209715200\n }\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n}"
}
```


Output Example


```
{
"Response": {
"VersionId": "ver-5ksglmhghsu3",
"RequestId": "5e0a2b4e-dw6d-4dsa-ac39-1706cbf8a703"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.ConfigConditionSyntaxError	Syntax error in the condition expression of the configuration file.
FailedOperation.ConfigConditionUnknownTarget	Unrecognized condition matching type.
FailedOperation.ConfigConditionValueEmptyError	The value field of the condition expression cannot be empty in the configuration file.
FailedOperation.ConfigFieldTypeError	The configuration file contains fields with inconsistent data types.
FailedOperation.ConfigFormatError	Syntax error in the configuration file.
FailedOperation.ConfigMalformedContent	Incorrect format of the configuration file. Parsing failed.
FailedOperation.ConfigParamValidateErrors	Parameter verification error in the configuration file.
FailedOperation.ConfigUnknownField	The specified field in the configuration file is not recognized, indicating a possible spelling error or incorrect placement within the file structure.
FailedOperation.ConfigUnsupportedFormatVersion	The current configuration file version is not supported.
FailedOperation.MissingConfigChunk	The content is missing a mandatory configuration block.

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FailedOperation.UnknownConfigGroupType	Unknown configuration group type.
InvalidParameter	Parameter error.
InvalidParameter.DuplicateRule	Duplicate rules.
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.InvalidCacheKeyQueryStringAction	Invalid query string.
InvalidParameter.InvalidConditions	Invalid conditions.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeFollowOrigin	Invalid browser cache.
InvalidParameter.InvalidStandardDebug	Invalid debug configuration for EdgeOne.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status code in cache.
InvalidParameterValue	Invalid parameter value.
LimitExceeded.RuleLimitExceeded	The number of rules has reached the limit.
MissingParameter	Missing parameters.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.NotInVersionControlWhiteList	The current user is not included in the whitelist for version management.
OperationDenied.OwnershipVerificationNotPassed	Ownership verification failed. Please complete the site ownership verification first.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.

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OperationDenied.WorkModeNotInVersionControl	The specified site working mode is not applicable to the version management mode.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.

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DeployConfigGroupVersion

Last updated：2025-02-19 19:32:33

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to release versions in version management mode. Users can deploy the version to either the testing environment or the production environment by specifying the EnvId parameter. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeployConfigGroupVersion.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
EnvId	Yes	String	Environment ID. Please specify the environment ID to which the version should be released.
ConfigGroupVersionInfos.N	Yes	Array of	Version information required for

		ConfigGroupVersionInfo	release. Multiple versions of different configuration groups can be modified simultaneously, while each group allows modifying only one version at a time.
Description	Yes	String	Change description. It is used to describe the content and reasons for this change. A maximum of 100 characters are supported.

3. Output Parameters

Parameter Name	Type	Description
RecordId	String	Release record ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Create a Version Deployment Task

Release a specific version with ZoneId set to zone-32qwgrnvbisw, VersionId to ver-2ogs1as803hm, and EnvId to env-28jw51ksm9bw.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDeployVersionTask
<Common request parameters>

{
"ZoneId": "zone-32qwgrnvbisw",
"EnvId": "env-28jw51ksm9bw",
"ConfigGroupVersionInfos": [
{
```

```
"VersionId": "ver-2ogs1as803hm"
}
],
"Description": "Add IPv6 and AccelerationMainland configuration"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-as19-1706cbf8a902",
"RecordId": "dr-2nvadq3sa41u"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

FailedOperation.ConfigConditionSyntaxError	Syntax error in the condition expression of the configuration file.
FailedOperation.ConfigConditionUnknownTarget	Unrecognized condition matching type.
FailedOperation.ConfigConditionValueEmptyError	The value field of the condition expression cannot be empty in the configuration file.
FailedOperation.ConfigFieldTypeError	The configuration file contains fields with inconsistent data types.
FailedOperation.ConfigFormatError	Syntax error in the configuration file.
FailedOperation.ConfigMalformedContent	Incorrect format of the configuration file. Parsing failed.
FailedOperation.ConfigParamValidateErrors	Parameter verification error in the configuration file.
FailedOperation.ConfigUnknownField	The specified field in the configuration file is not recognized, indicating a possible spelling error or incorrect placement within the file structure.
FailedOperation.ConfigUnsupportedFormatVersion	The current configuration file version is not supported.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DomainStatusUnstable	Some domain names on the site are currently experiencing instability. The stable states for domain names are "online" and "offline".
OperationDenied.EnvNotReady	The site environment is not ready.
OperationDenied.NotInVersionControlWhiteList	The current user is not included in the whitelist for version management.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
OperationDenied.WorkModeNotInVersionControl	The specified site working mode is not applicable to the version management mode.
ResourceNotFound	The resource doesn’t exist.
ResourceNotFound.VersionNotFound	The configuration group version does not exist. Please check and try again.

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DescribeConfigGroupVersionDetail

Last updated：2025-02-19 19:32:32

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to obtain detailed information about a version in version management mode. The response includes the version ID, description, status, creation time, configuration group information, and the content of the version configuration file. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeConfigGroupVersionDetail.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
VersionId	Yes	String	Version ID.

3. Output Parameters

Parameter Name	Type	Description
ConfigGroupVersionInfo	ConfigGroupVersionInfo	Version information.
Content	String	Version file content. It is returned in JSON format.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version Details

Query version details with ZoneId set to zone-m2kplohsdc4b and VersionId to ver-5ksglmhghsu3.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeConfigGroupVersionDetail
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"VersionId": "ver-5ksglmhghsu3"
}
```

Output Example

```
{
"Response": {
"Content": "{\n \"FormatVersion\": \"1.0\",\n \"ZoneConfig\": {\n \"SmartRouting
\": {\n \"Switch\": \"off\"\n },\n \"Cache\": {\n \"CustomTime\": {\n \"Switch\":
\"on\",\n \"CacheTime\": 604800\n }\n },\n \"MaxAge\": {\n \"FollowOrigin\": \"on
\",\n \"CacheTime\": 600\n },\n \"CacheKey\": {\n \"FullURLCache\": \"off\",\n
\"QueryString\": {\n \"Switch\": \"on\",\n \"Action\": \"includeCustom\",\n \"Val
ues\": [\n \"key1\",\n \"key2\"\n ]\n },\n \"IgnoreCase\": \"on\"\n },\n \"CacheP
refresh\": {\n \"Switch\": \"off\",\n \"CacheTimePercent\": 90\n },\n \"OfflineCa
che\": {\n \"Switch\": \"on\"\n },\n \"Compression\": {\n \"Switch\": \"on\",\n
\"Algorithms\": [\n \"brotli\",\n \"gzip\"\n ]\n },\n \"ImageOptimize\": {\n \"Sw
```

```
itch\": \"off\"\n },\n \"ForceRedirectHTTPS\": {\n \"Switch\": \"on\",\n \"Redire
ctStatusCode\": 302\n },\n \"HSTS\": {\n \"Switch\": \"on\",\n \"IncludeSubDomain
s\": \"on\",\n \"Timeout\": 16070400,\n \"Preload\": \"on\"\n },\n \"TLSConfig\":
{\n \"CipherSuite\": \"loose-v2023\",\n \"Version\": [\n \"TLSv1\",\n \"TLSv1.1
\",\n \"TLSv1.2\",\n \"TLSv1.3\"\n ]\n },\n \"OCSPStapling\": {\n \"Switch\": \"o
ff\"\n },\n \"HTTP2\": {\n \"Switch\": \"on\"\n },\n \"QUIC\": {\n \"Switch\":
\"off\"\n },\n \"UpstreamHTTP2\": {\n \"Switch\": \"off\"\n },\n \"IPv6\": {\n
\"Switch\": \"off\"\n },\n \"WebSocket\": {\n \"Switch\": \"on\",\n \"Timeout\":
30\n },\n \"PostMaxSize\": {\n \"Switch\": \"on\",\n \"MaxSize\": 838860800\n
},\n \"ClientIPHeader\": {\n \"Switch\": \"off\",\n \"HeaderName\": \"\"\n },\n
\"ClientIPCountry\": {\n \"Switch\": \"on\",\n \"HeaderName\": \"EO-Client-IPCoun
try\"\n },\n \"gRPC\": {\n \"Switch\": \"off\"\n },\n \"AccelerateMainland\": {\n
\"Switch\": \"off\"\n },\n \"StandardDebug\": {\n \"Switch\": \"on\",\n \"AllowCl
ientIPList\": [\n \"1.2.3.4\"\n ],\n \"Expires\": \"2023-11-04T04:46:28Z\"\n }\n
},\n \"Rules\": [\n {\n \"RuleName\": \"Unnamed rule\",\n \"Branches\": [\n {\n
\"Condition\": \"${http.request.host} matches '.*'\",\n \"Actions\": [\n {\n \"Na
me\": \"UpstreamURLRewrite\",\n \"Parameters\": {\n \"Type\": \"Path\",\n \"Actio
n\": \"rmvPrefix\",\n \"Value\": \"/prefix\"\n }\n }\n ],\n \"SubRules\": [\n {\n
\"Branches\": [\n {\n \"Condition\": \"${http.request.file_extension} in ['.jpg']
\",\n \"Actions\": [\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Swi
tch\": \"on\",\n \"MaxSize\": 524288000\n }\n }\n ]\n }\n ]\n },\n {\n \"Branches
\": [\n {\n \"Condition\": \"${http.request.file_extension} in ['.png']\",\n \"Ac
tions\": [\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Switch\": \"o
n\",\n \"MaxSize\": 209715200\n }\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n}",
"ConfigGroupVersionInfo": {
"CreateTime": "2023-11-06T11:33:12Z",
"Description": "test",
"GroupId": "cg-2p9unsmt54uw",
"GroupType": "l7_acceleration",
"Status": "inactive",
"VersionId": "ver-2pn240kqwgti",
"VersionNumber": "1"
},
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

DescribeConfigGroupVersions

Last updated：2025-02-19 19:32:32

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the version list for the specified configuration group in version management mode. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

Try it

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeConfigGroupVersions.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
GroupId	Yes	String	Configuraration group ID.
Filters.N	No	Array of AdvancedFilter	Filtering condition. The maximum value of Filters.Values is 20. If this parameter is not specified, all version information for the selected configuration group is returned. Detailed filtering conditions: • version-id: Filter by version ID.

Offset	No	Integer	Paging query offset. The default value is 0.
Limit	No	Integer	Limited entries in paging queries. The default value is 20 and the maximum value is 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total versions.
ConfigGroupVersionInfos	Array of ConfigGroupVersionInfo	Version information list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version List

Query version details with ZoneId set to zone-2kpsqmtisdcb, GroupId to cg-27fil26zq2s1, and VersionId to ver-2kuq2mhis9c0.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeConfigGroupVersions
<Common request parameters>

{
"ZoneId": "zone-2kpsqmtisdcb",
"GroupId": "cg-27fil26zq2s1",
"Filters": [
{
"Name": "version-id",
"Values": [
```

```
"ver-2kuq2mhis9c0"
]
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"ConfigGroupVersionInfos": [
{
"VersionId": "ver-2kuq2mhis9c0",
"Description": "test",
"VersionNumber": "1.0",
"GroupId": "cg-27fil26zq2s1",
"GroupType": "l7_acceleration",
"Status": "RELEASED",
"CreateTime": "2020-09-22T00:00:00+00:00"
}
],
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

DescribeDeployHistory

Last updated：2025-02-19 19:32:31

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query the release history of versions in the production or test environment in version management mode. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDeployHistory.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
EnvId	Yes	String	Environment ID.
Filters.N	No	Array of AdvancedFilter	Filtering condition. The maximum value of Filters.Values is 20. Detailed filtering conditions: • record-id: Filter by release record ID.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total release records.
Records	Array of DeployRecord	Release record details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version Release History

Query the version release history with ZoneId set to zone-3swlomhssdcb and EnvId set to env-2kpeomhisdwb.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeCustomErrorPages
<Common request parameters>

{
"ZoneId": "zone-3swlomhssdcb",
"EnvId": "env-2kpeomhisdwb"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"Records": [
{
"ConfigGroupVersionInfos": [
{
"VersionId": "ver-2kplomhiqdcb",
```

```
"VersionNumber": "1.0",
"GroupId": "cg-2kplomhisdcb",
"GroupType": "l7_acceleration",
"Description": "Test version",
"Status": "active",
"CreateTime": "2020-09-22T00:00:00+00:00"
}
],
"RecordId": "dr-2nvehs3fa40u",
"DeployTime": "2023-09-22T00:00:00+00:00",
"Status": "success",
"Message": "Released successfully."
}
],
"RequestId": "9bd9c732-8f9a-4cd3-a3e0-1c2db5e53631"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

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DescribeEnvironments

Last updated：2025-02-19 19:32:31

1. API Description

Domain name for API request: teo.intl.tencentcloudapi.com.

This API is used to query environment information in version management mode. The response includes the environment ID, type, and current effective version. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeEnvironments.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.

3. Output Parameters

Parameter Name	Type	Description

TotalCount	Integer	Total environments.
EnvInfos	Array of EnvInfo	Environment list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version Release Environment List

Query information about the environment list with ZoneId set to zone-2k3lomh6sdcb.

Input Example

```
POST / HTTP/1.1
Host: teo.intl.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeEnvironments
<Common request parameters>

{
"ZoneId": "zone-2k3lomh6sdcb"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"EnvInfos": [
{
"EnvId": "env-2kplomhisdcb",
"EnvType": "production",
"Status": "running",
"Scope": [
"ALL"
],
"CreateTime": "2023-09-21T00:00:00+00:00",
"UpdateTime": "2023-09-22T00:00:00+00:00",
```

```
"CurrentConfigGroupVersionInfos": [
{
"VersionId": "ver-2k3lomh6sdcb",
"VersionNumber": "1.0",
"GroupId": "cg-2k3lomh6sdcb",
"GroupType": "l7_acceleration",
"Description": "Used for production",
"Status": "active",
"CreateTime": "2023-09-22T00:00:00+00:00"
}
]
}
],
"RequestId": "9bd9c732-0f9a-4cd3-a3e8-1e9db5e53631"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

Data Types

Last updated：2025-07-03 20:23:06

AccelerateMainland

Cross-MLC-border acceleration.

Used by actions: CreateApplicationProxy, DescribeApplicationProxies, DescribeZoneSetting, ModifyApplicationProxy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable Cross-MLC-border acceleration. Valid values: • `on` : Enable; • `off` : Disable.

AccelerateMainlandParameters

Accelerate optimization and configuration in mainland China.

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Mainland china acceleration optimization switch. valid values:. • `On` : enable; . • Off: disable. .

AccelerateType

Acceleration type

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Acceleration switch. Values:

			• `on` : Enable • `off` : Disable

AccelerationDomain

Accelerated domain name

Used by actions: DescribeAccelerationDomains.

Name	Type	Description
ZoneId	String	ID of the site.
DomainName	String	Accelerated domain name
DomainStatus	String	Status of the accelerated domain name. Values: • `online` : Activated • `process` : Being deployed • `offline` : Disabled • `forbidden` : Blocked • `init` : Pending activation
OriginDetail	OriginDetail	Details of the origin. Note: This field may return null, indicating that no valid values can be obtained.
OriginProtocol	String	Origin-pull protocol configuration. Values: • `FOLLOW` : Follow the protocol of origin • `HTTP` : Send requests to the origin over HTTP • `HTTPS` : Send requests to the origin over HTTPS Note: This field may return·null, indicating that no valid values can be obtained.
HttpOriginPort	Integer	The port used for HTTP origin-pull requests Note: This field may return·null, indicating that no valid values can be obtained.
HttpsOriginPort	Integer	The port used for HTTPS origin-pull requests Note: This field may return·null, indicating that no valid values can be obtained.
IPv6Status	String	IPv6 status. Values:

		• `follow` : Follow the IPv6 configuration of the site • `on` : Enable • `off` : Disable Note: This field may return·null, indicating that no valid values can be obtained.
Cname	String	The CNAME address.
IdentificationStatus	String	Ownership verification status. Values: • `pending` : Pending verification • `finished` : Verified Note: This field may return null, indicating that no valid values can be obtained.
CreatedOn	Timestamp ISO8601	Creation time of the accelerated domain name.
ModifiedOn	Timestamp ISO8601	Modification time of the accelerated domain name.
OwnershipVerification	OwnershipVerification	Information required to verify the ownership of a domain name. Note: This field may return·null, indicating that no valid values can be obtained.
Certificate	AccelerationDomainCertificate	Domain name certificate information Note: This field may return·null, indicating that no valid values can be obtained.

AccelerationDomainCertificate

Information of the acceleration domain name certificate.

Used by actions: DescribeAccelerationDomains.

Name	Type	Required	Description
Mode	String	No	Certificate configuration mode. Values: • `disable` : Do not configure the certificate; • `eofreecert` : Use a free certificate provided by EdgeOne; • `sslcert` : Configure an SSL certificate.
List	Array of	No	List of server certificates. The relevant certificates are

	CertificateInfo		deployed on the entrance side of the EO. Note: This field may return null, which indicates a failure to obtain a valid value.
ClientCertInfo	MutualTLS	No	In the edge mutual authentication scenario, this field represents the client's CA certificate, which is deployed inside the EO node and used for EO node authentication of the client certificate.
UpstreamCertInfo	UpstreamCertInfo	No	The certificate carried during EO node origin-pull is used when the origin server enables the mutual authentication handshake to validate the client certificate, ensuring that the request originates from a trusted EO node.

AccessURLRedirectParameters

Access URL redirect configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
StatusCode	Integer	No	Status code. valid values: 301, 302, 303, 307, 308.
Protocol	String	No	Target request protocol. valid values:. • Http: target request protocol http; . • Https: target request protocol https; . • Follow: follow the request. .
HostName	HostName	No	Target hostname. Note: this field may return null, which indicates a failure to obtain a valid value.
URLPath	URLPath	No	Target path. Note: this field may return null, which indicates a failure to obtain a valid value.
QueryString	AccessURLRedirectQueryString	No	Carry query parameters. Note: this field may return null, which indicates a failure to obtain a valid value.

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AccessURLRedirectQueryString

Access URL redirect configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Action	String	No	Action to be executed. values:. • `Full` : retain all . • `Ignore` : ignore all .

AclCondition

The condition that makes up an access control rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
MatchFrom	String	Yes	Filters: • `host` : Request domain name; • `sip` : Client IP; • `ua` : User-Agent; • `cookie` : Cookie; • `cgi` : CGI script; • `xff` : XFF header; • `url` : Request URL; • • `accept` : Request content type; • `method` : Request method<;/li> • `header` : Request header; • `app_proto` : Application layer protocol; • `sip_proto` : Network layer protocol; • `uabot` : UA rules (only available in custom bot rules); • `idcid` : IDC rules (only available in custom bot rules); • `sipbot` : Search engine rules (only available in custom bot rules); • `portrait` : Client reputation (only available in custom bot rules);

			• `header_seq` : Header sequence (only available in custom bot rules); • `hdr` : Request body (only available in custom Web protection rules).
MatchParam	String	Yes	The parameter of the field. When `MatchFrom = header` , the key contained in the header can be passed.
Operator	String	Yes	The logical operator. Values: • `equal` : Value equals • `not_equal` : Value not equals • `include` : String contains • `not_include` : String not contains • `match` : IP matches • `not_match` : IP not matches • `include_area` : Regions contain • `is_empty` : Value left empty • `not_exists` : Key fields not exist • `regexp` : Regex matches • `len_gt` : Value greater than • `len_lt` : Value smaller than • `len_eq` : Value equals • `match_prefix` : Prefix matches • `match_suffix` : Suffix matches • `wildcard` : Wildcard
MatchContent	String	Yes	The content to match.

AclConfig

ACL configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
AclUserRules	Array of AclUserRule	Yes	The custom rule.
Customizes	Array of	No	Custom managed rules

	AclUserRule		Note: This field may return `null` , indicating that no valid value can be obtained.

AclUserRule

The custom rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleName	String	Yes	The rule name.
Action	String	Yes	The action. Values: • `trans` : Allow • `drop` : Block the request • `monitor` : Observe • `ban` : Block the IP • `redirect` : Redirect the request • `page` : Return the specified page • `alg` : JavaScript challenge
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled
AclConditions	Array of AclCondition	Yes	The custom rule.
RulePriority	Integer	Yes	The rule priority. Value range: 0-100.
RuleID	Integer	No	Rule ID, which is only used as an output parameter.
UpdateTime	String	No	The update time, which is only used as an output parameter.
PunishTime	Integer	No	IP ban duration. Range: 0-2 days. It's required when `Action=ban` .
PunishTimeUnit	String	No	The unit of the IP ban duration. Values: • `second` : Second • `minutes` : Minute • `hour` : Hour Default value: `second` .

Name	String	No	Name of the custom return page. It's required when `Action=page`.
PageId	Integer	No	(Disused) ID of the custom return page. The default value is 0, which means that the system default blocking page is used.
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Action=page`.
ResponseCode	Integer	No	The response code to trigger the return page. It's required when `Action=page`. Value: 100-600. 3xx response codes are not supported. Default value: 567.
RedirectUrl	String	No	The redirection URL. It's required when `Action=redirect`.

Action

Rule engine action. Each feature supports only one of the following three action types. The `RuleAction` array can be of only one of the following types. For all details, see DescribeRulesSetting.

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
NormalAction	NormalAction	No	Common feature operations. the options for this category include:. • Access url rewrite (`accessurlredirect`). . • origin url overriding (upstreamurlredirect); . • quic; . • websocket; . • video dragging (videoseek); . • token authentication (authentication); . • custom cachekey (cachekey); . • node caching ttl (cache);

			. • browser cache ttl (maxage); . • offline caching (offlinecache); . • smart acceleration (smartrouting); . • range-based origin pull (rangeoriginpull); . • http/2 origin pull (upstreamhttp2); . • host header overriding (hostheader); . • force https (forceredirect); . • https origin pull (originpullprotocol); . • `ResponseSpeedLimit` : single connection download speed limit. . • `CachePrefresh` : cache prefresh. . • `Compression` : smart compression. . • Hsts; . • ClientIpHeader; . • ssltlssecureconf; . • ocspstapling; . • http/2 access (http2); . • redirection during origin pull (upstreamfollowredirect); . • modifying origin server (origin); . • layer 7 origin pull timeout (httpupstreamtimeout). . • http response (httpresponse). . Note: this field may return null, which indicates a failure to obtain a valid value.

RewriteAction	RewriteAction	No	Feature operation with a request/response header. Features of this type include: • `RequestHeader` : HTTP request header modification. • `ResponseHeader` : HTTP response header modification. Note: This field may return null, indicating that no valid values can be obtained.
CodeAction	CodeAction	No	Feature operation with a status code. Features of this type include: • `ErrorPage` : Custom error page. • `StatusCodeCache` : Status code cache TTL. Note: This field may return null, indicating that no valid values can be obtained.

Addresses

IP range details.

Used by actions: DescribeOriginACL.

Name	Type	Required	Description
IPv4	Array of String	No	IPv4 subnet.
IPv6	Array of String	No	IPv6 subnet.

AdvancedFilter

Key-value pair filters for conditional filtering queries and fuzzy queries, such as filtering ID, name, and status.
If more than one filter exists, the logical relationship between these filters is `AND` .
If one filter has multiple values, the logical relationship between these values is `OR` .

Used by actions: DescribeAccelerationDomains, DescribeAliasDomains, DescribeConfigGroupVersions, DescribeContentIdentifiers, DescribeCustomErrorPages, DescribeDeployHistory, DescribeDnsRecords, DescribeOriginGroup, DescribePrefetchTasks, DescribePurgeTasks, DescribeRealtimeLogDeliveryTasks, DescribeZones.

Name	Type	Required	Description

Name	String	Yes	Field to be filtered.
Values	Array of String	Yes	Value of the filtered field.
Fuzzy	Boolean	No	Whether to enable fuzzy query.

AiRule

AI rule engine

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Mode	String	Yes	The status of the AI rule engine. Values: • `smart_status_close` : Disabled • `smart_status_open` : Block • `smart_status_observe` : Observe

AlgDetectJS

Validate client behavior.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	No	Method to validate client behavior.
WorkLevel	String	No	Proof-of-work strength. Values: • `low` (default): Low • `middle` : Medium • `high` : High
ExecuteMode	Integer	No	Implement a delay before executing JS in milliseconds. Value range: 0-1000. Default value: 500.
InvalidStatTime	Integer	No	The period threshold for validating the result "Client JS disabled" in seconds. Value range: 5-3600. Default value: 10.
InvalidThreshold	Integer	No	The number of times for the result "Client JS disabled" occurred in the specified period. Value range: 1-

			100000000. Default value: 30.
AlgDetectResults	Array of AlgDetectResult	No	Client behavior validation results.

AlgDetectResult

Active bot detection results.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Result	String	No	The validation result. Values: • `invalid` : Invalid Cookie • `cookie_empty` : No Cookie/Cookie expired • `js_empty` : Client JS disabled • `low` : Low-risk session • `middle` : Medium-risk session • `high` : High-risk session • `timeout` : JS validation timed out • `not_browser` : Invalid browser • `is_bot` : Bot client
Action	String	No	The action. Values: • `drop` : Block • `monitor` : Observe • `silence` : Drop w/o response • `shortdelay` : Add short latency • `longdelay` : Add long latency

AlgDetectRule

Active bot detection rule.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleID	Integer	No	ID of the rule.
RuleName	String	No	Name of the rule.

Switch	String	No	Whether to enable the rule.
AlgConditions	Array of AclCondition	No	Condition specified for the rule.
AlgDetectSession	AlgDetectSession	No	Validate Cookie when the condition is satisfied. Note: This field may return `null` , indicating that no valid values can be obtained.
AlgDetectJS	Array of AlgDetectJS	No	Validate client behavior when the condition is satisfied.
UpdateTime	String	No	The update time, which is only used as an output parameter.

AlgDetectSession

Validate Cookie.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	No	Method to validate Cookie.
DetectMode	String	No	The validation mode. Values: • `detect` : Validate only • `update_detect` (default): Update Cookie and validate
SessionAnalyzeSwitch	String	No	Whether to enable Cookie-based session check. The default value is `off` . Values: • `off` : Disable • `on` : Enable
InvalidStatTime	Integer	No	The period threshold for validating the result "No Cookie/Cookie expired" in seconds. Value range: 5-3600. Default value: 10.
InvalidThreshold	Integer	No	The number of times for the result "No Cookie/Cookie expired" occurred in the specified period. Value range: 1-100000000. Default value: 300.
AlgDetectResults	Array of	No	Cookie validation results.

	AlgDetectResult		
SessionBehaviors	Array of AlgDetectResult	No	Cookie-based session check results.

AliasDomain

Information of the alias domain name

Used by actions: DescribeAliasDomains.

Name	Type	Description
AliasName	String	The alias domain name.
ZoneId	String	The site ID.
TargetName	String	The target domain name.
Status	String	Status of the alias domain name. Values: • `active` : Activated • `pending` : Deploying • `conflict` : Reclaimed • `stop` : Stopped
ForbidMode	Integer	The blocking mode. Values: • `0` : Not blocked • `11` : Blocked due to regulatory compliance • `14` : Blocked due to ICP filing not obtained
CreatedOn	Timestamp ISO8601	Creation time of the alias domain name.
ModifiedOn	Timestamp ISO8601	Modification time of the alias domain name.

ApplicationProxy

Application proxy instance

Used by actions: DescribeApplicationProxies.

Name	Type	Description
ZoneId	String	The site ID.

ZoneName	String	The site name.
ProxyId	String	The proxy ID.
ProxyName	String	The domain name or subdomain name when `ProxyType=hostname`. The instance name when `ProxyType=instance`.
ProxyType	String	The proxy type. Values: • `hostname`: The proxy is created by subdomain name. • `instance`: The proxy is created by instance.
PlatType	String	The scheduling mode. Values: • `ip`: Schedule via Anycast IP. • `domain`: Schedule via CNAME.
Area	String	Acceleration region. Values: • `mainland`: Chinese mainland. • `overseas`: Global (outside the Chinese mainland); Default value: overseas.
SecurityType	Integer	Whether to enable security protection. Values: • `0`: Disable security protection. • `1`: Enable security protection.
AccelerateType	Integer	Whether to enable acceleration. Values: • `0`: Disable acceleration. • `1`: Enable acceleration.
SessionPersistTime	Integer	The session persistence duration.
Status	String	The rule status. Values: • `online`: Enabled • `offline`: Disabled • `progress`: Deploying • `stopping`: Disabling • `fail`: Failed to deploy or disable
BanStatus	String	The blocking status of the proxy. Values: • `banned`: Blocked • `banning`: Blocking • `recover`: Unblocked • `recovering`: Unblocking

ScheduleValue	Array of String	Scheduling information.
HostId	String	When `ProxyType=hostname`: This field indicates the unique ID of the subdomain name.
Ipv6	Ipv6	The IPv6 access configuration.
UpdateTime	Timestamp ISO8601	The update time.
ApplicationProxyRules	Array of ApplicationProxyRule	List of rules.
AccelerateMainland	AccelerateMainland	Cross-MLC-border acceleration.

ApplicationProxyRule

Application proxy rule

Used by actions: CreateApplicationProxy, DescribeApplicationProxies.

Name	Type	Required	Description
Proto	String	Yes	Protocol. Valid values: • TCP: TCP protocol; • UDP: UDP protocol.
Port	Array of String	Yes	Port. Supported formats: • A single port, such as 80. • A port range, such as 81-82, indicating two ports 81 and 82. Note: Up to 20 ports can be input for each rule.
OriginType	String	Yes	Origin server type. Valid values: • custom: manually added; • loadbalancer: cloud load balancer; • origins: origin server group.
OriginValue	Array of String	Yes	Origin server information. • When OriginType is custom, it indicates one or more origin servers, such as `["8.8.8.8","9.9.9.9"]` or `OriginValue=["test.com"]`; • When OriginType is loadbalancer, it indicates a cloud load balancer, such as ["lb-xdffsfasdfs"];

			• When OriginType is origins, it requires one and only one element, indicating the origin server group ID, such as ["origin-537f5b41-162a-11ed-abaa-525400c5da15"].
RuleId	String	No	Rule ID.
Status	String	No	Status. Valid values: • online: enabled; • offline: disabled; • progress: deploying; • stopping: disabling; • fail: deployment or disabling failed.
ForwardClientIp	String	No	Passing the client IP address. Valid values: • TOA: passing via TOA, available only when Proto = TCP; • PPV1: passing via Proxy Protocol V1, available only when Proto = TCP; • PPV2: passing via Proxy Protocol V2; • OFF: no passing. Default value: OFF.
SessionPersist	Boolean	No	Whether to enable session persistence. Valid values: • true: Enable; • false: Disable. Default value: false.
SessionPersistTime	Integer	No	Duration for session persistence. The value takes effect only when SessionPersist is true. Note: This field may return null, which indicates a failure to obtain a valid value.
OriginPort	String	No	Origin server port. Supported formats: • A single port, such as 80. • A port range, such as 81-82, indicating two ports 81 and 82.
RuleTag	String	No	Rule tag. Note: This field may return null, which indicates a failure to obtain a valid value.

AscriptionInfo

The site ownership information

Used by actions: DescribeIdentifications, IdentifyZone.

Name	Type	Description
Subdomain	String	
RecordType	String	The record type.
RecordValue	String	The record value.

AuthenticationParameters

Token authentication configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
AuthType	String	No	Authentication type. valid values:. • TypeA: authentication method a type, for specific meaning please refer to authentication method a; . • TypeB: authentication method b type, for specific meaning please refer to authentication method b; . • TypeC: authentication method c type, for specific meaning please refer to authentication method c; . • TypeD: authentication method d type, for specific meaning please refer to authentication method d; . • TypeVOD: authentication method v type, for specific meaning please refer to authentication method v. .
SecretKey	String	No	The primary authentication key consists of 6-40 uppercase and lowercase english letters or digits, and cannot contain " and $.
Timeout	Integer	No	Validity period of the authentication url, in seconds, value range: 1-630720000. used to determine if the client access request has expired:. • If the current time exceeds "timestamp + validity period", it is an expired request, and a 403 is returned directly. .

			• If the current time does not exceed "timestamp + validity period", the request is not expired, and the md5 string is further validated. note: when authtype is one of typea, typeb, typec, or typed, this field is required.
BackupSecretKey	String	No	The backup authentication key consists of 6–40 uppercase and lowercase english letters or digits, and cannot contain " and $.
AuthParam	String	No	Authentication parameters name. the node will validate the value corresponding to this parameter name. consists of 1-100 uppercase and lowercase letters, numbers, or underscores. note: this field is required when authtype is either typea or typed.
TimeParam	String	No	Authentication timestamp. it cannot be the same as the value of the authparam field. note: this field is required when authtype is typed.
TimeFormat	String	No	Authentication time format. values:. • Dec: decimal; . • Hex: hexadecimal. note: this field is required when authtype is typed. the default is hex.

BillingData

Billing data item

Used by actions: DescribeBillingData.

Name	Type	Description
Time	Timestamp ISO8601	Time.
Value	Integer	Value.

BillingDataFilter

Billing data filter criteria.

Used by actions: DescribeBillingData.

Name	Type	Required	Description
Type	String	Yes	Parameter name.
Value	String	Yes	Parameter value.

BindSharedCNAMEMap

Bindings between a shared CNAME and connected domain names

Used by actions: BindSharedCNAME.

Name	Type	Required	Description
SharedCNAME	String	Yes	The shared CNAME to be bound with or unbound from.
DomainNames	Array of String	Yes	Acceleration domains (up to 20).

BlockIPActionParameters

Additional parameter for SecurityAction `BlockIP` .

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
Duration	String	Yes	Penalty duration for `BlockIP` . Units: • `s` : second, value range 1-120; • `m` : minute, value range 1-120; • `h` : hour, value range 1-48. .

BotConfig

Bot security configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable bot security. Values:

			• `on` : Enable • `off` : Disable
BotManagedRule	BotManagedRule	No	The settings of the bot managed rule. If it is null, the settings that were last configured will be used.
BotPortraitRule	BotPortraitRule	No	The settings of the client reputation rule. If it is null, the settings that were last configured will be used.
IntelligenceRule	IntelligenceRule	No	The bot intelligence settings. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
BotUserRules	Array of BotUserRule	No	Settings of the custom bot rule. If it is null, the settings that were last configured will be used.
AlgDetectRule	Array of AlgDetectRule	No	Active bot detection rule.
Customizes	Array of BotUserRule	No	Settings of the bot managed rule. It is only used for output. Note: This field may return `null` , indicating that no valid values can be obtained.

BotExtendAction

Bot extended actions

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Action	String	Yes	Action. Valid values: • `monitor` : Observe; • `alg` : JavaScript challenge; • `captcha` : Managed challenge; • `random` : Actions are executed based on the percentage specified in `ExtendActions` ; • `silence` : Silence; • `shortdelay` : Add short latency; • `longdelay` : Add long latency.
Percent	Integer	No	The probability for triggering the action. Value range: 0-100. Note: This field may return `null` , indicating that no valid values can be

			obtained.

BotManagedRule

Bot managed rules. The rule IDs can be obtained from the output of DescribeBotManagedRules.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Action	String	Yes	The rule action. Values: • `drop` : Block • `trans` : Allow • `alg` : JavaScript challenge • `monitor` : Observe
RuleID	Integer	No	The rule ID, which is only used as an output parameter.
TransManagedIds	Array of Integer	No	The ID of the rule that applies the "Allow" action. Note: This field may return null, indicating that no valid values can be obtained.
AlgManagedIds	Array of Integer	No	The ID of the rule that applies the "JavaScript challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
CapManagedIds	Array of Integer	No	The ID of the rule that applies the "Managed challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
MonManagedIds	Array of Integer	No	The ID of the rule that applies the "Observe" action. Note: This field may return null, indicating that no valid values can be obtained.
DropManagedIds	Array of Integer	No	The ID of the rule that applies the "Block" action. Note: This field may return null, indicating that no valid values can be obtained.

BotPortraitRule

Bot user portrait rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
RuleID	Integer	No	The rule ID, which is only used as an output parameter.
AlgManagedIds	Array of Integer	No	The ID of the rule that applies the "JavaScript challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
CapManagedIds	Array of Integer	No	The ID of the rule that applies the "Managed challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
MonManagedIds	Array of Integer	No	The ID of the rule that applies the "Observe" action. Note: This field may return null, indicating that no valid values can be obtained.
DropManagedIds	Array of Integer	No	The ID of the rule that applies the "Block" action. Note: This field may return null, indicating that no valid values can be obtained.

BotUserRule

Custom bot rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleName	String	Yes	
Action	String	Yes	The action. Values: • `drop` : Block the request • `monitor` : Observe • `trans` : Allow • `redirect` : Redirect the request • `page` : Return the specified page • `alg` : JavaScript challenge

			• `captcha` : Managed challenge • `random` : Handle the request randomly by the weight • `silence` : Keep the connection but do not response to the client • `shortdelay` : Add a short latency period • `longdelay` : Add a long latency period
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled Default value: `on`
AclConditions	Array of AclCondition	Yes	Details of the rule.
RulePriority	Integer	Yes	The rule weight. Value range: 0-100.
RuleID	Integer	No	Rule ID, which is only used as an output parameter.
ExtendActions	Array of BotExtendAction	No	[Currently unavailable] Specify the random action and percentage.
FreqFields	Array of String	No	The filter. Values: • `sip` : Client IP This parameter is left empty by default.
UpdateTime	String	No	The update time, which is only used as an output parameter.
FreqScope	Array of String	No	Query scope. Values: • `source_to_eo` : (Response) Traffic going from the origin to EdgeOne. • `client_to_eo` : (Request) Traffic going from the client to EdgeOne. Default: `source_to_eo` .
Name	String	No	Name of the custom return page. It's required when `Action=page` .
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Action=page` .
ResponseCode	Integer	No	The response code to trigger the return page. It's

			required when `Action=page`. Value: 100-600. 3xx response codes are not supported. Default value: 567.
RedirectUrl	String	No	The redirection URL. It's required when `Action=redirect`.

CC

CC configuration item.

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	WAF switch. Values: • `on`: Enable • `off`: Disable
PolicyId	Integer	No	ID of the policy

CLSTopic

The configuration information of real-time log delivery to Tencent Cloud CLS

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks.

Name	Type	Required	Description
LogSetId	String	Yes	The ID of the Tencent Cloud CLS log set.
TopicId	String	Yes	The ID of the Tencent Cloud CLS log topic.
LogSetRegion	String	Yes	The region of the Tencent Cloud CLS log set.

Cache

Cache time settings

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable cache configuration. Values: • `on` : Enable • `off` : Disable
CacheTime	Integer	No	Cache expiration time setting. Unit: second. The maximum value is 365 days. Note: This field may return null, indicating that no valid values can be obtained.

CacheConfig

Cache rule configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Cache	Cache	No	Cache configuration Note: This field may return null, indicating that no valid values can be obtained.
NoCache	NoCache	No	No-cache configuration Note: This field may return null, indicating that no valid values can be obtained.
FollowOrigin	FollowOrigin	No	Follows the origin server configuration Note: This field may return null, indicating that no valid values can be obtained.

CacheConfigCustomTime

Node cache TTL custom cache time configuration parameters

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Custom cache time switch. values:. • `On` : enable; .

			• Off: disable. .
CacheTime	Integer	No	Custom cache time value, unit: seconds. value range: 0-315360000. note: this field is required when switch is on; when switch is off, this field is not required and will not take effect if filled.

CacheConfigParameters

Node Cache TTL configuration parameters

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
FollowOrigin	FollowOrigin	No	Follow origin server cache configuration. only one of followorigin, nocache, customtime can have switch set to on. Note: this field may return null, which indicates a failure to obtain a valid value.
NoCache	NoCache	No	No cache configuration. only one of followorigin, nocache, customtime can have switch set to on. Note: this field may return null, which indicates a failure to obtain a valid value.
CustomTime	CacheConfigCustomTime	No	Custom cache time configuration. only one of followorigin, nocache, customtime can have switch set to on. Note: this field may return null, which indicates a failure to obtain a valid value.

CacheKey

The cache key configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
FullUrlCache	String	No	Whether to enable full-path cache. Values: • `on` : Enable full-path cache (i.e., disable Ignore Query String).

			• `off` : Disable full-path cache (i.e., enable Ignore Query String). Note: This field may return null, indicating that no valid values can be obtained.
IgnoreCase	String	No	Whether to ignore case in the cache key. Values: • `on` : Ignore • `off` : Not ignore Note: This field may return null, indicating that no valid values can be obtained.
QueryString	QueryString	No	Request parameter contained in `CacheKey` . Note: This field may return `null` , indicating that no valid values can be obtained.

CacheKeyConfigParameters

The cache key configuration.

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
FullURLCache	String	No	Whether to enable full-path cache. values:. • `On` : enable full-path cache (i.e., disable ignore query string). . • `Off` : disable full-path cache (i.e., enable ignore query string). .
IgnoreCase	String	No	Whether to ignore case in the cache key. values:. • `On` : ignore; . • `Off` : not ignore. .
QueryString	CacheKeyQueryString	No	Query string retention configuration parameter. this field and fullurlcache must be set simultaneously, but cannot both be `on` .

CacheKeyCookie

Custom Cache Key Cookie configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Switch	String	No	Whether to enable feature. values:. • `On` : enable; . • Off: disable. .
Action	String	No	Cache action. values:. • `Full` : retain all . • `ignore` : ignore all; . • `includecustom` : retain specified parameters; . • `excludecustom` : ignore specified parameters. **note**: when `switch` is on, this field is required. when `switch` is off, this field is not required and will not take effect if filled.
Values	Array of String	No	Custom cache key cookie name list. note: this field is required when action is includecustom or excludecustom; when action is full or ignore, this field is not required and will not take effect if filled.

CacheKeyHeader

Custom Cache Key HTTP request header configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Switch	String	No	Whether to enable feature. values:. • `On` : enable; . • Off: disable.

			.
Values	Array of String	No	Custom cache key http request header list. note: this field is required when switch is on; when switch is off, this field is not required and will not take effect if filled.

CacheKeyParameters

Custom Cache Key configuration parameters. The FullURLCache and QueryString parameters are combined. For specific examples, refer to:

- Retain all query strings. Enable ignore case.

```
{
"CacheKey": {
"FullURLCache": "on",
"QueryString": {
"Switch": "off"
},
"IgnoreCase": "on"
}
}
```

- Ignore all query strings. Enable ignore case.

```
{
"CacheKey": {
"FullURLCache": "off",
"QueryString": {
"Switch": "off"
},
"IgnoreCase": "on"
}
}
```

- Retain specified query string parameters. Disable ignore case.

```
{
"CacheKey": {
"FullURLCache": "off",
"QueryString": {
"Switch": "on",
```

```
"Action": "includeCustom",
"Values": ["name1","name2","name3"]
},
"IgnoreCase": "off"
}
}
```

-Query string ignore specified parameters. Disable ignore case.

```
{
"CacheKey": {
"FullURLCache": "off",
"QueryString": {
"Switch": "on",
"Action": "excludeCustom",
"Values": ["name1","name2","name3"]
},
"IgnoreCase": "off"
}
}
```

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
FullURLCache	String	No	Switch for retaining the complete query string. values:. • `On` : enable; . • Off: disable. note: at least one of fullurlcache, ignorecase, header, scheme, or cookie must be configured. this field and querystring.switch must be set simultaneously, but cannot both be on.
QueryString	CacheKeyQueryString	No	Configuration parameter for retaining the query string. this field and fullurlcache must be set simultaneously, but cannot both be on. Note: this field may return null, which indicates a failure to obtain a valid value.
IgnoreCase	String	No	Switch for ignoring case. values:. • `On` : enable; .

			• Off: disable. note: at least one of fullurlcache, ignorecase, header, scheme, or cookie must be configured.
Header	CacheKeyHeader	No	HTTP request header configuration parameters. at least one of the following configurations must be set: fullurlcache, ignorecase, header, scheme, cookie. Note: this field may return null, which indicates a failure to obtain a valid value.
Scheme	String	No	Request protocol switch. valid values:. • `On` : enable; . • Off: disable. note: at least one of fullurlcache, ignorecase, header, scheme, or cookie must be configured.
Cookie	CacheKeyCookie	No	Cookie configuration parameters. at least one of the following configurations must be set: fullurlcache, ignorecase, header, scheme, cookie. Note: this field may return null, which indicates a failure to obtain a valid value.

CacheKeyQueryString

Custom Cache Key query string configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Query string retain/ignore specified parameter switch. valid values are:. • `On` : enable; . • Off: disable. .
Action	String	No	Actions to retain/ignore specified parameters in the query string. values:. • `IncludeCustom` : retain partial parameters. . • `ExcludeCustom` : ignore partial parameters.

			note: this field is required when `switch` is on. when `switch` is off, this field is not required and will not take effect if filled.
Values	Array of String	No	List of parameter names to be retained/ignored in the query string. note: this field is required when `switch` is on. when `switch` is off, this field is not required and will not take effect if filled.

CacheParameters

Node Cache TTL configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
FollowOrigin	FollowOrigin	No	Cache follows origin server. if not specified, this configuration is not set. only one of followorigin, nocache, or customtime can have switch set to on. Note: this field may return null, which indicates a failure to obtain a valid value.
NoCache	NoCache	No	No cache. if not specified, this configuration is not set. only one of followorigin, nocache, or customtime can have switch set to on. Note: this field may return null, which indicates a failure to obtain a valid value.
CustomTime	CustomTime	No	Custom cache time. if not specified, this configuration is not set. only one of followorigin, nocache, or customtime can have switch set to on. Note: this field may return null, which indicates a failure to obtain a valid value.

CachePrefresh

Cache prefresh

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable cache prefresh. Values: • `on` : Enable

			• `off` : Disable
Percent	Integer	No	The cache prefresh percentage. Values: 1-99 Note: This field may return null, indicating that no valid values can be obtained.

CachePrefreshParameters

Cache prefresh configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable cache prefresh. values:. • `On` : enable; . • Off: disable. .
CacheTimePercent	Integer	No	Prefresh interval set as a percentage of the node cache time. value range: 1-99. note: this field is required when switch is on; when switch is off, this field is not required and will not take effect if filled.

CacheTag

The information attached when the node cache purge type is set to purge_cache_tag.

Used by actions: CreatePurgeTask.

Name	Type	Required	Description
Domains	Array of String	Yes	List of domain names to purge cache for.

CertificateInfo

HTTPS server certificate configuration

Used by actions: DescribeAccelerationDomains, ModifyHostsCertificate.

Name	Type	Required	Description
CertId	String	Yes	Certificate ID, which originates from the SSL side. You can check the CertId from the SSL Certificate List.
Alias	String	No	Alias of the certificate.
Type	String	No	Type of the certificate. Values: • `default` : Default certificate • `upload` : Specified certificate • `managed` : Tencent Cloud-managed certificate
ExpireTime	Timestamp ISO8601	No	The certificate expiration time.
DeployTime	Timestamp ISO8601	No	Time when the certificate is deployed.
SignAlgo	String	No	Signature algorithm.
Status	String	No	Status of the certificate. Values: u200c • `deployed` : The deployment has completed u200c • `processing` : Deployment in progress u200c • `applying` : Application in progress u200c • `failed` : Application rejected • `issued` : Binding failed.

CheckRegionHealthStatus

Health status of origin servers in each health check region.

Used by actions: DescribeOriginGroupHealthStatus.

Name	Type	Description
Region	String	Health check region, which is a two-letter code according to ISO-

		3166-1.
Healthy	String	Health status of origin servers in a single health check region. Valid values: • Healthy: healthy. • Unhealthy: unhealthy. • Undetected: no data detected. Note: If all origin servers in a single health check region are healthy, the status is healthy; otherwise, it is unhealthy.
OriginHealthStatus	Array of OriginHealthStatus	Origin server health status.

ClientIPCountryParameters

Location information of the Client IP carried in origin-pull. It is formatted as a two-letter ISO-3166-1 country/region code.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable configuration. values:. • `On` : enable; . • Off: disable. .
HeaderName	String	No	Name of the request header that contains the client ip region. it is valid when `switch=on` . the default value `eo-client-ipcountry` is used when it is not specified.

ClientIPHeaderParameters

The header configuration for storing client request IP.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description

Switch	String	No	Whether to enable configuration. values:. • `On` : enable; . • Off: disable. .
HeaderName	String	No	Name of the request header containing the client ip address for origin-pull. when switch is on, this parameter is required. x-forwarded-for is not allowed for this parameter.

ClientIpCountry

Location information of the client IP carried in origin-pull. It is formatted as a two-letter ISO-3166-1 country/region code.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
HeaderName	String	No	Name of the request header that contains the client IP region. It is valid when `Switch=on` . The default value `EO-Client-IPCountry` is used when it is not specified.

ClientIpHeader

The client IP header configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the configuration. Values: • `on` : Enable • `off` : Disable
HeaderName	String	No	Name of the request header containing the client IP address for origin-

			pull. When Switch is on, this parameter is required. X-Forwarded-For is not allowed for this parameter. Note: This field may return null, which indicates a failure to obtain a valid value.

CnameStatus

CNAME status

Used by actions: CheckCnameStatus.

Name	Type	Description
RecordName	String	The domain name.
Cname	String	The CNAME address. Note: This field may return null, indicating that no valid values can be obtained.
Status	String	The CNAME status. Values: • `active` : Activated • `moved` : Not activated Note: This field may return null, indicating that no valid values can be obtained.

CodeAction

Rule engine action with a status code

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature name. For details, see DescribeRulesSetting API
Parameters	Array of RuleCodeActionParams	Yes	Operation parameter.

Compression

Smart compression configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable smart compression. Values: • `on` : Enable • `off` : Disable
Algorithms	Array of String	No	Compression algorithm. Values: • `brotli` : Brotli algorithm • `gzip` : Gzip algorithm Note: This field may return null, indicating that no valid values can be obtained.

CompressionParameters

Smart compression configuration.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable smart compression. values:. • `On` : enable; . • Off: disable. .
Algorithms	Array of String	No	Supported compression algorithm list. this field is required when switch is on; otherwise, it is not effective. valid values:. • `Brotli` : brotli algorithm; . • `Gzip` : gzip algorithm. .

ConfigGroupVersionInfo

Version information about the configuration group.

Used by actions: DeployConfigGroupVersion, DescribeConfigGroupVersionDetail, DescribeConfigGroupVersions, DescribeDeployHistory, DescribeEnvironments.

Name	Type	Required	Description
VersionId	String	Yes	Version ID.
VersionNumber	String	No	Version No.
GroupId	String	No	Configuraration group ID.
GroupType	String	No	Configuration group type. Valid values: • l7_acceleration: L7 acceleration configuration group. • edge_functions: Edge function configuration group.
Description	String	No	Version description.
Status	String	No	Version status. Valid values: • creating: Being created. • inactive: Not effective. • active: Effective.
CreateTime	Timestamp ISO8601	No	Version creation time. The time format follows the ISO 8601 standard and is represented in Coordinated Universal Time (UTC).

ContentIdentifier

Content identifier. This feature is only available to the allowlist.

Used by actions: DescribeContentIdentifiers.

Name	Type	Description
ContentId	String	Content identifier id.
Description	String	Content identifier description.
ReferenceCount	Integer	Count of citations by the rule engine.
PlanId	String	Bound package id.
Tags	Array of Tag	Bound tags.
Status	String	Content identifier status. valid values:.

		• `Active` : activated . • `Deleted` : deleted .
CreatedOn	Timestamp ISO8601	Creation time, which adopts coordinated universal time (utc) and follows the date and time format of the iso 8601 standard.
ModifiedOn	Timestamp ISO8601	Latest update time, which adopts coordinated universal time (utc) and follows the date and time format of the iso 8601 standard.
DeletedOn	Timestamp ISO8601	Deletion time, which is empty when the status is not `deleted` . the time format follows the iso 8601 standard and is represented in coordinated universal time (utc). Note: this field may return null, which indicates a failure to obtain a valid value.

CurrentOriginACL

Currently effective origin ACLs.

Used by actions: DescribeOriginACL.

Name	Type	Required	Description
EntireAddresses	Addresses	No	IP range details. Note: This field may return null, which indicates a failure to obtain a valid value.
Version	String	No	Version number. Note: This field may return null, which indicates a failure to obtain a valid value.
ActiveTime	String	No	Version effective time in UTC+8, following the date and time format of the ISO 8601 standard. Note: This field may return null, which indicates a failure to obtain a valid value.
IsPlaned	String	No	This parameter is used to record whether "I've upgraded to the lastest verison" is completed before the origin ACLs version is effective. valid values:. - true: specifies that the version is effective and the update to the latest version is confirmed. - false: when the version takes effect, the confirmation of updating to the latest origin ACLs are not completed. The IP

			range is forcibly updated to the latest version in the backend. When this parameter returns false, please confirm in time whether your origin server firewall configuration has been updated to the latest version to avoid origin-pull failure. Note: This field may return null, which indicates a failure to obtain a valid value.

CustomEndpoint

The configuration information of real-time log delivery to a custom HTTP(S) interface

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Url	String	Yes	Address of the custom HTTP API for real-time log shipping. Currently, only HTTP and HTTPS protocols are supported.
AccessId	String	No	Custom SecretId used for generating an encrypted signature. This parameter is required if the origin server needs authentication.
AccessKey	String	No	Custom SecretKey used for generating an encrypted signature. This parameter is required if the origin server needs authentication.
CompressType	String	No	Type of data compression. Valid values: • gzip: gzip compression. If this parameter is not input, compression is disabled.
Protocol	String	No	Type of the application layer protocol used in POST requests for log shipping. Valid values: • http: HTTP protocol; • https: HTTPS protocol. If this parameter is not input, the protocol type is parsed from the URL field.
Headers	Array of Header	No	Custom request header carried in log shipping. For a header carried by default in EdgeOne log pushing, such as Content-Type, the header value you input will overwrite the default value. The header value references a single variable ${batchSize} to obtain the number of log entries included in each POST request.

CustomErrorPage

Custom error code page structure.

Used by actions: DescribeCustomErrorPages.

Name	Type	Description
PageId	String	Custom error page ID.
ZoneId	String	Zone ID.
Name	String	Custom error page name.
ContentType	String	Custom error page type.
Description	String	Custom error page description.
Content	String	Custom error page content.
References	Array of ErrorPageReference	Custom error page reference.

CustomField

The custom log field in a real-time log delivery task.

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Name	String	Yes	Type of the custom log filed, which indicates extracting data from a specified position in HTTP requests and responses. Valid values: • ReqHeader: Extract the value of a specified field from an HTTP request header; • RspHeader: Extract the value of a specified field from an HTTP response header; • Cookie: Extract the value of a specified field from a cookie; • ReqBody: Extract specified content from an HTTP request body using a Google RE2 regular expression. Note: This field may return null, which indicates a failure to obtain a valid value.
Value	String	Yes	Enter the definition of the field value based on the field type (Name). This parameter is case-sensitive.

			• When the field type is ReqHeader, RspHeader, or Cookie, enter the name of the parameter for which you need to extract the value, such as Accept-Language. You can enter 1-100 characters. The name should start with a letter, contain letters, digits, and hyphens (-) in the middle, and end with a letter or digit. • When the field type is ReqBody, enter the Google RE2 regular expression. The maximum length of the regular expression is 4 KB. Note: This field may return null, which indicates a failure to obtain a valid value.
Enabled	Boolean	No	Indicates whether to deliver this field. If not filled in, this field will not be delivered. Note: This field may return null, indicating that no valid values can be obtained.

CustomRule

Custom rule configuration.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	Yes	The custom rule name.
Condition	String	Yes	The specifics of the custom rule, must comply with the expression grammar, please refer to product documentation for details.
Action	SecurityAction	Yes	Action for custom rules. The Name parameter of SecurityAction supports: • `Deny` : block; • `Monitor` : observe; • `ReturnCustomPage` : block with customized page; • `Redirect` : Redirect to URL; • `BlockIP` : IP blocking; • `JSChallenge` : JavaScript challenge; • `ManagedChallenge` : managed challenge; • `Allow` : Allow. .
Enabled	String	Yes	The custom rule status. Values: • `on` : enabled • `off` : disabled

			.
Id	String	No	Custom rule ID. Different rule configuration operations are supported by rule ID : - Add a new rule: ID is empty or the ID parameter is not specified; - Modify an existing rule: specify the rule ID that needs to be updated/modified; - Delete an existing rule: existing rules not included in the Rules parameter will be deleted.
RuleType	String	No	Type of custom rule. Values: • `BasicAccessRule` : basic access control; • `PreciseMatchRule` : exact custom rule, default; • `ManagedAccessRule` : expert customized rule, output parameter only. The default value is PreciseMatchRule.
Priority	Integer	No	Customize the priority of custom rule. Range: 0-100, the default value is 0, this parameter only supports PreciseMatchRule.

CustomRules

Custom rules configuration.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
Rules	Array of CustomRule	No	The custom rule. when modifying the Web protection configuration using ModifySecurityPolicy: - if the Rules parameter is not specified or the parameter length of Rules is zero: clear all custom rule configurations. - if the Rules parameter is not specified: keep the existing custom rule configuration without modification.

CustomTime

Node cache TTL custom cache time parameter configuration.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description

Switch	String	No	Custom cache time switch. values:. • `On` : enable; . • Off: disable. .
IgnoreCacheControl	String	No	Ignore origin server cachecontrol switch. values:. • `On` : enable; . • Off: disable. note: this field is required when `switch` is on. when `switch` is off, this field is not required and will not take effect if filled.
CacheTime	Integer	No	Custom cache time value, unit: seconds. value range: 0-315360000. note: this field is required when switch is on; when switch is off, this field is not required and will not take effect if filled.

CustomizedHeader

Custom header that can be configured for HTTP/HTTPS health check policies under a LoadBalancer.

Used by actions: CreateLoadBalancer, ModifyLoadBalancer.

Name	Type	Required	Description
Key	String	Yes	Custom header key. Note: This field may return null, which indicates a failure to obtain a valid value.
Value	String	Yes	Custom header value. Note: This field may return null, which indicates a failure to obtain a valid value.

DDoS

DDoS mitigation configuration

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable

DDoSAttackEvent

Information of the DDoS attacker

Used by actions: DescribeDDoSAttackEvent.

Name	Type	Description
EventId	String	The event ID.
AttackType	String	The attack type.
AttackStatus	Integer	The attack status.
AttackMaxBandWidth	Integer	The maximum attack bandwidth.
AttackPacketMaxRate	Integer	The peak attack packet rate.
AttackStartTime	Integer	The attack start time recorded in seconds.
AttackEndTime	Integer	The attack end time recorded in seconds.
PolicyId	Integer	The DDoS policy ID. Note: This field may return `null` , indicating that no valid value was found.
ZoneId	String	The site ID. Note: This field may return `null` , indicating that no valid value was found.
Area	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland Note: This field may return `null` , indicating that no valid value was found.
DDoSBlockData	Array of DDoSBlockData	The blocking time of a DDoS attack. Note: This field may return `null` , indicating that no valid

		value was found.

DDoSBlockData

DDoS blocking details

Used by actions: DescribeDDoSAttackEvent.

Name	Type	Description
StartTime	Integer	The start time recorded in UNIX timestamp.
EndTime	Integer	The end time recorded in UNIX timestamp. `0` indicates the blocking is ongoing.
BlockArea	String	The regions blocked.

DDosProtectionConfig

Exclusive DDoS protection specifications configuration applicable to Layer 4 proxy or web site service.

Used by actions: CreateL4Proxy, DescribeL4Proxy.

Name	Type	Required	Description
LevelMainland	String	No	Dedicated anti-DDoS specifications in the Chinese mainland. For details, refer to Dedicated Anti-DDoS Related Fees. • PLATFORM: uses the default protection. Dedicated anti-DDoS is not enabled; • BASE30_MAX300: uses dedicated anti-DDoS, which provides 30 Gbps guaranteed protection bandwidth and up to 300 Gbps elastic protection bandwidth; • BASE60_MAX600: uses dedicated anti-DDoS, which provides 60 Gbps guaranteed protection bandwidth and up to 600 Gbps elastic protection bandwidth. If this field is not specified, the default value 'PLATFORM' will be used.
MaxBandwidthMainland	Integer	No	Configuration of elastic protection bandwidth for exclusive DDoS protection in the Chinese mainland.Valid only when exclusive DDoS protection in the Chinese mainland is enabled (refer to the LevelMainland parameter configuration), and the value has the following limitations:

			• When exclusive DDoS protection is enabled in the Chinese mainland and the 30 Gbps baseline protection bandwidth is used (the LevelMainland parameter value is BASE30_MAX300): the value range is 30 to 300 in Gbps; • When exclusive DDoS protection is enabled in the Chinese mainland and the 60 Gbps baseline protection bandwidth is used (the LevelMainland parameter value is BASE60_MAX600): the value range is 60 to 600 in Gbps; • When the default protection of the platform is used (the LevelMainland parameter value is PLATFORM): configuration is not supported, and the value of this parameter is invalid.
LevelOverseas	String	No	Dedicated anti-DDoS specifications in global regions (excluding the Chinese mainland). • PLATFORM: uses the default protection. Dedicated anti-DDoS is not enabled; • ANYCAST300: uses dedicated anti-DDoS, which provides 300 Gbps protection bandwidth; • ANYCAST_ALLIN: uses dedicated anti-DDoS, which provides all available protection resources. If this field is not specified, the default value 'PLATFORM' will be used.

DefaultServerCertInfo

HTTPS server certificate configuration

Used by actions: DescribeDefaultCertificates.

Name	Type	Required	Description
CertId	String	Yes	ID of the server certificate. Note: This field may return null, indicating that no valid values can be obtained.
Alias	String	No	Alias of the certificate. Note: This field may return null, indicating that no valid values can be obtained.
Type	String	No	Type of the certificate. Values: • `default` : Default certificate; • `upload` : Custom certificate; • `managed` : Tencent Cloud-managed certificate.

			Note: This field may return null, indicating that no valid values can be obtained.
ExpireTime	Timestamp ISO8601	No	Time when the certificate expires. Note: This field may return null, indicating that no valid values can be obtained.
EffectiveTime	Timestamp ISO8601	No	Time when the certificate takes effect. Note: This field may return null, indicating that no valid values can be obtained.
CommonName	String	No	Common name of the certificate. Note: This field may return null, indicating that no valid values can be obtained.
SubjectAltName	Array of String	No	Domain names added to the SAN certificate. Note: This field may return null, indicating that no valid values can be obtained.
Status	String	No	Deployment status. Values: • `processing` : Deployment in progress • `deployed` : Deployed • `failed` : Deployment failed Note: This field may return `null` , indicating that no valid value can be obtained.
Message	String	No	Failure description Note: This field may return null, indicating that no valid values can be obtained.
SignAlgo	String	No	Certificate algorithm. Note: This field may return `null` , indicating that no valid value can be obtained.

DeliveryCondition

Real-time log delivery conditions used to define the scope of log delivery. The relationship between items in a DeliveryCondition array is "or", whereas the relationship between items in an inner Conditions array is "and".

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Conditions	Array of QueryCondition	No	Log filter criteria. The detailed filter criteria are as follows: • EdgeResponseStatusCode: Filter by response status code returned from the EdgeOne node to the client. ?? Supported operators: equal, great, less, great_equal, less_equal ?? Valid values: any integer greater than or equal to 0 • OriginResponseStatusCode: Filter by response status code of the origin server. ?? Supported operators: equal, great, less, great_equal, less_equal. ?? Valid values: any integer greater than or equal to -1 • SecurityAction: Filter by final action after the request matches a security rule. ?? Supported operator: equal ?? Options: ?? -: unknown/not matched ?? Monitor: observation ?? JSChallenge: JavaScript challenge ?? Deny: blocking ?? Allow: allowing ?? BlockIP: IP blocking ?? Redirect: redirection ?? ReturnCustomPage: returning to a custom page ?? ManagedChallenge: managed challenge ?? Silence: silence ?? LongDelay: response after a long delay ?? ShortDelay: response after a short delay • SecurityModule: Filter by name of the security module finally handling the request. ??Supported operator: equal ??Options: ?? -: unknown/not matched ?? CustomRule: Custom Rules in Web Protection ?? RateLimitingCustomRule: Rate Limiting Rules in Web Protection ?? ManagedRule: Managed Rules in Web Protection ?? L7DDoS: CC Attack Defense in Web Protection ?? BotManagement: Bot Basic Management in Bot Management ?? BotClientReputation: Client Reputation Analysis in Bot Management ?? BotBehaviorAnalysis: Bot Intelligent Analysis in Bot Management

			?? BotCustomRule: Custom Bot Rules in Bot Management ?? BotActiveDetection: Active Detection in Bot Management

DeployRecord

Version release record details for the configuration group.

Used by actions: DescribeDeployHistory.

Name	Type	Description
ConfigGroupVersionInfos	Array of ConfigGroupVersionInfo	Details about the released version.
DeployTime	Timestamp ISO8601	Release time. The time format follows the ISO 8601 standard and is represented in Coordinated Universal Time (UTC).
Status	String	Release status. Valid values: • deploying: Being released. • failure: Release failed. • success: Released successfully.
Message	String	Release result information.
RecordId	String	Release record ID. Note: this field may return null, indicating that no valid values can be obtained.
Description	String	Change description.

DetailHost

Domain name configuration information

Used by actions: DescribeHostsSetting.

Name	Type	Description
ZoneId	String	The site ID.
Status	String	The acceleration status. Values: • `process` : In progress

		• `online` : Enabled • `offline` : Disabled
Host	String	The domain name.
ZoneName	String	Name of the site
Cname	String	The assigned CNAME
Id	String	The resource ID.
InstanceId	String	The instance ID.
Lock	Integer	The lock status.
Mode	Integer	The domain name status.
Area	String	The acceleration area of the domain name. Values: • `global` : Global. • `mainland` : Chinese mainland. • `overseas` : Outside the Chinese mainland.
AccelerateType	AccelerateType	The acceleration type configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Https	Https	The HTTPS configuration item. Note: This field may return null, indicating that no valid values can be obtained.
CacheConfig	CacheConfig	The cache configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Origin	Origin	The origin configuration item. Note: This field may return null, indicating that no valid values can be obtained.
SecurityType	SecurityType	The security type. Note: This field may return null, indicating that no valid values can be obtained.
CacheKey	CacheKey	The cache key configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Compression	Compression	The smart compression configuration item. Note: This field may return null, indicating that no valid values can be

		obtained.
Waf	Waf	The WAF protection configuration item. Note: This field may return null, indicating that no valid values can be obtained.
CC	CC	The CC protection configuration item. Note: This field may return null, indicating that no valid values can be obtained.
DDoS	DDoS	DDoS mitigation configuration Note: This field may return null, indicating that no valid values can be obtained.
SmartRouting	SmartRouting	The smart routing configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Ipv6	Ipv6	The IPv6 access configuration item. Note: This field may return null, indicating that no valid values can be obtained.
ClientIpCountry	ClientIpCountry	Whether to carry the location information of the client IP during origin-pull. Note: This field may return `null`, indicating that no valid value can be obtained.

DetectLengthLimitCondition

Length limit detection condition configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	Yes	Parameter name of the matched condition. Values:. • `body_depth`: detection depth of the request body packet part.
Values	Array of String	Yes	Parameter value of the matched condition, used in pairs with the `Name` parameter. When the `Name` value is body_depth, `Values` only support passing in a single value. Values: • `8KB`; • `64KB`; • `128KB`.

DetectLengthLimitConfig

Length limit detection configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
DetectLengthLimitRules	Array of DetectLengthLimitRule	Yes	List of rules that detect length limits.

DetectLengthLimitRule

Length limit detection rule details configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleId	Integer	Yes	Rule Id, output parameter only.
RuleName	String	Yes	Rule name, output parameter only.
Description	String	Yes	Rule description, output parameter only.
Conditions	Array of DetectLengthLimitCondition	Yes	Rule configuration conditions, output parameter only.
Action	String	Yes	Handling method. Values:. • `skip` : when request body data exceeds the detection depth set by `body_depth` in `Conditions` output parameters, skip all request body content detection. . • `scan` : detect at the detection depth set by `body_depth` in the `Conditions` output parameters only. Truncate the excess part of the request body content directly, the excess part of the request body will not go through security detection. Output paramter only.

DiffIPWhitelist

Differences between the newest and existing intermediate IPs

Used by actions: DescribeOriginProtection.

Name	Type	Description
LatestIPWhitelist	IPWhitelist	The latest intermediate IPs.
AddedIPWhitelist	IPWhitelist	The intermediate IPs added to the existing list.
RemovedIPWhitelist	IPWhitelist	The intermediate IPs removed from the existing list.
NoChangeIPWhitelist	IPWhitelist	The intermediate IPs that remain unchanged.

DnsRecord

DNS record

Used by actions: DescribeDnsRecords, ModifyDnsRecords.

Name	Type	Required	Description
ZoneId	String	No	Zone id. note: zoneid is for output parameter use only and cannot be used as an input parameter in modifydnsrecords. if this parameter is passed, it will be ignored.
RecordId	String	No	DNS record id.
Name	String	No	DNS record name.
Type	String	No	DNS record type. valid values are:. • A: point the domain to a public network ipv4 address, such as 8.8.8.8; . • AAAA: point the domain to a public network ipv6 address; . • MX: used for email servers. when there are multiple mx records, the lower the priority, the higher the precedence; . • CNAME: point the domain to another domain name, which will resolve to the final ip address; .

			• TXT: identify and describe the domain, commonly used for domain verification and spf records (anti-spam); . • NS: if you need to delegate the resolution of a subdomain to another dns service provider, you need to add an ns record. ns records cannot be added to the root domain name; . • CAA: specifies the ca that can issue certificates for this site; . • SRV: indicates that a server is using a service, commonly seen in microsoft system directory management. .
Location	String	No	DNS record resolution route, if not specified, defaults to default, indicating the default resolution route, effective in all regions. resolution route configuration only applies when type (dns record type) is a, aaaa, or cname. for valid values, refer to: resolution routes and corresponding code enumeration.
Content	String	No	DNS record content. fill in the corresponding content based on the type value.
TTL	Integer	No	Cache time. value range: 60–86400. the smaller the value, the faster the record modification will take effect globally. unit: seconds.
Weight	Integer	No	DNS record weight. value range: -1–100. a value of -1 means no weight is assigned, and 0 means no parsing. weight configuration is only applicable when type (dns record type) is a, aaaa, or cname.
Priority	Integer	No	MX record priority. value range: 0–50. the smaller the value, the higher the priority.
Status	String	No	DNS record parsing status. valid values are: • enable: takes effect; • disable: disabled. note: status is only used as an output parameter and cannot be used as an input parameter in modifydnsrecords. if this parameter is passed, it will be ignored.
CreatedOn	Timestamp ISO8601	No	Creation time. note: createdon is only used as an output parameter and cannot be used as an input parameter in modifydnsrecords. if this parameter is passed, it will be ignored.
ModifiedOn	Timestamp ISO8601	No	Modification time. note: modifiedon is for output parameter only and cannot be used

			as an input parameter in modifydnsrecords. if this parameter is passed, it will be ignored.

DnsVerification

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
Subdomain	String	The host record.
RecordType	String	The record type.
RecordValue	String	The record value.

DropPageConfig

Block page configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
WafDropPageDetail	DropPageDetail	No	The settings of the block page that applies managed rules. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
AclDropPageDetail	DropPageDetail	No	The settings of the block page that applies custom rules. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.

DropPageDetail

The configuration details of the block page

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
PageId	Integer	Yes	The ID of the block page. Specify `0` to use the default block page. (Disused) If 0 is passed, the default block page will be used.
StatusCode	Integer	Yes	The HTTP status code to trigger the block page. Range: 100-600, excluding 3xx codes. Code 566: Requests blocked by managed rules. Code 567: Requests blocked by web security rules (except managed rules).
Name	String	Yes	The block page file or URL.
Type	String	Yes	Type of the block page. Values: • `page` : Return the specified page.
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Type=page` .

EntityStatus

Status of domain names bound with this template.

Used by actions: DescribeSecurityTemplateBindings.

Name	Type	Description
Entity	String	Instance name. Only subdomain names are supported.
Status	String	Instance configuration status. Values: • `online` : Configuration has taken effect; • `fail` : Configuration failed; • `process` : Configuration is being delivered.
Message	String	Message returned after the operation completed.

EnvInfo

Environment information.

Used by actions: DescribeEnvironments.

Name	Type	Description
EnvId	String	Environment ID.
EnvType	String	Environment type. Valid values: • production: Production environment. • staging: Test environment.
Status	String	Environment status. Valid values: • creating: Being created. • running: The environment is stable, with version changes allowed. • version_deploying: The version is currently being deployed, with no more changes allowed.
Scope	Array of String	Effective scope of the configuration in the current environment. Valid values: • ALL: It takes effect on the entire network when EnvType is set to production. • It returns the IP address of the test node for host binding during testing when EnvType is set to staging.
CurrentConfigGroupVersionInfos	Array of ConfigGroupVersionInfo	For the effective versions of each configuration group in the current environment, there are two possible scenarios based on the value of Status: • When Status is set to version_deploying, the returned value of this field represents the previously effective version. In other words, during the deployment of the new version, the effective version is the one that was in effect before any changes were made. • When Status is set to running, the value returned by this field is the currently effective version.
CreateTime	Timestamp ISO8601	Creation time. The time format follows the ISO 8601 standard and is represented in Coordinated Universal Time (UTC).
UpdateTime	Timestamp ISO8601	Update time. The time format follows the ISO

		8601 standard and is represented in Coordinated Universal Time (UTC).

ErrorPage

Custom error page.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
StatusCode	Integer	Yes	Status code. supported values are 400, 403, 404, 405, 414, 416, 451, 500, 501, 502, 503, 504.
RedirectURL	String	Yes	Redirect url. requires a full redirect path, such as https://www.test.com/error.html.

ErrorPageParameters

Custom error page configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
ErrorPageParams	Array of ErrorPage	No	Custom error page configuration list. Note: this field may return null, which indicates a failure to obtain a valid value.

ErrorPageReference

Custom error page's referenced source

Used by actions: DescribeCustomErrorPages.

Name	Type	Description
BusinessId	String	Referenced business ID, such as the custom block rule ID.

ExceptConfig

Exception rules, which are used to bypass specific rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
ExceptUserRules	Array of ExceptUserRule	No	The settings of the exception rule. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.

ExceptUserRule

The settings of the exception rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleName	String	Yes	The rule name.
Action	String	Yes	The rule action. It only supports the value `skip` , which indicates skipping all managed rules.
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled
RuleID	Integer	No	The rule ID, which is automatically created and only used as an output parameter.
UpdateTime	Timestamp ISO8601	No	The update time. If it is null, the current date and time is recorded. Note: This field may return `null` , indicating that no valid value can be obtained.

ExceptUserRuleConditions	Array of ExceptUserRuleCondition	No	The matching condition. Note: This field may return null, indicating that no valid values can be obtained.
ExceptUserRuleScope	ExceptUserRuleScope	No	The scope to which the exception rule applies. Note: This field may return null, indicating that no valid values can be obtained.
RulePriority	Integer	No	The rule priority. Value range: 0-100. If it is null, it defaults to 0.

ExceptUserRuleCondition

The condition of the exception rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
MatchFrom	String	No	The field to match. Values: • `host` : Request domain name • `sip` : Client IP • `ua` : User-Agent • `cookie` : Cookie • `cgi` : CGI script • `xff` : XFF header • `url` : Request URL • `accept` : Request content type • `method` : Request method • `header` : Request header • `sip_proto` : Network layer protocol
MatchParam	String	No	The parameter of the field. Only when `MatchFrom = header` , the key contained in the header can be passed.
Operator	String	No	The logical operator. Values: • `equal` : String equals • `not_equal` : Value not equals • `include` : String contains • `not_include` : String not contains • `match` : IP matches

			• `not_match` : IP not matches • `include_area` : Regions contain • `is_empty` : Value left empty • `not_exists` : Key fields not exist • `regexp` : Regex matches • `len_gt` : Value greater than • `len_lt` : Value smaller than • `len_eq` : Value equals • `match_prefix` : Prefix matches • `match_suffix` : Suffix matches • `wildcard` : Wildcard
MatchContent	String	No	The value of the parameter.

ExceptUserRuleScope

The scope to which the exception rule applies

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Type	String	No	Exception mode. Values: • `complete` : Skip the exception rule for full requests. • `partial` : Skip the exception rule for partial requests.
Modules	Array of String	No	The module to be activated. Values: • `waf` : Tencent Cloud-managed rules • `rate` : Rate limiting rules • `acl` : Custom rule • `cc` : CC attack defense • `bot` : Bot protection Note: this field may return `null` , indicating that no valid value is obtained.
PartialModules	Array of PartialModule	No	Module settings of the exception rule. If it is null, the settings that were last configured will be used. Note: This field may return `null` , indicating that no valid value can be obtained.
SkipConditions	Array of SkipCondition	No	Condition settings of the exception rule. If it is null, the settings that were last configured will be used.

			Note: This field may return `null`, indicating that no valid value can be obtained.

FailReason

Failure reason

Used by actions: CreatePrefetchTask, CreatePurgeTask.

Name	Type	Description
Reason	String	Failure reason.
Targets	Array of String	List of resources failed to be processed.

FileAscriptionInfo

Verification file, used to verify site ownership

Used by actions: DescribeIdentifications, IdentifyZone.

Name	Type	Description
IdentifyPath	String	Directory of the verification file.
IdentifyContent	String	Content of the verification file.

FileVerification

Information required for verifying via a file. It's applicable to sites connected via CNAMEs.

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
Path	String	EdgeOne obtains the file verification information in the format of "Scheme + Host + URL Path", (e.g. https://www.example.com/.well-known/teo-verification/z12h416twn.txt). This field is the URL path section of the URL you need to create.
Content	String	Content of the verification file. The contents of this field need to be filled into the text file returned by `Path`.

Filter

Key-value pair filters for conditional filtering queries, such as filtering ID, name, and status.
If more than one filter exists, the logical relationship between these filters is `AND` .
If multiple values exist in one filter, the logical relationship between these values under the same filter is `OR` .

Used by actions: DescribeApplicationProxies, DescribeDefaultCertificates, DescribeFunctionRules, DescribeFunctions, DescribeHostsSetting, DescribeIdentifications, DescribeL4Proxy, DescribeL4ProxyRules, DescribeL7AccRules, DescribeLoadBalancerList, DescribeOriginProtection, DescribeRules.

Name	Type	Required	Description
Name	String	Yes	Fields to be filtered.
Values	Array of String	Yes	Value of the filtered field.

FirstPartConfig

The configuration to detect slow attacks based on the transfer period the first 8 KB of requests

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable Note: This field may return `null` , indicating that no valid value can be obtained.
StatTime	Integer	No	The transfer period threshold of the first 8 KB. If the threshold is reached, it's considered a slow attack. Default: `5` . Note: This field may return `null` , indicating that no valid value can be obtained.

FollowOrigin

Following origin server configuration for caching.

Used by actions: CreateL7AccRules, DescribeHostsSetting, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the configuration of following the origin server. Valid values: • `on` : Enable • `off` : Disable
DefaultCache	String	No	Whether to cache when an origin server does not return the cache-control header. this field is required when switch is on; when switch is off, this field is not required and will be ineffective if filled. valid values:. • On: cache; . • Off: do not cache. .
DefaultCacheStrategy	String	No	Whether to use the default caching policy when an origin server does not return the cache-control header. this field is required when defaultcache is set to on; otherwise, it is ineffective. when defaultcachetime is not 0, this field should be off. valid values:. • On: use the default caching policy. . • Off: do not use the default caching policy. .
DefaultCacheTime	Integer	No	The default cache time in seconds when an origin server does not return the cache-control header. the value ranges from 0 to 315360000. this field is required when defaultcache is set to on; otherwise, it is ineffective. when defaultcachestrategy is on, this field should be 0.

ForceRedirect

Forced HTTPS redirect configuration for access protocols.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable force HTTPS redirect. Values:

			• `on` : Enable • `off` : Disable
RedirectStatusCode	Integer	No	Redirect status code. Values: • `301` : 301 redirect • `302` : 302 redirect Note: This field may return null, indicating that no valid values can be obtained.

ForceRedirectHTTPSParameters

Forced HTTPS redirect configuration for access protocols.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable forced redirect configuration switch. values:. • `On` : enable; . • Off: disable. .
RedirectStatusCode	Integer	No	Redirection status code. this field is required when switch is on; otherwise, it is not effective. valid values are:. • `301` : 301 redirect; . • `302` : 302 redirect. .

Function

Details of an edge function.

Used by actions: DescribeFunctions.

Name	Type	Description
FunctionId	String	Function ID.

ZoneId	String	Zone ID.
Name	String	Function name.
Remark	String	Function description.
Content	String	Function content.
Domain	String	Default domain name of a function.
CreateTime	String	Creation time, which adopts Coordinated Universal Time (UTC) and follows the date and time format of the ISO 8601 standard.
UpdateTime	String	Modification time, which adopts Coordinated Universal Time (UTC) and follows the date and time format of the ISO 8601 standard.

FunctionEnvironmentVariable

Environment variables of an edge function

Used by actions: DescribeFunctionRuntimeEnvironment, HandleFunctionRuntimeEnvironment.

Name	Type	Required	Description
Key	String	Yes	Variable name, which should be unique and can only contain uppercase and lowercase letters, digits, and special characters including at signs (@), periods (.), hyphens (-), and underscores (_). Its maximum size is 64 bytes.
Value	String	No	Variable value. Its maximum size is 5000 bytes. The default value is empty.
Type	String	No	Variable type. Valid values: • string: string type; • json: JSON object type. Default value: string.

FunctionRule

Trigger rules for an edge function

Used by actions: DescribeFunctionRules.

Name	Type	Description
RuleId	String	Rule ID.

FunctionRuleConditions	Array of FunctionRuleCondition	Rule condition list. There is an OR relationship between items in the list.
FunctionId	String	Function ID, specifying a function executed when a trigger rule condition is met.
Remark	String	Rule description.
FunctionName	String	Function name.
Priority	Integer	Priority of a trigger rule for a function. The larger the value, the higher the priority.
CreateTime	Timestamp ISO8601	Creation time, which adopts Coordinated Universal Time (UTC) and follows the date and time format of the ISO 8601 standard.
UpdateTime	Timestamp ISO8601	Update time, which adopts Coordinated Universal Time (UTC) and follows the date and time format of the ISO 8601 standard.

FunctionRuleCondition

Condition of a trigger rule for an edge function.

Used by actions: CreateFunctionRule, DescribeFunctionRules, ModifyFunctionRule.

Name	Type	Required	Description
RuleConditions	Array of RuleCondition	Yes	Condition of a trigger rule for an edge function. This condition is considered met if all items in the list are met.

Grpc

Configuration of gRPC support

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable gRPC support. Valid values: • `on` : Enable; • `off` : Disable.

GrpcParameters

gRPC configuration item.

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable grpc. values:. • `On` : enable; . • Off: disable. .

HSTSParameters

HSTS configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable hsts. values:. • `On` : enable; . • Off: disable. .
Timeout	Integer	No	Cache hsts header time, unit: seconds. value range: 1-31536000. note: this field is required when switch is on; when switch is off, this field is not required and will not take effect if filled.
IncludeSubDomains	String	No	Whether to allow other subdomains to inherit the same hsts header. values:. • On: allows other subdomains to inherit the same hsts header. .

			• Off: does not allow other subdomains to inherit the same hsts header. note: when switch is on, this field is required; when switch is off, this field is not required and will not take effect if filled.
Preload	String	No	Whether to allow the browser to preload the hsts header. valid values:. • On: allows the browser to preload the hsts header. . • Off: does not allow the browser to preload the hsts header. note: when switch is on, this field is required; when switch is off, this field is not required and will not take effect if filled.

HTTP2Parameters

HTTP2 integration configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable http2 access. values:. • `On` : enable; . • Off: disable. .

HTTPResponseParameters

HTTP response configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
StatusCode	Integer	No	Response status code. supports 2xx, 4xx, 5xx, excluding 499, 514, 101, 301, 302, 303, 509, 520-599.
ResponsePage	String	No	Response page id.

HTTPUpstreamTimeoutParameters

Layer-7 origin-pull timeout configuration.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
ResponseTimeout	Integer	No	HTTP response timeout in seconds. value range: 5–600.

Header

HTTP header, used as input for the CreatePrefetchTask API

Used by actions: CreatePrefetchTask, CreateRealtimeLogDeliveryTask, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Name	String	Yes	HTTP header name.
Value	String	Yes	HTTP header value

HeaderAction

HTTP header setting rules.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Action	String	Yes	HTTP header setting methods. valid values are:. • `Set` : sets a value for an existing header parameter; . • `Del` : deletes a header parameter; . • `Add` : adds a header parameter. .
Name	String	Yes	HTTP header name.
Value	String	No	HTTP header value. this parameter is required when the action is set to `set` or `add` ; it is optional when the action is set to `del` .

HealthChecker

LoadBalancer health check policy.

Used by actions: CreateLoadBalancer, DescribeLoadBalancerList, ModifyLoadBalancer.

Name	Type	Required	Description
Type	String	Yes	Health check policy. Valid values: • HTTP. • HTTPS. • TCP. • UDP. • ICMP Ping. • NoCheck. Note: NoCheck means the health check policy is not enabled.
Port	Integer	No	Check port, which is required when Type = HTTP, Type = HTTPS, Type = TCP, or Type = UDP.
Interval	Integer	No	Check frequency, in seconds. It indicates how often a health check task is initiated. Valid values: 30, 60, 180, 300, 600.
Timeout	Integer	No	Timeout for each health check, in seconds. If the health check time exceeds this value, the check result is determined as "unhealthy". The default value is 5s, and the value should be less than Interval.
HealthThreshold	Integer	No	Healthy state threshold, in the number of times. It indicates that if the consecutive health check results are "healthy" for a certain number of times, an origin server is considered "healthy". The default value is 3 times, with the minimum value of 1 time.
CriticalThreshold	Integer	No	Unhealthy state threshold, in the number of times. It indicates that if the consecutive health check results are "unhealthy" for a certain number of times, an origin server is considered "unhealthy". The default value is 2 times.
Path	String	No	Probe path. This parameter is valid only when Type = HTTP or Type = HTTPS. It needs to include the

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			complete host/path and should not contain a protocol, for example, www.example.com/test.
Method	String	No	Request method. This parameter is valid only when Type = HTTP or Type = HTTPS. Valid values: • GET. • HEAD.
ExpectedCodes	Array of String	No	The status codes used to determine that the probe result is healthy when the probe node initiates a health check to an origin server. This parameter is valid only when Type = HTTP or Type = HTTPS.
Headers	Array of CustomizedHeader	No	The custom HTTP request header carried by a probe request, with a maximum value of 10. This parameter is valid only when Type = HTTP or Type = HTTPS.
FollowRedirect	String	No	Whether to follow 301/302 redirect. When enabled, 301/302 is considered a "healthy" status code, redirecting 3 times by default. This parameter is valid only when Type = HTTP or Type = HTTPS.
SendContext	String	No	The content sent by a health check. Only ASCII visible characters are allowed, with up to 500 characters. This parameter is valid only when Type = UDP.
RecvContext	String	No	The expected return result from an origin server during health check. Only ASCII visible characters are allowed, with up to 500 characters. This parameter is valid only when Type = UDP.

HostHeaderParameters

Host Header Rewrite configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Action	String	No	Action to be executed. values:. • FollowOrigin: follow origin server domain name; . • `Custom` : custom .

ServerName	String	No	Host header rewrite requires a complete domain name. note: this field is required when switch is on; when switch is off, this field is not required and any value will be ignored.

HostName

Access URL redirect HostName configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Action	String	No	Target hostname configuration, valid values are:. • `Follow` : follow the request; . • `Custom` : custom .
Value	String	No	Custom value for target hostname, maximum length is 1024. note: when action is custom, this field is required; when action is follow, this field is not effective.

Hsts

HSTS configuration

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the configuration. Values: • `on` : Enable • `off` : Disable
MaxAge	Integer	No	MaxAge (in seconds). The maximum value is 1 day. Note: This field may return `null` , indicating that no valid values can be obtained.
IncludeSubDomains	String	No	Whether to contain subdomain names. Values: • `on` : Enable • `off` : Disable

			Note: This field may return null, indicating that no valid values can be obtained.
Preload	String	No	Whether to enable preloading. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.

Https

Domain name HTTPS acceleration configuration. This is disabled by default.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Http2	String	No	Whether to enable HTTP2. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
OcspStapling	String	No	Whether to enable OCSP. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
TlsVersion	Array of String	No	TLS version. Valid values: • `TLSv1` : TLSv1 version; • `TLSV1.1` : TLSv1.1 version; • `TLSV1.2` : TLSv1.2 version; • `TLSv1.3` : TLSv1.3 version. Only consecutive versions can be enabled at the same time. Note: This field may return `null` , indicating that no valid values can be obtained.
Hsts	Hsts	No	HSTS Configuration Note: This field may return null, indicating that no valid values

			can be obtained.
CertInfo	Array of ServerCertInfo	No	The certificate configuration. Note: This field may return null, indicating that no valid values can be obtained.
ApplyType	String	No	Whether the certificate is managed by EdgeOne. Values: • `apply` : Managed by EdgeOne. • `none` : Not managed by EdgeOne. If it is left empty, the default value `none` is used. Note: This field may return `null` , indicating that no valid value can be obtained.
CipherSuite	String	No	The cipher suite, with values: • loose-v2023: Provides high compatibility with general security, and supports TLS 1.0-1.3 cipher suites; • general-v2023: Provides relatively high compatibility with moderate security, and supports TLS 1.2-1.3 cipher suites; • strict-v2023: Provides high security, disables all cipher suites with security risks, and supports TLS 1.2-1.3 cipher suites. Note: This field may return null, which indicates a failure to obtain a valid value.

IPGroup

IP range group

Used by actions: CreateSecurityIPGroup, DescribeSecurityIPGroup, DescribeSecurityIPGroupInfo, ModifySecurityIPGroup.

Name	Type	Required	Description
GroupId	Integer	Yes	Group ID. Enter `0` .
Name	String	Yes	Group name.
Content	Array of String	Yes	IP group content. Only supports IP and IP mask.

IPRegionInfo

IP location information query

Used by actions: DescribeIPRegion.

Name	Type	Description
IP	String	IP address, IPV4 or IPV6.
IsEdgeOneIP	String	Whether the IP belongs to an EdgeOne node. Valid values: • yes: This IP belongs to an EdgeOne node; • no: This IP does not belong to an EdgeOne node.

IPWhitelist

Intermediate IPs

Used by actions: DescribeOriginProtection.

Name	Type	Description
IPv4	Array of String	List of IPv4 addresses
IPv6	Array of String	List of IPv6 addresses

IPv6Parameters

IPv6 access configuration.

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable ipv6 access functionality. valid values:. • `On` : enable ipv6 access; . • `Off` : disable ipv6 access feature. .

Identification

The site verification information

Used by actions: DescribeIdentifications.

Name	Type	Description
ZoneName	String	The site name.
Domain	String	The subdomain name to be verified. To verify the ownership of a site, leave it blank. Note: This field may return `null` , indicating that no valid values can be obtained.
Status	String	The verification status. Values: • `pending` : The verification is ongoing. • `finished` : The verification completed.
Ascription	AscriptionInfo	Details of the DNS record.
OriginalNameServers	Array of String	The NS record of the domain name. Note: This field may return null, indicating that no valid values can be obtained.
FileAscription	FileAscriptionInfo	Details of the verification file.

ImageOptimize

Image optimization configuration.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable

IntelligenceRule

Bot intelligence rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description

Switch	String	No	Switch. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
IntelligenceRuleItems	Array of IntelligenceRuleItem	No	Items in a bot intelligence rule Note: This field may return null, indicating that no valid values can be obtained.

IntelligenceRuleItem

Bot intelligence rule items

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Label	String	Yes	The tag to categorize bots. Values: • `evil_bot` : Malicious bot • `suspect_bot` : Suspected bot • `good_bot` : Good bot • `normal` : Normal request
Action	String	Yes	The action taken on bots. Values • `drop` : Block • `trans` : Allow • `alg` : JavaScript challenge • `captcha` : Managed challenge • `monitor` : Observe

IpTableConfig

IP/Region blocklist/allowlist configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable

			• `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
IpTableRules	Array of IpTableRule	No	The settings of the basic access control rule. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.

IpTableRule

IP blocklist/allowlist rule details

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Action	String	Yes	The action. Values: • `drop` : Block • `trans` : Allow • `monitor` : Observe
MatchFrom	String	Yes	The matching dimension. Values: • `ip` : Match by IP. • `area` : Match by IP region.
Operator	String	No	Matching method. It defaults to `equal` if it's left empty. Values: • `is_empty` : The field is empty. • `not_exists` : The configuration item does not exist. • `include` : Include • `not_include` : Do not include • `equal` : Equal to • `not_equal` : Not equal to Note: This field may return null, indicating that no valid values can be obtained.
RuleID	Integer	No	The rule ID, which is only used as an output parameter.
UpdateTime	Timestamp ISO8601	No	The update time, which is only used as an output parameter.

Status	String	No	The rule status. A null value indicates that the rule is enabled. Values: • `on` : Enabled • `off` : Disabled Note: This field may return null, indicating that no valid values can be obtained.
RuleName	String	No	The rule name. Note: This field may return null, indicating that no valid values can be obtained.
MatchContent	String	No	Matching content. It's not required when `Operator` is `is_emty` or `not_exists` .

Ipv6

The IPv6 access configuration.

Used by actions: CreateApplicationProxy, DescribeApplicationProxies, DescribeHostsSetting, DescribeZoneSetting, ModifyApplicationProxy, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable IPv6 access. Valid values: • `on` : Enable; • `off` : Disable.

JITVideoProcess

Just-in-time media processing configuration.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Just-in-time media processing configuration switch. Valid values: • on: Enable. • off: Disable.

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L4OfflineLog

The L7 log details

Used by actions: DownloadL4Logs.

Name	Type	Description
ProxyId	String	L4 proxy instance ID.
Area	String	Log query area. Valid values: • `mainland` : Chinese mainland; • `overseas` : Global (outside the Chinese mainland).
LogPacketName	String	Log packet name.
Url	String	Log download address.
LogTime	Integer	(Disused) Log packaging time.
LogStartTime	Timestamp ISO8601	Start time of log packaging.
LogEndTime	Timestamp ISO8601	End time of the log package.
Size	Integer	Log size (in bytes).

L4Proxy

Layer 4 proxy instance.

Used by actions: DescribeL4Proxy.

Name	Type	Required	Description
ZoneId	String	No	Zone ID.
ProxyId	String	No	Layer 4 proxy instance ID.
ProxyName	String	No	Layer 4 proxy instance name.
Area	String	No	Acceleration zone of the Layer 4 proxy instance. • mainland: Availability zone in the Chinese mainland;

			• overseas: Global availability zone (excluding the Chinese mainland); • global: Global availability zone.
Cname	String	No	Access via CNAME.
Ips	Array of String	No	After the fixed IP address is enabled, this value will return the corresponding access IP address; if it is not enabled, this value will be empty.
Status	String	No	Status of the Layer 4 proxy instance. • online: Enabled; • offline: Disabled; • progress: Deploying; • stopping: Disabling; • banned: Blocked; • fail: Failed to deploy or disable.
Ipv6	String	No	Specifies whether to enable IPv6 access. • on: Enable; • off: Disable.
StaticIp	String	No	Specifies whether to enable the fixed IP address. • on: Enable; • off: Disable.
AccelerateMainland	String	No	Specifies whether to enable network optimization in the Chinese mainland. • on: Enable • off: Disable
DDosProtectionConfig	DDosProtectionConfig	No	Security protection configuration. Note: This field may return null, indicating that no valid value can be obtained.
L4ProxyRuleCount	Integer	No	Number of forwarding rules under the Layer 4 proxy instance.
UpdateTime	Timestamp ISO8601	No	Latest modification time.

L4ProxyRemoteAuth

L4 remote authentication information.

Used by actions: CreateL4ProxyRules, DescribeL4ProxyRules, ModifyL4ProxyRules.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable L4 remote authentication. Valid values: • on: Enable; • off: Disable.
Address	String	Yes	Remote authentication service address, in the format of domain/ip:port, such as example.auth.com:8888.
ServerFaultyBehavior	String	Yes	Default origin-pull behavior based on L4 forwarding rules after the remote authentication service is disabled. Valid values: • reject: Block and deny access; • allow: Allow access.

L4ProxyRule

Details of Layer 4 proxy forwarding rules.

Used by actions: CreateL4ProxyRules, DescribeL4ProxyRules, ModifyL4ProxyRules.

Name	Type	Required	Description
RuleId	String	No	Forwarding rule ID. Note: Do not fill in this parameter when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it must be filled in when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules.
Protocol	String	No	Forwarding protocol. Valid values: • TCP: TCP protocol; • UDP: UDP protocol. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.

PortRange	Array of String	No	Forwarding port, which can be set as follows: • A single port, such as 80; • A range of ports, such as 81-85, representing ports 81, 82, 83, 84, 85. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
OriginType	String	No	Origin server type. Valid values: • IP_DOMAIN: IP/Domain name origin server; • ORIGIN_GROUP: Origin server group; • LB: Cloud Load Balancer, currently only open to the allowlist. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
OriginValue	Array of String	No	Origin server address. • When OriginType is set to IP_DOMAIN, enter the IP address or domain name, such as 8.8.8.8 or test.com; • When OriginType is set to ORIGIN_GROUP, enter the origin server group ID, such as og-537y24vf5b41; • When OriginType is set to LB, enter the Cloud Load Balancer instance ID, such as lb-2qwk30xf7s9g. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an

			input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
OriginPortRange	String	No	Origin server port, which can be set as follows: • A single port, such as 80; • A range of ports, such as 81-85, representing ports 81, 82, 83, 84, 85. When inputting a range of ports, ensure that the length corresponds with that of the forwarding port range. For example, if the forwarding port range is 80-90, this port range should be 90-100. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
ClientIPPassThroughMode	String	No	Transmission of the client IP address. Valid values: • TOA: Available only when Protocol=TCP; • PPV1: Transmission via Proxy Protocol V1. Available only when Protocol=TCP; • PPV2: Transmission via Proxy Protocol V2; • SPP: Transmission via Simple Proxy Protocol. Available only when Protocol=UDP; • OFF: No transmission. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules, and if not specified, the default value OFF will be used; it is optional when L4ProxyRule is used as an input parameter in

			ModifyL4ProxyRules. If not specified, it will retain its existing value.
SessionPersist	String	No	Specifies whether to enable session persistence. Valid values: • on: Enable; • off: Disable. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules, and if not specified, the default value off will be used; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
SessionPersistTime	Integer	No	Session persistence period, with a range of 30-3600, measured in seconds. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules. It is valid only when SessionPersist is set to on and defaults to 3600 if not specified. It is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
RuleTag	String	No	Rule tag. Accepts 1-50 arbitrary characters. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
Status	String	No	Rule status. Valid values: • online: Enabled; • offline: Disabled; • progress: Deploying; • stopping: Disabling; • fail: Failed to deploy or disable.

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			Note: Do not set this parameter when L4ProxyRule is used as an input parameter in CreateL4ProxyRules and ModifyL4ProxyRules.
BuId	String	No	BuID.
RemoteAuth	L4ProxyRemoteAuth	No	Remote authentication information. Note: RemoteAuth cannot be used as an input parameter in CreateL4ProxyRules or ModifyL4ProxyRules. If this parameter is input, it will be ignored. If the returned data of DescribeL4ProxyRules is empty, it indicates that remote authentication is disabled. Note: This field may return null, which indicates a failure to obtain a valid value.

L7OfflineLog

Details of L7 logs.

Used by actions: DownloadL7Logs.

Name	Type	Description
Domain	String	Log domain name.
Area	String	Log query area. Valid values: • `mainland` : Chinese mainland; • `overseas` : Global (outside the Chinese mainland).
LogPacketName	String	Log packet name.
Url	String	Log download address.
LogTime	Integer	(Disused) Log packaging time.
LogStartTime	Timestamp ISO8601	Start time of log packaging.
LogEndTime	Timestamp ISO8601	End time of the log package.
Size	Integer	Original log size (in bytes).

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LoadBalancer

LoadBalancer information.

Used by actions: DescribeLoadBalancerList.

Name	Type	Description
InstanceId	String	LoadBalancer ID.
Name	String	LoadBalancer name, which can contain 1 to 200 characters, including a-z, A-Z, 0-9, underscores (_), and hyphens (-).
Type	String	LoadBalancer type. Valid values: • HTTP: HTTP-specific LoadBalancer. It supports adding HTTP-specific and general origin server groups. It can only be referenced by site acceleration services (such as domain name service and rule engine). • GENERAL: general LoadBalancer. It only supports adding general origin server groups. It can be referenced by site acceleration services (such as domain name service and rule engine) and Layer-4 proxy.
HealthChecker	HealthChecker	Health check policy. For details, refer to Health Check Policies.
SteeringPolicy	String	Traffic scheduling policy among origin server groups. Valid values: • Priority: Perform failover according to priority.
FailoverPolicy	String	Request retry policy when access to an origin server fails. For details, refer to Introduction to Request Retry Strategy. Valid values: • OtherOriginGroup: After a single request fails, retry with another origin server within the next lower priority origin server group. • OtherRecordInOriginGroup: After a single request fails, retry with another origin server within the same origin server group.
OriginGroupHealthStatus	Array of OriginGroupHealthStatus	Origin server group health status.

Status	String	LoadBalancer status. Valid values: • Pending: deploying. • Deleting: deleting. • Running: effective.
L4UsedList	Array of String	List of Layer-4 proxy instances bound to a LoadBalancer.
L7UsedList	Array of String	List of Layer-7 domain names bound to a LoadBalancer.

LogFormat

Output format for real-time log delivery. You can directly use the specified predefined log output format (JSON Lines / csv) through the FormatType parameter, or define a variant output format through additional parameters based on the predefined log output format.

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
FormatType	String	Yes	Predefined output format for log shipping. Valid values: • json: Use JSON Lines as the predefined log output format. In each log entry, fields are displayed as key-value pairs. • csv: Use the predefined log output format csv, where each log entry only is presented as field values only, excluding field names.
BatchPrefix	String	No	A string added before each log delivery batch. Each log delivery batch may contain multiple log records.
BatchSuffix	String	No	A string appended after each log delivery batch.
RecordPrefix	String	No	A string added before each log record.
RecordSuffix	String	No	A string appended after each log record.
RecordDelimiter	String	No	A string inserted between log records as a separator. Valid values: • \n: line break; • \t: tab character; • ,: Half-width comma.
FieldDelimiter	String	No	A string inserted between fields as a separator within a single log record. Valid values: • \t: tab character;

			• ,: half-width comma; • ;: Half-width semicolon.

ManagedRuleAction

Action for specific RuleId.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
RuleId	String	Yes	Specific items under ManagedRuleGroup, used to rewrite the configuration of this individual rule item, refer to product documentation for details.
Action	SecurityAction	Yes	Action for the managed rule item specified by RuleId, the SecurityAction Name parameter supports: • `Deny` : block and respond with an block page; • `Monitor` : observe, do not process the request and record the security event in logs; • `Disabled` : disabled, do not scan the request and skip this rule. .

ManagedRuleAutoUpdate

Managed rule automatic update option.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
AutoUpdateToLatestVersion	String	Yes	Enable automatic update to the latest version or not. Values: • `on` : enabled • `off` : disabled .
RulesetVersion	String	No	Current version, compliant with ISO 8601 standard format, such as 2023-12-21T12:00:32Z, empty by default, output parameter only.

ManagedRuleDetail

Managed rule detail.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
RuleId	String	No	Managed rule Id.
RiskLevel	String	No	Protection level of managed rules. Values: • `low` : low risk, this rule has a relatively low risk and is applicable to very strict access scenarios, this level of rule may generate considerable false alarms. • `medium` : medium risk, this means the risk of this rule is normal and is suitable for protection scenarios with stricter requirements. • `high` : high risk, this indicates that the risk of this rule is relatively high and will not generate false alarms in most scenarios. • `extreme` : ultra-high risk. this represents that the risk of this rule is extremely high and will not generate false alarms basically. .
Description	String	No	Rule description.
Tags	Array of String	No	Rule tag. Some types of rules do not have tags.
RuleVersion	String	No	Rule version.

ManagedRuleGroup

Managed rule group configuration.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
GroupId	String	Yes	Name of the managed rule group, if the configuration for the rule group is not specified, it will be processed by default, refer to product documentation for the specific value of GroupId.
SensitivityLevel	String	Yes	Protection level of the managed rule group.

			Values: • `loose` : lenient, only contain ultra-high risk rules, at this point, Action parameter needs configured instead of RuleActions parameter; • `normal` : normal, contain ultra-high risk and high-risk rules, at this point,Action parameter needs configured instead of RuleActions parameter; • `strict` : strict, contains ultra-high risk, high-risk and medium-risk rules, at this point, Action parameter needs configured instead of RuleActions parameter; • `extreme` : super strict, contains ultra-high risk, high-risk, medium-risk and low-risk rules, at this point, Action parameter needs configured instead of RuleActions parameter; • `custom` : custom, refined strategy, configure the RuleActions parameter for each individual rule, at this point, the Action field is invalid, use RuleActions to configure the refined strategy for each individual rule. .
Action	SecurityAction	Yes	Action for ManagedRuleGroup. the Name parameter value of SecurityAction supports: • `Deny` : block and respond with a block page; • `Monitor` : observe, do not process requests and record security events in logs; • `Disabled` : not enabled, do not scan requests and skip this rule. .
RuleActions	Array of ManagedRuleAction	No	Specific configuration of rule items under the managed rule group, valid only when SensitivityLevel is custom.
MetaData	ManagedRuleGroupMeta	No	ManagedRuleGroup detailed information, output parameter only.

ManagedRuleGroupMeta

Managed rule group meta information.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
GroupDetail	String	No	ManagedRuleGroup detailed information, output parameter only.
GroupName	String	No	ManagedRuleGroup name, output parameter only.
RuleDetails	Array of ManagedRuleDetail	No	All sub-rules information under current ManagedRuleGroup, output parameter only.

ManagedRules

Managed rules configuration.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
Enabled	String	Yes	The managed rule status. Values: • `on` : enabled, all managed rules take effect as configured; • `off` : disabled, all managed rules do not take effect. .
DetectionOnly	String	Yes	Evaluation mode is enabled or not, it is valid only when the `Enabled` parameter is set to `on` . Values: • `on` : enabled, all managed rules take effect in `observe` mode. • off: disabled, all managed rules take effect according to the specified configuration. .
SemanticAnalysis	String	No	Managed rule semantic analysis is enabled or not, it is valid only when the `Enabled` parameter is `on` . Values: • `on` : enabled, perform semantic analysis before processing requests; • `off` : disabled, process requests directly without semantic analysis.

			The default value is `off` .
AutoUpdate	ManagedRuleAutoUpdate	No	Managed rule automatic update option.
ManagedRuleGroups	Array of ManagedRuleGroup	No	Configuration of the managed rule group. If this structure is passed as an empty array or the GroupId is not included in the array, it will be processed based by default.

MaxAge

Browser cache rule configuration, which is used to set the default value of `MaxAge` and is disabled by default.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
FollowOrigin	String	No	Whether to follow the origin server. Values: • `on` : Follow the origin server and ignore the field MaxAgeTime; • `off` : Do not follow the origin server and apply the field MaxAgeTime.
MaxAgeTime	Integer	No	Specifies the maximum amount of time (in seconds). The maximum value is 365 days. Note: The value `0` means not to cache.

MaxAgeParameters

Browser Cache TTL configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
FollowOrigin	String	No	Specifies whether to follow the origin server cache-control configuration, with the following values:. • `On` : follow the origin server and ignore the field cachetime; .

			• `Off` : do not follow the origin server and apply the field cachetime. .
CacheTime	Integer	No	Custom cache time value, unit: seconds. value range: 0-315360000. note: when followorigin is off, it means not following the origin server and using cachetime to set the cache time; otherwise, this field will not take effect.

ModifyOriginParameters

Modifying origin server configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
OriginType	String	No	The origin type. values:. • IPDomain: ipv4, ipv6, or domain name type origin server; . • OriginGroup: origin server group type origin server; . • LoadBalance: cloud load balancer (clb), this feature is in beta test. to use it, please submit a ticket or contact smart customer service; . • COS: tencent cloud COS origin server; . • AWSS3: all object storage origin servers that support the aws s3 protocol. .
Origin	String	No	Origin server address, which varies according to the value of origintype:. • When origintype = ipdomain, fill in an ipv4 address, an ipv6 address, or a domain name; . • When origintype = cos, please fill in the access domain name of the cos bucket; .

			• When origintype = awss3, fill in the access domain name of the s3 bucket; . • When origintype = origingroup, fill in the origin server group id; . • When origintype = loadbalance, fill in the cloud load balancer instance id. this feature is currently only available to the allowlist. .
OriginProtocol	String	No	Origin-Pull protocol configuration. this parameter is required when origintype is ipdomain, origingroup, or loadbalance. valid values are:. • Http: use http protocol; . • Https: use https protocol; . • Follow: follow the protocol. .
HTTPOriginPort	Integer	No	Ports for http origin-pull requests. value range: 1-65535. this parameter takes effect only when the origin-pull protocol originprotocol is http or follow.
HTTPSOriginPort	Integer	No	Ports for https origin-pull requests. value range: 1-65535. this parameter takes effect only when the origin-pull protocol originprotocol is https or follow.
PrivateAccess	String	No	Whether access to the private object storage origin server is allowed. this parameter is valid only when the origin server type origintype is COS or awss3. valid values:. • On: enable private authentication; . • Off: disable private authentication. if not specified, the default value is off.
PrivateParameters	OriginPrivateParameters	No	Private authentication parameter. this parameter is valid only when origintype = awss3 and privateaccess = on. Note: this field may return null, which indicates a failure to obtain a valid value.

ModifyRequestHeaderParameters

Modify HTTP request header configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
HeaderActions	Array of HeaderAction	No	List of http header setting rules. Note: this field may return null, which indicates a failure to obtain a valid value.

ModifyResponseHeaderParameters

Modify HTTP node response header configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
HeaderActions	Array of HeaderAction	No	HTTP origin-pull header rules list. Note: this field may return null, which indicates a failure to obtain a valid value.

MutualTLS

Used by actions: DescribeAccelerationDomains, ModifyHostsCertificate.

Name	Type	Required	Description
Switch	String	Yes	
CertInfos	Array of CertificateInfo	No	Mutual authentication certificate list. Note: When using MutualTLS as an input parameter in ModifyHostsCertificate, you only need to provide the CertId of the corresponding certificate. You can check the CertId from the SSL Certificate List.

NextOriginACL

When origin ACLs are updated, this field will be returned with the next version of the IP range to take effect, including a comparison with the currently effective IP range.

Used by actions: DescribeOriginACL.

Name	Type	Required	Description
Version	String	No	Version number.
PlannedActiveTime	String	No	Version effective time, which adopts UTC+8 and follows the date and time format of the ISO 8601 standard.
EntireAddresses	Addresses	No	IP range details.
AddedAddresses	Addresses	No	The latest origin IP range newly-added compared with the origin IP range in CurrentOrginACL.
RemovedAddresses	Addresses	No	The latest origin IP range deleted compared with the origin IP range in CurrentOrginACL.
NoChangeAddresses	Addresses	No	The latest origin IP range is unchanged compared with the origin IP range in CurrentOrginACL.

NoCache

No-cache configuration

Used by actions: CreateL7AccRules, DescribeHostsSetting, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable no-cache configuration. Valid values: • `on` : Enable • `off` : Disable

NormalAction

Common action of the rule engine

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description

Action	String	Yes	Feature name. For details, see DescribeRulesSetting API
Parameters	Array of RuleNormalActionParams	Yes	Parameter

NsVerification

Information required for switching DNS servers. It's applicable to sites connected via NSs.

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
NameServers	Array of String	The DNS server address assigned to the user when connecting a site to EO via NS. You need to switch the NameServer of the domain name to this address.

OCSPStaplingParameters

OCSP stapling configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable ocsp stapling configuration switch. values:. • `On` : enable; . • Off: disable. .

OfflineCache

Offline cache feature status switch.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether offline cache is enabled. Valid values: • `on` : Enable • `off` : Disable

OfflineCacheParameters

Offline cache feature status switch.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable offline caching. values:. • `On` : enable; . • Off: disable. .

Origin

The origin server configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Origins	Array of String	No	Primary origin server list Note: This field may return null, indicating that no valid values can be obtained.
BackupOrigins	Array of String	No	The list of backup origin servers. Note: This field may return null, indicating that no valid values can be obtained.
OriginPullProtocol	String	No	Origin-pull protocol configuration. Values: • `http` : Force HTTP for origin-pull. • `follow` : Follow protocol. • `https` : Force HTTPS for origin-pull.

			Note: This field may return `null` , indicating that no valid value can be obtained.
CosPrivateAccess	String	No	Whether to allow private access to buckets when `OriginType=cos` . Valid values: • `on` : Private access; • `off` : Public access. Note: This field may return `null` , indicating that no valid values can be obtained.

OriginACLEntity

Instances that require configuration origin ACLs.

Used by actions: ModifyOriginACL.

Name	Type	Required	Description
Type	String	Yes	Instance type. Valid values: -l7: L7 acceleration domain; -l4: L4 proxy instance.
Instances	Array of String	Yes	Instance detail. Valid values: -When Type = l7, please enter the L7 acceleration domain. -When Type = l4, please enter the L4 proxy instance ID.
OperationMode	String	Yes	Operation mode. Valid values:. - enable: enabled L7/L4 instances. - disable: disable L7/L4 instances.

OriginACLInfo

The binding relationship between L7 acceleration domains/L4 proxy instances and origin IP ranges, as well as origin IP range details.

Used by actions: DescribeOriginACL.

Name	Type	Required	Description
L7Hosts	Array of String	No	The list of L7 accelerated domains that enable the

			origin ACLs. This field is empty when origin protection is not enabled.
L4ProxyIds	Array of String	No	The list of L4 proxy instances that enable the origin ACLs. This field is empty when origin protection is not enabled.
CurrentOriginACL	CurrentOriginACL	No	Currently effective origin ACLs. This field is empty when origin protection is not enabled. Note: This field may return null, which indicates a failure to obtain a valid value.
NextOriginACL	NextOriginACL	No	When the origin ACLs are updated, this field will be returned with the next version's origin IP range to take effect, including a comparison with the current origin IP range. This field is empty if not updated or origin protection is not enabled. Note: This field may return null, which indicates a failure to obtain a valid value.
Status	String	No	Origin protection status. Vaild values: - online: in effect; - offline: disabled; - updating: configuration deployment in progress.

OriginDetail

Details of the origin.

Used by actions: DescribeAccelerationDomains.

Name	Type	Description
OriginType	String	Origin server type. Valid values: • IP_DOMAIN: IPv4, IPv6, or domain name type origin server; • COS: Tencent Cloud COS origin server; • AWS_S3: AWS S3 COS origin server; • ORIGIN_GROUP: origin server group; • VOD: Video on Demand; • SPACE: origin server uninstallation, currently only available to the allowlist; • LB: load balancing. Currently only available to the allowlist.
Origin	String	Origin server address, which varies with the value of

		OriginType: • When OriginType = IP_DOMAIN, this parameter is an IPv4 address, an IPv6 address, or a domain name. • When OriginType = COS, this parameter is the access domain name of the COS bucket. • When OriginType = AWS_S3, this parameter is the access domain name of the S3 bucket. • When OriginType = ORIGIN_GROUP, this parameter is the origin server group ID. • When OriginType = VOD, this parameter is the VOD application ID.
BackupOrigin	String	Secondary origin group ID. This parameter is valid only when OriginType is ORIGIN_GROUP and a secondary origin group is configured.
OriginGroupName	String	Primary origin group name. This parameter returns a value when OriginType is ORIGIN_GROUP.
BackOriginGroupName	String	Secondary origin group name. This parameter is valid only when OriginType is ORIGIN_GROUP and a secondary origin group is configured.
PrivateAccess	String	Whether access to the private object storage origin server is allowed. This parameter is valid only when the origin server type OriginType is COS or AWS_S3. Valid values: • on: Enable private authentication; • off: Disable private authentication. If this field is not specified, the default value 'off' will be used.
PrivateParameters	Array of PrivateParameter	Private authentication parameter. This parameter is valid only when PrivateAccess is on. Note: This field may return null, indicating that no valid values can be obtained.
HostHeader	String	current configured origin HOST header.
VodOriginScope	String	VOD origin-pull range. this parameter returns a value when OriginType = VOD. valid values: • all: all files in the VOD application corresponding to the current origin server. the default value is all; • bucket: files in a specified bucket under the VOD application corresponding to the current origin server. specify the bucket by the VodBucketId parameter. .

VodBucketId	String	VOD bucket ID. this parameter is required when OriginType = VOD and VodOriginScope = bucket. data source: storage ID of the bucket under the VOD professional application.

OriginGroup

Origin group information.

Used by actions: DescribeOriginGroup.

Name	Type	Description
GroupId	String	The ID of the origin group.
Name	String	The name of the origin group.
Type	String	The origin group type. Values: • `GENERAL` : General origin group • `HTTP` : HTTP-specific origin group
Records	Array of OriginRecord	Details of the origin record.
References	Array of OriginGroupReference	List of instances referencing this origin group.
CreateTime	Timestamp ISO8601	Creation time of the origin group.
UpdateTime	Timestamp ISO8601	The update time of the origin group.
HostHeader	String	Origin-pull host header Note: This field may return·null, indicating that no valid values can be obtained.

OriginGroupHealthStatus

Origin server group health status.

Used by actions: DescribeLoadBalancerList.

Name	Type	Description
OriginGroupID	String	Origin server group ID.
OriginGroupName	String	Origin server group name.

OriginType	String	Origin server group type. Valid values: • HTTP: HTTP-specific. • GENERAL: general.
Priority	String	Priority.
OriginHealthStatus	Array of OriginHealthStatus	Health status of each origin server in an origin server group.

OriginGroupHealthStatusDetail

Details of origin server group health status.

Used by actions: DescribeOriginGroupHealthStatus.

Name	Type	Description
OriginGroupId	String	Origin server group ID.
OriginHealthStatus	Array of OriginHealthStatus	The health status of each origin server in an origin server group, which is comprehensively decided based on the results of all detection regions. If more than half of the regions determine that the origin server is unhealthy, the corresponding status is unhealthy; otherwise, it is healthy.
CheckRegionHealthStatus	Array of CheckRegionHealthStatus	Health status of origin servers in each health check region.

OriginGroupInLoadBalancer

The origin server groups that need to be bound in a LoadBalancer and their priorities.

Used by actions: CreateLoadBalancer, ModifyLoadBalancer.

Name	Type	Required	Description
Priority	String	Yes	Priority, in the format of "priority_" + "number". The highest priority is "priority_1". Reference values: • priority_1: first priority. • priority_2: second priority. • priority_3: third priority. You can increase numbers for other priorities, up to "priority_10".

OriginGroupId	String	Yes	Origin server group ID.

OriginGroupReference

Services referencing this origin group

Used by actions: DescribeOriginGroup.

Name	Type	Description
InstanceType	String	Services referencing the origin group. Values: • `AccelerationDomain` : Acceleration domain name • `RuleEngine` : Rules engine • `Loadbalance` : Load balancer • `ApplicationProxy` : L4 proxy
InstanceId	String	ID of the instances referencing the origin group
InstanceName	String	Name of the instance referencing the origin group

OriginHealthStatus

Health status of origin servers in an origin server group.

Used by actions: DescribeLoadBalancerList, DescribeOriginGroupHealthStatus.

Name	Type	Description
Origin	String	Origin server.
Healthy	String	Origin server health status. Valid values: • Healthy: healthy. • Unhealthy: unhealthy. • Undetected: no data detected.

OriginInfo

Details of the origin.

Used by actions: CreateAccelerationDomain, ModifyAccelerationDomain.

Name	Type	Required	Description
OriginType	String	Yes	Origin server type, with values: • IP_DOMAIN: IPv4, IPv6, or domain name type origin server; • COS: Tencent Cloud COS origin server; • AWS_S3: AWS S3 origin server; • ORIGIN_GROUP: origin server group type origin server; • VOD: Video on Demand; • SPACE: origin server uninstallation. Currently only available to the allowlist; • LB: load balancing. Currently only available to the allowlist.
Origin	String	Yes	Origin server address, which varies according to the value of OriginType: • When OriginType = IP_DOMAIN, fill in an IPv4 address, an IPv6 address, or a domain name; • When OriginType = COS, fill in the access domain name of the COS bucket; • When OriginType = AWS_S3, fill in the access domain name of the S3 bucket; • When OriginType = ORIGIN_GROUP, fill in the origin server group ID; • When OriginType = VOD, fill in the VOD application ID; • When OriginType = LB, fill in the Cloud Load Balancer instance ID. This feature is currently only available to the allowlist; • When OriginType = SPACE, fill in the origin server uninstallation space ID. This feature is currently only available to the allowlist.
BackupOrigin	String	No	The ID of the secondary origin group. This parameter is valid only when OriginType is ORIGIN_GROUP. This field indicates the old version capability, which cannot be configured or modified on the control panel after being called. Please submit a ticket if required.
PrivateAccess	String	No	Whether access to the private Cloud Object Storage origin server is allowed. This parameter is valid only when OriginType is COS or AWS_S3. Valid values:

			• on: Enable private authentication; • off: Disable private authentication. If it is not specified, the default value is off.
PrivateParameters	Array of PrivateParameter	No	Private authentication parameter. This parameter is valid only when PrivateAccess is on.
HostHeader	String	No	Custom origin HOST header, this parameter only takes effect when OriginType=IP_DOMAIN. - If OriginType=COS or AWS_S3, the origin HOST header will be consistent with the origin domain name. - If OriginType=ORIGIN_GROUP, the origin HOST header follows the configuration within the origin group;if not configured, it defaults to the acceleration domain name. - If OriginType=VOD or SPACE, there is no need to configure this header, and it will take effect according to the corresponding origin domain name.
VodOriginScope	String	No	VOD origin-pull scope. this parameter is valid only when OriginType = VOD. valid values: • all: all files in the VOD application corresponding to the current origin server. the default value is all; • bucket: files in a specified bucket under the VOD application corresponding to the current origin server. specify the bucket by the parameter VodBucketId. .
VodBucketId	String	No	VOD bucket ID. this parameter is required when OriginType = VOD and VodOriginScope = bucket. data source: storage ID of the bucket under the VOD professional edition application.

OriginPrivateParameters

Private authentication parameters for Cloud Object Storage origin server.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
AccessKeyId	String	Yes	Authentication parameter access key id.

SecretAccessKey	String	Yes	Authentication parameter secret access key.
SignatureVersion	String	Yes	Authentication version. values:. • V2: v2 version; . • V4: v4 version. .
Region	String	No	Region of the bucket.

OriginProtectionInfo

Origin protection configuration

Used by actions: DescribeOriginProtection.

Name	Type	Description
ZoneId	String	ID of the site.
Hosts	Array of String	List of domain names.
ProxyIds	Array of String	List of proxy IDs.
CurrentIPWhitelist	IPWhitelist	The existing intermediate IPs. Note: This field may return `null` , indicating that no valid values can be obtained.
NeedUpdate	Boolean	Whether the intermediate IP update is needed for the site. Values: • `true` : Update needed; • `false` : Update not needed.
Status	String	Status of the origin protection configuration. Values: • `online` : Origin protection is activated; • `offline` : Origin protection is disabled. • `nonactivate` : Origin protection is not activated. This value is returned only when the feature is not activated before it's used.
PlanSupport	Boolean	Whether origin protection is supported in the plan. Values: • `true` : Origin protection supported; • `false` : Origin protection not supported.
DiffIPWhitelist	DiffIPWhitelist	Differences between the latest and existing intermediate IPs.

		Note: This field may return `null` , indicating that no valid values can be obtained.

OriginRecord

Origin group record

Used by actions: CreateOriginGroup, DescribeOriginGroup, ModifyOriginGroup.

Name	Type	Required	Description
Record	String	Yes	The origin record value, which can be an IPv4/IPv6 address or a domain name.
Type	String	No	The origin type. Values: • `IP_DOMAIN` : IPv4/IPv6 address or domain name • `COS` : COS bucket address • `AWS_S3` : AWS S3 bucket address
RecordId	String	No	The origin record ID.
Weight	Integer	No	Weight of an origin. Range: 0-100. If it is not specified, a random weight is assigned. If `0` is passed in, there is no traffic scheduled to this origin. Note: This field may return·null, indicating that no valid values can be obtained.
Private	Boolean	No	Whether to enable private authentication. It is valid when `OriginType=COS/AWS_S3` . Values: • `true` : Yes. • `false` : No. Default: `false` .
PrivateParameters	Array of PrivateParameter	No	Private authentication parameters. This field is valid when `Private=true` .

OwnershipVerification

Information of domain name ownership verification.

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
DnsVerification	DnsVerification	CNAME, when there is no domain name access, the information required for DNS resolution verification is used. For details, refer to Site/Domain Ownership Verification . Note: This field may return null, which indicates a failure to obtain a valid value.
FileVerification	FileVerification	CNAME, when there is no domain name access, the information required for file verification is used. For details, refer to Site/Domain Ownership Verification . Note: This field may return null, which indicates a failure to obtain a valid value.
NsVerification	NsVerification	u200cInformation required for switching DNS servers. It's applicable to sites connected via NSs. For details, see Modifying DNS Server. Note: This field may return·null, indicating that no valid values can be obtained.

PartialModule

Module settings of the exception rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Module	String	No	The module. Values: • `waf` : Managed rules
Include	Array of Integer	No	List of managed rule IDs to be skipped. Note: This field may return `null` , indicating that no valid value can be obtained.

PlanInfo

EdgeOne plan information

Used by actions: DescribeAvailablePlans.

Name	Type	Description

Currency	String	Settlement currency. Values: • `CNY` : Settled by Chinese RMB; • `USD` : Settled by US dollars.
Flux	Integer	Traffic quota of the plan. It includes the traffic for security acceleration, content acceleration and smart acceleration. Unit: byte.
Frequency	String	Settlement cycle. Values: • `y` : Settled by year; • `m` : Settled by month; • `h` : Settled by hour; • `M` : Settled by minute; • `s` : Settled by second.
PlanType	String	The plan option. Values: • `sta` : Standard plan that supports content delivery network outside the Chinese mainland. • `sta_with_bot` : Standard plan that supports content delivery network outside the Chinese mainland and bot management. • `sta_cm` : Standard plan that supports content delivery network inside the Chinese mainland. • `sta_cm_with_bot` : Standard plan that supports content delivery network inside the Chinese mainland and bot management. • `sta` : Standard plan that supports content delivery network over the globe. • `sta_global_with_bot` : Standard plan that supports content delivery network over the globe and bot management. • `ent` : Enterprise plan that supports content delivery network outside the Chinese mainland. • `ent_with_bot` : Enterprise plan that supports content delivery network outside the Chinese mainland and bot management. • `ent_cm` : Enterprise plan that supports content delivery network inside the Chinese mainland. • `ent_cm_with_bot` : Enterprise plan that supports content delivery network inside the Chinese mainland and bot management. • `ent_global` : Enterprise plan that supports content delivery network over the globe. • `ent_global_with_bot` : Enterprise plan that supports content delivery network over the globe and bot management.
Price	Float	Plan price (in CNY fen/US cent). The price unit depends on the settlement currency.
Request	Integer	Quota on security acceleration requests
SiteNumber	Integer	Number of sites to be bound to the plan

Area	String	The acceleration region. Values: • `mainland` : Chinese mainland • `overseas` : Global (Chinese mainland not included) • `global` : Global (Chinese mainland included)

PostMaxSize

Maximum size of the file uploaded for streaming via a POST request

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable POST upload limit (default limit: 32 MB). Valid values: • `on` : Enable; • `off` : Disable.
MaxSize	Integer	No	Maximum size. Value range: 1-500 MB. Note: This field may return null, indicating that no valid values can be obtained.

PostMaxSizeParameters

Maximum size of the file uploaded for streaming via a POST request.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable post request file upload limit, in bytes (default limit: 32 * 2^{20} bytes). valid values: • `on` : enable limit; • `off` : disable limit. .
MaxSize	Integer	No	Maximum size of the file uploaded for streaming via a post request, in bytes. value range: 1 * 2^{20} bytes to 500 * 2^{20} bytes.

PrepaidPlanParam

Prepaid Plan Billing Parameters

Used by actions: CreatePlan.

Name	Type	Required	Description
Period	Integer	No	Prepaid plan duration, unit: month. Valid values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 24, 36. If this field is not specified, the default value '1' will be used.
RenewFlag	String	No	The auto-renewal flag for prepaid plan has the following values: • on: Enable auto-renewal; • off: Disable auto-renewal. If this field is not specified, the default value 'off' will be used. When auto-renewal is enabled, it defaults to renewing for one month.

PrivateParameter

Private authentication parameters for Cloud Object Storage origin server

Used by actions: CreateAccelerationDomain, CreateOriginGroup, DescribeAccelerationDomains, DescribeOriginGroup, ModifyAccelerationDomain, ModifyOriginGroup.

Name	Type	Required	Description
Name	String	Yes	The name of the private authentication parameter. Valid values: • AccessKeyId: Access Key ID for authentication; • SecretAccessKey: Secret Access Key for authentication; • SignatureVersion: Authentication version, v2 or v4; • Region: The region of the storage bucket.
Value	String	Yes	The parameter value.

QUICParameters

QUIC configuration item.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description

Switch	String	No	Whether to enable quic. values:. • `On` : enable; . • Off: disable. .

QueryCondition

The query condition

Used by actions: CreateRealtimeLogDeliveryTask, DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData, DescribeTopL7AnalysisData, DescribeTopL7CacheData, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Key	String	Yes	The key of QueryCondition.
Operator	String	Yes	The conditional operator. Values: • `equals` : Equals • `notEquals` : Does not equal • `include` : Contains • `notInclude` : Does not contain • `startWith` : Starts with • `notStartWith` : Does not start with • `endWith` : Ends with • `notEndWith` : Does not end with
Value	Array of String	Yes	The value of QueryCondition.

QueryString

Request parameter contained in `CacheKey`

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to use `QueryString` as part of `CacheKey` . Values: • `on` : Yes

			• `off` : No
Action	String	No	Specifies how to use query strings in the cache key. Values: • `includeCustom` : `Include partial query strings.</li> <li>` excludeCustom`: Exclude partial query strings. Note: This field may return null, indicating that no valid values can be obtained.
Value	Array of String	No	Array of query strings used/excluded Note: This field may return null, indicating that no valid values can be obtained.

Quic

QUIC configuration item

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable QUIC. Valid values: • `on` : Enable; • `off` : Disable.

Quota

Purging/Pre-warming available usage and quota

Used by actions: DescribeContentQuota.

Name	Type	Description
Batch	Integer	
Daily	Integer	Daily submission quota limit.
DailyAvailable	Integer	Remaining daily submission quota.
Type	String	Type of cache purging/pre-warming. Values: • `purge_prefix` : Purge by prefix • `purge_url` : Purge by URL • `purge_host` : Purge by hostname

		• `purge_all` : Purge all caches • `purge_cache_tag` : Purge by cache tag • `prefetch_url` : Pre-warm by URL

RangeOriginPullParameters

Configuration parameters for range back-to-source.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Switch	String	No	Whether to enable range gets. values are:. • `On` : enable; . • Off: disable. .

RateLimitConfig

Rate limiting rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
RateLimitUserRules	Array of RateLimitUserRule	No	The settings of the custom rate limiting rule. If it is null, the settings that were last configured will be used.
RateLimitTemplate	RateLimitTemplate	No	The settings of the rate limiting template. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
RateLimitIntelligence	RateLimitIntelligence	No	The client filtering settings. If it is null, the settings that were last configured will be used.

			Note: This field may return null, indicating that no valid values can be obtained.
RateLimitCustomizes	Array of RateLimitUserRule	No	The custom rate limiting rules. If it is `null`, the previous settings is used. Note: This field may return `null`, indicating that no valid value can be obtained.

RateLimitIntelligence

Client filtering

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on`: Enable • `off`: Disable
Action	String	Yes	Action to be executed. Values: • `monitor`: Observe • `alg`: Challenge
RuleId	Integer	No	The rule ID, which is only used as a response parameter.

RateLimitTemplate

Rate limit template

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Mode	String	Yes	The mode. Values: • `sup_loose`: Super loose • `loose`: Loose • `emergency`: Emergency • `normal`: Moderate • `strict`: Strict • `close`: Off
Action	String	No	The action. Values:

			• `alg` : JavaScript challenge • `monitor` : Observe If it is left empty, the default value `alg` is used.
RateLimitTemplateDetail	RateLimitTemplateDetail	No	The settings of the rate limiting template. It is only used as an output parameter.

RateLimitTemplateDetail

The settings of the rate limiting template

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Mode	String	Yes	Template level name. Valid values: • sup_loose: super loose; • loose: loose; • emergency: emergency; • normal: normal; • strict: strict; • close: disabled, effective only for precise rate limiting. Note: This field may return null, which indicates a failure to obtain a valid value.
ID	Integer	Yes	Unique ID.
Action	String	Yes	Template action. Valid values: • alg: JavaScript challenge; • monitor: observation. Note: This field may return null, which indicates a failure to obtain a valid value.
PunishTime	Integer	Yes	Penalty duration, in seconds. Value range: 0-2 days. Note: This field may return null, which indicates a failure to obtain a valid value.
Threshold	Integer	Yes	Statistical threshold, in times. Value range: 0-4294967294.
Period	Integer	Yes	Statistical cycle. Value range: 0-120 seconds.

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RateLimitUserRule

Rate limit rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Threshold	Integer	Yes	The request threshold. Value range: 0-4294967294.
Period	Integer	Yes	The statistical period. The value can be 10, 20, 30, 40, 50, or 60 seconds.
RuleName	String	Yes	The rule name, which consists of only letters, digits, and underscores and cannot start with an underscore.
Action	String	Yes	Action. Values: • `monitor` : Observe; • `drop` : Block; • `redirect` : Redirect; • `page` : Return a specific page; • `alg` : JavaScript challenge.
PunishTime	Integer	Yes	The amount of time taken to perform the action. Value range: 0 seconds - 2 days.
PunishTimeUnit	String	Yes	The time unit. Values: • `second` : Second • `minutes` : Minute • `hour` : Hour
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled Default value: `on`
AclConditions	Array of AclCondition	Yes	The rule details.
RulePriority	Integer	Yes	The rule weight. Value range: 0-100.
RuleID	Integer	No	Rule ID, which is only used as an output parameter.
FreqFields	Array of String	No	The filter. Values: • `sip` : Client IP

			This parameter is left empty by default.
UpdateTime	String	No	Update time. It is only used as a response parameter, and defaults to the current time.
FreqScope	Array of String	No	Query scope. Values: • `source_to_eo` : (Response) Traffic going from the origin to EdgeOne. • `client_to_eo` : (Request) Traffic going from the client to EdgeOne. Default: `source_to_eo` .
Name	String	No	Name of the custom return page. It's required when `Action=page` .
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Action=page` .
ResponseCode	Integer	No	The response code to trigger the return page. It's required when `Action=page` . Value: 100-600. 3xx response codes are not supported. Default value: 567.
RedirectUrl	String	No	The redirection URL. It's required when `Action=redirect` .

RealtimeLogDeliveryTask

Real-time log delivery task

Used by actions: DescribeRealtimeLogDeliveryTasks.

Name	Type	Description
TaskId	String	ID of a real-time log shipping task.
TaskName	String	Name of a real-time log shipping task.
DeliveryStatus	String	Status of a real-time log shipping task. Valid values: • enabled: enabled; • disabled: disabled; • deleted: deleted abnormally. Check whether the destination log set/log topic of Tencent Cloud CLS has been deleted.

TaskType	String	Type of a real-time log shipping task. Valid values: • cls: push to Tencent Cloud CLS; • custom_endpoint: push to a custom HTTP(S) address; • s3: push to an AWS S3-compatible bucket address.
EntityList	Array of String	List of entities (L7 domain names or L4 proxy instances) corresponding to a real-time log shipping task. Valid value examples: • L7 domain name: domain.example.com; • L4 proxy instance: sid-2s69eb5wcms7.
LogType	String	Data shipping type. Valid values: • domain: site acceleration logs; • application: L4 proxy logs; • web-rateLiming: rate limiting and CC attack defense logs; • web-attack: managed rule logs; • web-rule: custom rule logs; • web-bot: Bot management logs.
Area	String	Data shipping area. Valid values: • mainland: within the Chinese mainland; • overseas: global (excluding the Chinese mainland).
Fields	Array of String	List of predefined fields for shipping.
CustomFields	Array of CustomField	List of custom fields for shipping.
DeliveryConditions	Array of DeliveryCondition	Filter criteria of log shipping.
Sample	Integer	Sampling ratio in permille. Value range: 1-1000. For example, 605 indicates a sampling ratio of 60.5%.
LogFormat	LogFormat	Output format for log delivery. When the output parameter is null, the default format is used, which works as follows: • When TaskType is 'custom_endpoint', the default format is an array of JSON objects, with each JSON object representing a log entry; • When TaskType is 's3', the default format is JSON Lines. Note: This field may return 'null', which indicates a failure to obtain a valid value.
CLS	CLSTopic	Configuration information of the CLS. Note: This field may return null, which indicates a failure to obtain a valid value.

CustomEndpoint	CustomEndpoint	Configuration information of the custom HTTP service. Note: This field may return null, which indicates a failure to obtain a valid value.
S3	S3	Configuration information of the AWS S3-compatible bucket. Note: This field may return null, which indicates a failure to obtain a valid value.
CreateTime	Timestamp ISO8601	Creation time.
UpdateTime	Timestamp ISO8601	Update time.

RedirectActionParameters

Additional parameter for SecurityAction `Redirect` .

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
URL	String	Yes	Redirect URL.

RenewFlag

Auto-renewal configuration item in a prepaid plan.

Used by actions: ModifyPlan.

Name	Type	Required	Description
Switch	String	Yes	The auto-renewal flag for prepaid plan has the following values: • on: Enable auto-renewal; • off: Disable auto-renewal.

Resource

Billable resource

Used by actions: DescribeZones.

Name	Type	Description
Id	String	The resource ID.
PayMode	Integer	Billing mode `0` : Pay-as-you-go
CreateTime	Timestamp ISO8601	The creation time.
EnableTime	Timestamp ISO8601	The effective time.
ExpireTime	Timestamp ISO8601	The expiration time.
Status	String	The plan status. Values: • `normal` : Normal • `isolated` : Isolated • `destroyed` : Terminated
Sv	Array of Sv	Pricing query parameter
AutoRenewFlag	Integer	Whether to enable auto-renewal. Values: • `0` : Default status. • `1` : Enable auto-renewal. • `2` : Disable auto-renewal.
PlanId	String	ID of the resource associated with the plan.
Area	String	Applicable area. Values: • `mainland` : Chinese mainland • `overseas` : Regions outside the Chinese mainland • `global` : Global
Group	String	The resource type. Values: • `plan` : Plan resources • `pay-as-you-go` : Pay-as-you-go resources • `value-added` : Value-added resources Note: This field may return null, indicating that no valid values can be obtained.
ZoneNumber	Integer	The sites that are associated with the current resources. Note: This field may return null, indicating that no valid values can be

		obtained.
Type	String	Resource tag type. Valid values: • vodeo: vodeo resource.

ResponseSpeedLimitParameters

Single-link download speed limit configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Mode	String	Yes	Download rate limit mode. valid values:. • LimitUponDownload: rate limit throughout the download process; . • LimitAfterSpecificBytesDownloaded: rate limit after downloading specific bytes at full speed; . • LimitAfterSpecificSecondsDownloaded: start speed limit after downloading at full speed for a specific duration. .
MaxSpeed	String	Yes	Rate-Limiting value, in kb/s. enter a numerical value to specify the rate limit.
StartAt	String	No	Rate-Limiting start value, which can be the download size or specified duration, in kb or s. this parameter is required when mode is set to limitafterspecificbytesdownloaded or limitafterspecificsecondsdownloaded. enter a numerical value to specify the download size or duration.

ReturnCustomPageActionParameters

Additional parameter for SecurityAction `ReturnCustomPage` .

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
ResponseCode	String	Yes	Response custom status code.
ErrorPageId	String	Yes	Response custom page ID.

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RewriteAction

Rule engine action for the HTTP request/response header

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature name. For details, see DescribeRulesSetting API
Parameters	Array of RuleRewriteActionParams	Yes	Parameter

Rule

Rule item of the rule engine. The items in the `Conditions` array are in `OR` relationship, and the items in the inner `Conditions` list are in `AND` relationship.

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Conditions	Array of RuleAndConditions	Yes	Judgment condition for executing the feature. Note: The feature can be executed if any condition in the array is met.
Actions	Array of Action	No	Executed feature. Note: Actions and SubRules cannot be both empty.
SubRules	Array of SubRuleItem	No	Nested rule. Note: SubRules and Actions cannot be both empty.

RuleAndConditions

List of rule engine conditions in `AND` relationship

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Conditions	Array of	Yes	Rule engine condition. This condition will be considered met if

	RuleCondition		all items in the array are met.

RuleBranch

Sub-rule branch.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Condition	String	No	Match condition.
Actions	Array of RuleEngineAction	No	Operations. Note: actions and subrules cannot both be empty. Note: this field may return null, which indicates a failure to obtain a valid value.
SubRules	Array of RuleEngineSubRule	No	List of sub-rules. multiple rules exist in this list and are executed sequentially from top to bottom. note: subrules and actions cannot both be empty. currently, only one layer of subrules is supported. Note: this field may return null, which indicates a failure to obtain a valid value.

RuleChoicePropertiesItem

Detailed settings of the rule engine that can be used for request match, which are optional parameter configuration items.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Name	String	The parameter name.
Type	String	The parameter value type. • CHOICE: The parameter value can be selected only from `Values`. • TOGGLE: The parameter value is of switch type and can be selected from `ChoicesValue`. • CUSTOM_NUM: The parameter value is a custom integer. • CUSTOM_STRING: The parameter value is a custom string.

ChoicesValue	Array of String	Valid parameter values. Note: If `Type` is `CUSTOM_NUM` or `CUSTOM_STRING`, this parameter will be an empty array.
Min	Integer	Minimum value. If both `Min` and `Max` are set to `0`, this parameter does not take effect.
Max	Integer	Maximum value. If both `Min` and `Max` are set to `0`, this parameter does not take effect.
IsMultiple	Boolean	Whether multiple values can be selected or entered.
IsAllowEmpty	Boolean	Whether the parameter can be left empty.
ExtraParameter	RuleExtraParameter	Special parameter. • NULL: Select `NormalAction` for `RuleAction`. • If the member parameter `Id` is `Action`, select `RewirteAction` for `RuleAction`. • If the member parameter `Id` is `StatusCode`, select `CodeAction` for `RuleAction`.

RuleCodeActionParams

Parameters of the action with the `StatusCode` field as the rule engine condition

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
StatusCode	Integer	Yes	The status code.
Name	String	Yes	The parameter name. For details, see DescribeRulesSetting.
Values	Array of String	Yes	The parameter value.

RuleCondition

Rule engine condition parameters

Used by actions: CreateFunctionRule, CreateRule, DescribeRules, ModifyFunctionRule, ModifyRule.

Name	Type	Required	Description

Operator	String	Yes	Operator. Valid values: • `equal` : Equal • `notEquals` : Does not equal • `exist` : Exists • `notexist` : Does not exist
Target	String	Yes	Matching type. Valid values: • filename: Filename; • extension: File suffix; • host: Host; • full_url: A complete URL path under the current site, including the HTTP protocol, the host, and the path; • url: The request for a URL path under the current site; • client_country: Client country/region; • query_string: The query string for a requested URL under the current site; • request_header: HTTP request header; • client_ip: Client IP; • request_protocol: Request protocol; • request_method: HTTP request method.
Values	Array of String	No	Parameter values for corresponding matching types. It is allowed to pass an empty array only when the matching type is query_string or request_header and the operator value is exist or not exist. Corresponding match types include: • extension: File suffix such as jpg or txt; • filename: For example, foo in foo.jpg; • all (any request under the site): all; • host: The host under the current site. For example, www.maxx55.com; • URL path: The request for a URL path under the current site. For example, /example; • URL full: The request for a complete URL under the current site, including the HTTP protocol, the host, and the path. For example: https://www.maxx55.cn/example; • client_country: Country/region identifier compliant with the ISO3166 standard; • query_string: The parameter value in the query string of the requested URL under the current site. For example, cn and 1 in lang=cn&version=1; • request_header: The value of the HTTP request header field. For example, zh-CN,zh;q=0.9 in Accept-Language:zh-CN,zh;q=0.9; • client_ip: The client request IP carried in the current request, which supports IPv4/IPv6 and an IP range; • request_protocol: The protocol of the current request. Valid values: HTTP and HTTPS;

			• request_method: The method of the current request. Valid values: GET, HEAD, POST, PUT, DELETE, TRACE, CONNECT, OPTIONS, PATCH, COPY, LOCK, MKCOL, MOVE, PROPFIND, PROPPATCH, and UNLOCK.
IgnoreCase	Boolean	No	Whether the parameter value is case insensitive. Default value: false.
Name	String	No	The parameter name of the match type. This field is required only when `Target=query_string/request_header`. • `query_string`: Name of the query string, such as "lang" and "version" in "lang=cn&version=1". • `request_header`: Name of the HTTP request header, such as "Accept-Language" in the "Accept-Language:zh-CN,zh;q=0.9" header.

RuleEngineAction

Rule engine operations.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Name	String	Yes	
CacheParameters	CacheParameters	No	Node cache ttl confi parameter. when na cache, this paramet required. Note: this field may null, which indicates failure to obtain a va value.
CacheKeyParameters	CacheKeyParameters	No	Custom cache key configuration param when name is cache this parameter is re Note: this field may null, which indicates failure to obtain a va value.
CachePrefreshParameters	CachePrefreshParameters	No	The cache prefresh configuration param this parameter is re

			when `name` is `cacheprefresh` Note: this field may null, which indicates failure to obtain a va value.
AccessURLRedirectParameters	AccessURLRedirectParameters	No	The access url redi configuration param this parameter is re when `name` is `accessurlredi` Note: this field may null, which indicates failure to obtain a va value.
UpstreamURLRewriteParameters	UpstreamURLRewriteParameters	No	The origin-pull url re configuration param this parameter is re when `name` is `upstreamurlre` Note: this field may null, which indicates failure to obtain a va value.
QUICParameters	QUICParameters	No	The quic configurati parameter. this para required when `nar` `quic` . Note: this field may null, which indicates failure to obtain a va value.
WebSocketParameters	WebSocketParameters	No	The websocket configuration param this parameter is re when `name` is `websocket` . Note: this field may null, which indicates failure to obtain a va value.

AuthenticationParameters	AuthenticationParameters	No	Token authenticatio configuration param this parameter is re when `name` is `authenticatio` Note: this field may null, which indicates failure to obtain a va value.
MaxAgeParameters	MaxAgeParameters	No	Browser cache ttl configuration param this parameter is re when `name` is `maxage` . Note: this field may null, which indicates failure to obtain a va value.
StatusCodeCacheParameters	StatusCodeCacheParameters	No	Status code cache t configuration param this parameter is re when `name` is `statuscodecac` Note: this field may null, which indicates failure to obtain a va value.
OfflineCacheParameters	OfflineCacheParameters	No	Offline cache config parameter. this para required when `nar` `offlinecache` Note: this field may null, which indicates failure to obtain a va value.
SmartRoutingParameters	SmartRoutingParameters	No	Smart acceleration configuration param this parameter is re when `name` is `smartrouting` Note: this field may null, which indicates

			failure to obtain a va value.
RangeOriginPullParameters	RangeOriginPullParameters	No	Shard source retriev configuration param this parameter is re when name is set to rangeoriginpull. Note: this field may null, which indicates failure to obtain a va value.
UpstreamHTTP2Parameters	UpstreamHTTP2Parameters	No	HTTP2 origin-pull configuration param this parameter is re when name is set to upstreamhttp2. Note: this field may null, which indicates failure to obtain a va value.
HostHeaderParameters	HostHeaderParameters	No	Host header rewrite configuration param this parameter is re when name is set to hostheader. Note: this field may null, which indicates failure to obtain a va value.
ForceRedirectHTTPSParameters	ForceRedirectHTTPSParameters	No	Force https redirect configuration param this parameter is re when the name is s forceredirecthttps. Note: this field may null, which indicates failure to obtain a va value.
CompressionParameters	CompressionParameters	No	Intelligent compress configuration. this parameter is require

			name is set to comp Note: this field may null, which indicates failure to obtain a va value.
HSTSParameters	HSTSParameters	No	HSTS configuration parameter. this para required when name Note: this field may null, which indicates failure to obtain a va value.
ClientIPHeaderParameters	ClientIPHeaderParameters	No	Client ip header configuration for sto client request ip info this parameter is re when name is clientipheader. Note: this field may null, which indicates failure to obtain a va value.
OCSPStaplingParameters	OCSPStaplingParameters	No	OCSP stapling conf parameter. this para required when the n set to ocspstapling. Note: this field may null, which indicates failure to obtain a va value.
HTTP2Parameters	HTTP2Parameters	No	HTTP2 access configuration param this parameter is re when name is http2 Note: this field may null, which indicates failure to obtain a va value.
PostMaxSizeParameters	PostMaxSizeParameters	No	Maximum size confi for file streaming up a post request. this

			parameter is require name is postmaxsiz Note: this field may null, which indicates failure to obtain a va value.
ClientIPCountryParameters	ClientIPCountryParameters	No	Configuration paran carrying the region information of the cl during origin-pull. th parameter is require the name is set to clientipcountry. Note: this field may null, which indicates failure to obtain a va value.
UpstreamFollowRedirectParameters	UpstreamFollowRedirectParameters	No	Configuration paran following redirects d origin-pull. this para required when the n set to upstreamfollowredir Note: this field may null, which indicates failure to obtain a va value.
UpstreamRequestParameters	UpstreamRequestParameters	No	Configuration paran origin-pull request. t parameter is require the name is set to upstreamrequest. Note: this field may null, which indicates failure to obtain a va value.
TLSConfigParameters	TLSConfigParameters	No	SSL/TLS security configuration param this parameter is re when the name is s tlsconfig. Note: this field may

			null, which indicates failure to obtain a va value.
ModifyOriginParameters	ModifyOriginParameters	No	Configuration paran modifying the origin this parameter is re when the name is s modifyorigin. Note: this field may null, which indicates failure to obtain a va value.
HTTPUpstreamTimeoutParameters	HTTPUpstreamTimeoutParameters	No	Configuration of lay origin timeout. this parameter is require name is httpupstreamtimeou Note: this field may null, which indicates failure to obtain a va value.
HttpResponseParameters	HTTPResponseParameters	No	HTTP response configuration param this parameter is re when name is httpre Note: this field may null, which indicates failure to obtain a va value.
ErrorPageParameters	ErrorPageParameters	No	Custom error page configuration param this parameter is re when name is errorp Note: this field may null, which indicates failure to obtain a va value.
ModifyResponseHeaderParameters	ModifyResponseHeaderParameters	No	Modify http node re header configuratio parameters. this pa is required when na

			modifyresponsehea Note: this field may null, which indicates failure to obtain a va value.
ModifyRequestHeaderParameters	ModifyRequestHeaderParameters	No	Modify http node re header configuratio parameters. this pa is required when na modifyrequesthead Note: this field may null, which indicates failure to obtain a va value.
ResponseSpeedLimitParameters	ResponseSpeedLimitParameters	No	Single connection d speed limit configur parameter. this para required when nam responsespeedlimit Note: this field may null, which indicates failure to obtain a va value.
SetContentIdentifierParameters	SetContentIdentifierParameters	No	Content identificatio configuration param this parameter is re when name is httpre Note: this field may null, which indicates failure to obtain a va value.

RuleEngineItem

Rule details of the rule engine.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description

Status	String	No	Rule status. values: • `enable` : enabled • `disable` : disabled .
RuleId	String	No	Rule id. a unique identifier for the rule. this parameter is required when calling `modifyl7accrules` .
RuleName	String	No	Rule name. name length limit: 255 characters.
Description	Array of String	No	Rule annotation. multiple annotations can be added.
Branches	Array of RuleBranch	No	Sub-Rule branch. this list currently supports filling in only one rule; multiple entries are invalid. Note: this field may return null, which indicates a failure to obtain a valid value.
RulePriority	Integer	No	Rule priority. only used as an output parameter.

RuleEngineSubRule

Sub-rule

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Branches	Array of RuleBranch	No	Sub-Rule branch. Note: this field may return null, which indicates a failure to obtain a valid value.
Description	Array of String	No	Rule comments.

RuleExtraParameter

Rule engine parameter details and special parameter types.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Id	String	Parameter name. Valid values:

		• `Action` : Required parameter for HTTP header modification when `RewirteAction` is selected for `RuleAction` . • `StatusCode` : Required parameter for the status code feature when `CodeAction` is selected for `RuleAction` .
Type	String	Parameter value type. • `CHOICE` : The parameter value can be selected only from `Values` . • `CUSTOM_NUM` : The parameter value is a custom integer. • `CUSTOM_STRING` : The parameter value is a custom string.
Choices	Array of String	Valid values. Note: If the value of `Id` is `StatusCode` , values in the array are all integer values. When entering a parameter value, enter the integer value of the string.

RuleItem

Rule details of the rule engine

Used by actions: DescribeRules.

Name	Type	Description
RuleId	String	The rule ID.
RuleName	String	The rule name. It is a string that can contain 1–255 characters.
Status	String	Rule status. Values: • `enable` : Enabled • `disable` : Disabled
Rules	Array of Rule	The rule content.
RulePriority	Integer	The rule priority. The greater the value, the higher the priority. The minimum value is `1` .
Tags	Array of String	Tag of the rule.

RuleNormalActionParams

Common action parameter of a rule engine condition

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Name	String	Yes	The parameter name. For details, see DescribeRulesSetting.
Values	Array of String	Yes	The parameter value.

RuleRewriteActionParams

Parameter of the action for the HTTP request/response header of a rule engine condition.

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature parameter name. For details, see DescribeRulesSetting. • `add` : Add the HTTP header. • `set` : Rewrite the HTTP header. • `del` : Delete the HTTP header.
Name	String	Yes	Parameter name
Values	Array of String	Yes	Parameter value

RulesProperties

Detailed settings of the rule engine that can be used for request match.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Name	String	Parameter name.
Min	Integer	Minimum value. If both `Min` and `Max` are set to `0` , this parameter does not take effect.
ChoicesValue	Array of String	Valid parameter values. Note: If `Type` is `CUSTOM_NUM` or `CUSTOM_STRING` , this parameter will be an empty array.
Type	String	The parameter value type.

		• `CHOICE` : the parameter value can only be selected from `choicesvalue` . . • TOGGLE: the parameter value is of switch type and can be selected from `choicesvalue` . . • OBJECT: the parameter value is of object type, and `choiceproperties` are the properties associated with this object type. . • `CUSTOM_NUM` : (integer) custom value. . • custom_string: parameter value is user-customized, string type. note: when the parameter type is object, please refer to example 2: creating a parameter of object type.
Max	Integer	Maximum value. If both `Min` and `Max` are set to `0` , this parameter does not take effect.
IsMultiple	Boolean	Whether multiple values can be selected or entered.
IsAllowEmpty	Boolean	Whether the parameter can be left empty.
ChoiceProperties	Array of RuleChoicePropertiesItem	Associated configuration parameters of this parameter, which are required for API call. Note: This parameter will be an empty array if no special parameters are added as optional parameters.
ExtraParameter	RuleExtraParameter	• NULL: No special parameters when `NormalAction` is selected for `RuleAction` . Note: This field may return null, indicating that no valid values can be obtained.

RulesSettingAction

List of the settings of the rule engine that can be used for request match and their detailed information.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Action	String	Feature name. Valid values:

		• Access URL rewrite (`AccessUrlRedirect`). • Origin-pull URL rewrite (`UpstreamUrlRedirect`). • Custom error page (`ErrorPage`). • QUIC (`QUIC`). • WebSocket (`WebSocket`). • Video dragging (`VideoSeek`). • Token authentication (`Authentication`). • `CacheKey` : Custom cache key. • `Cache` : Node cache TTL. • `MaxAge` : Browser cache TTL. • `OfflineCache` : Offline cache. • `SmartRouting` : Smart acceleration. • `RangeOriginPull` : Range GETs. • `UpstreamHttp2` : HTTP/2 forwarding. • `HostHeader` : Host header rewrite. • `ForceRedirect` : Force HTTPS. • `OriginPullProtocol` : Origin-pull HTTPS. • `CachePrefresh` : Cache prefresh. • `Compression` : Smart compression. • `RequestHeader` : HTTP request header modification. • HTTP response header modification (`ResponseHeader`). • Status code cache TTL (`StatusCodeCache`). • `Hsts` . • `ClientIpHeader` . • `TlsVersion` . • `OcspStapling` .
Properties	Array of RulesProperties	Parameter information

S3

The configuration information of real-time log delivery to an AWS S3 compatible bucket

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Endpoint	String	Yes	The URL without bucket name or path, for example: `https://storage.googleapis.com` , `https://s3.ap-`

			`northeast-2.amazonaws.com` , and `https://cos.ap-nanjing.myqcloud.com` .
Region	String	Yes	The region where the bucket is located, for example: `ap-northeast-2` .
Bucket	String	Yes	The bucket name and log storage directory, for example: `your_bucket_name/EO-logs/` . If the directory does not exist in the bucket, it will be created automatically.
AccessId	String	Yes	The Access Key ID used to access the bucket.
AccessKey	String	Yes	The secret key used to access the bucket.
CompressType	String	No	The data compress type. Valid values: • gzip: gzip compression. If this field is not filled in, compression is disabled.

SecEntry

Returned value of security data entry

Used by actions: DescribeDDoSAttackData.

Name	Type	Description
Key	String	The query dimension value.
Value	Array of SecEntryValue	The details.

SecEntryValue

The security data queried by metric

Used by actions: DescribeDDoSAttackData.

Name	Type	Description
Metric	String	The metric name.
Detail	Array of TimingDataItem	The time-series data details.
Max	Integer	The maximum value.

Avg	Float	The average value.
Sum	Float	Sum

SecurityAction

Action for security operation.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	Yes	Specific action na security operatio Values: • `Deny` : bloc • `Monitor` : • `ReturnCusto` block with custon page • `Redirect` Redirect to URL • `BlockIP` : • `JSChallen` javaScript challe • `ManagedChal` managed challen • `Disabled` disabled • `Allow` : allo .
BlockIPActionParameters	BlockIPActionParameters	No	Additional param when Name is Bl
ReturnCustomPageActionParameters	ReturnCustomPageActionParameters	No	Additional param when Name is ReturnCustomPa
RedirectActionParameters	RedirectActionParameters	No	Additional param when Name is Re

SecurityConfig

Web security configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
WafConfig	WafConfig	No	Managed rule. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
RateLimitConfig	RateLimitConfig	No	Rate limiting. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
AclConfig	AclConfig	No	Custom rule. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
BotConfig	BotConfig	No	Bot configuration. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
SwitchConfig	SwitchConfig	No	Switch setting of the 7-layer protection. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.
IpTableConfig	IpTableConfig	No	Basic access control. If the parameter is null or not filled, the configuration last set will be used by default.

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			Note: This field may return null, indicating that no valid value can be obtained.
ExceptConfig	ExceptConfig	No	Exception rule configuration. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.
DropPageConfig	DropPageConfig	No	Custom block page settings. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.
TemplateConfig	TemplateConfig	No	Security template settings Note: This field may return `null`, indicating that no valid value can be obtained.
SlowPostConfig	SlowPostConfig	No	Settings for slow attack defense. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.
DetectLengthLimitConfig	DetectLengthLimitConfig	No	Detect the length limit configuration, output parameter only. Note: This field may return null, which indicates a failure to obtain a valid value.

SecurityPolicy

Web security policy.

Used by actions: DescribeSecurityPolicy, ModifySecurityPolicy.

Name	Type	Required	Description
CustomRules	CustomRules	No	Custom rules. If the parameter is null or not filled, the configuration last set will be used by default.

			Note: This field may return null, indicating that no valid value can be obtained.
ManagedRules	ManagedRules	No	Managed. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.

SecurityTemplateBinding

Bindings of a security policy template

Used by actions: DescribeSecurityTemplateBindings.

Name	Type	Description
TemplateId	String	template ID
TemplateScope	Array of TemplateScope	Binding status of the template.

SecurityType

The security type setting item.

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the security type setting. Values: • `on` : Enable • `off` : Disable

ServerCertInfo

HTTPS server certificate configuration

Used by actions: DescribeHostsSetting, ModifyHostsCertificate, ModifyZoneSetting.

Name	Type	Required	Description
CertId	String	Yes	Server certificate ID, which originates from the SSL side. You

			can check the CertId from the SSL Certificate List. Note: This field may return null, which indicates a failure to obtain a valid value.
Alias	String	No	Alias of the certificate. Note: This field may return null, indicating that no valid values can be obtained.
Type	String	No	Type of the certificate. Values: u200c • `default` : Default certificate u200c • `upload` : Custom certificate u200c • `managed` : Tencent Cloud-managed certificate Note: This field may return·null, indicating that no valid values can be obtained.
ExpireTime	Timestamp ISO8601	No	Time when the certificate expires. Note: This field may return null, indicating that no valid values can be obtained.
DeployTime	Timestamp ISO8601	No	Time when the certificate is deployed. Note: This field may return null, indicating that no valid values can be obtained.
SignAlgo	String	No	Signature algorithm. Note: This field may return null, indicating that no valid values can be obtained.
CommonName	String	No	Domain name of the certificate. Note: This field may return `null` , indicating that no valid value can be obtained.

SetContentIdentifierParameters

Content identifier configuration parameters

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description

ContentIdentifier	String	No	Content identifier id.

SkipCondition

Exception rule conditions, used to filter requests by specific fields

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Type	String	Yes	The field type. Values: • `header_fields` : HTTP request header • `cookie` : HTTP request cookie • `query_string` : Query string in the HTTP request URL • `uri` : HTTP request URI • `body_raw` : HTTP request body • `body_json` : JSON HTTP request body
Selector	String	Yes	The specific field. Values: • `args` : Query parameter in the URI, such as "?name1=jack&age=12" • `path` : Partial path in the URI, such as "/path/to/resource.jpg" • `full` : Full path in the URI, such as "example.com/path/to/resource.jpg?name1=jack&age=12" • `upload_filename` : File path segment • `keys` : All keys • `values` : Values of all keys • `key_value` : Key and its value
MatchFromType	String	No	The match method used to match the key. Values: • `equal` : Exact match • `wildcard` : Wildcard match (only asterisks)
MatchFrom	Array of String	No	The value that matches the key. Note: This field may return `null` , indicating that no valid value can be obtained.
MatchContentType	String	No	The match method used to match the content. • `equal` : Exact match • `wildcard` : Wildcard match (only asterisks)
MatchContent	Array of	No	The value that matches the content.

	String		Note: This field may return `null` , indicating that no valid value can be obtained.

SlowPostConfig

Slow attack defense configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Values: • `on` : Enable • `off` : Disable
FirstPartConfig	FirstPartConfig	No	Detect slow attacks by the transfer period of the first 8 KB of requests Note: This field may return `null` , indicating that no valid value can be obtained.
SlowRateConfig	SlowRateConfig	No	Detect slow attacks by the data rate of the main body (excluding the first 8 KB) of requests Note: This field may return `null` , indicating that no valid value can be obtained.
Action	String	No	The action to taken when a slow attack is detected. Values: • `monitor` : Observe • `drop` : Block the request Note: This field may return `null` , indicating that no valid value can be obtained.
RuleId	Integer	No	ID of the rule Note: This field may return `null` , indicating that no valid value can be obtained.

SlowRateConfig

The configuration to detect slow attacks

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
Interval	Integer	No	The sampling interval in seconds. In this way, the first 8 KB of the request is ignored. The rest of data is separated in to multiple parts according to this interval for slow attack measurement. Note: This field may return `null` , indicating that no valid value can be obtained.
Threshold	Integer	No	The transfer rate threshold in bps. When the transfer rate of a sample is lower than the threshold, it's considered a slow attack and handled according to the specified `Action` . Note: This field may return `null` , indicating that no valid value can be obtained.

SmartRouting

Smart acceleration configuration

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable smart acceleration. Values: • `on` : Enable • `off` : Disable

SmartRoutingParameters

Smart acceleration configuration.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable smart acceleration. values:. • `On` : enable;

			. • Off: disable. .

StandardDebug

Standard debugging

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable standard debugging. Values: • `on` : Enable • `off` : Disable
AllowClientIPList	Array of String	Yes	The client IP to allow. It can be an IPv4/IPv6 address or a CIDR block. If not specified, it means to allow any client IP
ExpireTime	Timestamp ISO8601	Yes	The time when the standard debugging setting expires. If it is exceeded, this feature becomes invalid.

StandardDebugParameters

Debug structure.

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable standard debugging. values:. • `On` : enable; . • Off: disable. .
AllowClientIPList	Array of String	No	The client ip to allow. it can be an ipv4/ipv6 address or a cidr block. 0.0.0.0/0 means to allow all ipv4 clients for debugging; ::/0 means to allow all ipv6 clients for debugging; 127.0.0.1 is not allowed. note: this field is required when `switch=on` and the

			number of entries should be 1-100. when `switch=off`, this field is not required and any value specified will not take effect.
Expires	Timestamp ISO8601	No	Debug feature expiration time. the feature will be disabled after the set time. note: this field is required when `switch=on`. when `switch=off`, this field is not required and any value specified will not take effect.

StatusCodeCacheParam

Status Code Cache TTL configuration internal structure.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
StatusCode	Integer	No	Status code. valid values: 400, 401, 403, 404, 405, 407, 414, 500, 501, 502, 503, 504, 509, 514.
CacheTime	Integer	No	Cache time value in seconds. value range: 0–31536000.

StatusCodeCacheParameters

Status Code Cache TTL configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
StatusCodeCacheParams	Array of StatusCodeCacheParam	No	Status code cache ttl. Note: this field may return null, which indicates a failure to obtain a valid value.

SubRule

Nested rule settings

Used by actions: CreateRule, DescribeRules, ModifyRule.

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Name	Type	Required	Description
Conditions	Array of RuleAndConditions	Yes	The condition that determines if a feature should run. Note: If any condition in the array is met, the feature will run.
Actions	Array of Action	Yes	The feature to be executed.

SubRuleItem

Rule engine nested rule

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Rules	Array of SubRule	Yes	Nested rule settings
Tags	Array of String	No	Tag of the rule.

Sv

Pricing query parameter

Used by actions: DescribeZones.

Name	Type	Required	Description
Key	String	Yes	The parameter key.
Value	String	Yes	The parameter value.
Pack	String	No	Quota for a resource. Values: • `zone` : Quota for sites • `custom-rule` : Quota for custom rules • `rate-limiting-rule` : Quota for rate limiting rules • `l4-proxy-instance` : Quota for L4 proxy instances Note: This field may return null, indicating that no valid values can be obtained.
InstanceId	String	No	ID of the L4 proxy instance. Note: This field may return null, indicating that no valid values can

			be obtained.
ProtectionSpecs	String	No	The protection specification. Values: • `cm_30G` : 30 Gbps base protection bandwidth in **Chinese mainland** service area • `cm_60G` : 60 Gbps base protection bandwidth in **Chinese mainland** service area • `cm_100G` : 100 Gbps base protection bandwidth in **Chinese mainland** service area • `anycast_300G` : 300 Gbps Anycast-based protection in **Global (MLC)** service area • `anycast_unlimited` : Unlimited Anycast-based protection bandwidth in **Global (MLC)** service area • `cm_30G_anycast_300G` : 30 Gbps base protection bandwidth in **Chinese mainland** service area and 300 Gbps Anycast-based protection bandwidth in **Global (MLC)** service area • `cm_30G_anycast_unlimited` : 30 Gbps base protection bandwidth in **Chinese mainland** service area and unlimited Anycast-based protection bandwidth in **Global (MLC)** service area • cm_60G_anycast_300G `: 60 Gbps base protection bandwidth in **Chinese mainland** service area and 300 Gbps Anycast-based protection bandwidth in **Global (MLC)** service area</li><li>` cm_60G_anycast_unlimited` : 60 Gbps base protection bandwidth in **Chinese mainland** service area and unlimited Anycast-based protection bandwidth in **Global (MLC)** service area • `cm_100G_anycast_300G` : 100 Gbps base protection bandwidth in **Chinese mainland** service area and 300 Gbps Anycast-based protection bandwidth in **Global (MLC)** service area • cm_100G_anycast_unlimited`: 100 Gbps base protection bandwidth in **Chinese mainland** service area and unlimited Anycast-based protection bandwidth in **Global (MLC)** service area Note: This field may return null, indicating that no valid values can be obtained.

SwitchConfig

Web security configuration switch

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
WebSwitch	String	Yes	Whether to enable web protection. Values: • `on` : Enable • `off` : Disable It does not affect DDoS and bot configuration.

TLSConfigParameters

SSL/TLS Security configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Version	Array of String	No	TLS version. at least one must be specified. if multiple versions are specified, they must be consecutive, e.g., enable tls1, 1.1, 1.2, and 1.3. it is not allowed to enable only 1 and 1.2 while disabling 1.1. valid values: • `tlsv1` : tlsv1 version; • `tlsv1.1` : tlsv1.1 version; • `tlsv1.2` : tlsv1.2 version; • `tlsv1.3` : tlsv1.3 version. .
CipherSuite	String	No	Cipher suite. for detailed information, please refer to tls versions and cipher suites description. valid values: • `loose-v2023` : loose-v2023 cipher suite; • `general-v2023` : general-v2023 cipher suite; • `strict-v2023` : strict-v2023 cipher suite. .

Tag

Tag configuration

Used by actions: CreateContentIdentifier, CreateZone, DescribeContentIdentifiers, DescribeZones.

Name	Type	Required	Description
TagKey	String	Yes	The tag key. Note: This field may return null, indicating that no valid values can be

			obtained.
TagValue	String	Yes	The tag value. Note: This field may return null, indicating that no valid values can be obtained.

Task

Content management task result

Used by actions: DescribePrefetchTasks, DescribePurgeTasks.

Name	Type	Description
JobId	String	ID of the task.
Target	String	Resource.
Type	String	Type of the task.
Method	String	Node cache purge method, with values: • invalidate: Marks as expired. A back-to-origin validation is triggered upon user request, sending an HTTP conditional request with If-None-Match and If-Modified-Since headers. If the origin server responds with 200, the node will fetch new resources from the origin and update the cache; if the origin server responds with 304, the cache will not be updated; • delete: Directly deletes the node's cache, triggering a resource fetch from the origin upon user request. Note: This field may return null, which indicates a failure to obtain a valid value.
Status	String	Status. Valid values: • processing: Processing; • success: Succeeded; • failed: Failed; • timeout: Timed out.
CreateTime	Timestamp ISO8601	Creation time of the task.
UpdateTime	Timestamp ISO8601	Completion time of the task.

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TemplateConfig

Security template settings

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
TemplateId	String	Yes	The template ID.
TemplateName	String	Yes	The template name.

TemplateScope

Domain names bound with the template.

Used by actions: DescribeSecurityTemplateBindings.

Name	Type	Required	Description
ZoneId	String	No	ID of the site. Note: This field may return·null, indicating that no valid values can be obtained.
EntityStatus	Array of EntityStatus	No	List of instance statuses Note: This field may return·null, indicating that no valid values can be obtained.

TimingDataItem

Data items of the statistical curve

Used by actions: DescribeDDoSAttackData, DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData.

Name	Type	Description
Timestamp	Integer	Time point for returning data, in the format of Unix timestamp in seconds.
Value	Integer	The value.

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TimingDataRecord

The time-series data

Used by actions: DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData.

Name	Type	Description
TypeKey	String	The query dimension value.
TypeValue	Array of TimingTypeValue	Detailed time series data

TimingTypeValue

Detailed data of time series type

Used by actions: DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData.

Name	Type	Description
Sum	Integer	Sum.
Max	Integer	The maximum value.
Avg	Integer	The average value.
MetricName	String	Metric name.
Detail	Array of TimingDataItem	Details. Note: This field may return null, indicating that no valid values can be obtained.

TopDataRecord

The top-ranked data record

Used by actions: DescribeTopL7AnalysisData, DescribeTopL7CacheData.

Name	Type	Description
TypeKey	String	The query dimension value.

DetailData	Array of TopDetailData	Top data rankings

TopDetailData

The top-ranked data details

Used by actions: DescribeTopL7AnalysisData, DescribeTopL7CacheData.

Name	Type	Description
Key	String	The field name.
Value	Integer	The field value.

TopEntry

The Top-ranked data

Used by actions: DescribeDDoSAttackTopData.

Name	Type	Description
Key	String	The query dimension value.
Value	Array of TopEntryValue	The details.

TopEntryValue

The top-ranked data

Used by actions: DescribeDDoSAttackTopData.

Name	Type	Description
Name	String	The item name.
Count	Integer	The number of items.

URLPath

Access URL redirect path configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Action	String	No	Action to be executed. values:. • `Follow` : follow the request; . • `Custom` : custom; . • `Regex` : regular expression matching. .
Regex	String	No	Regular expression matching expression, length range is 1-1024. note: when action is regex, this field is required; when action is follow or custom, this field is not required and will not take effect if filled.
Value	String	No	Redirect target url, length range is 1-1024. note: when action is regex or custom, this field is required; when action is follow, this field is not required and will not take effect if filled.

UpstreamCertInfo

The certificate carried during EO node origin-pull is used when the origin server enables the mutual authentication handshake to validate the client certificate, ensuring that the request originates from a trusted EO node.

Used by actions: DescribeAccelerationDomains.

Name	Type	Required	Description
UpstreamMutualTLS	MutualTLS	No	In the origin-pull mutual authentication scenario, this field represents the certificate (including the public and private keys) carried during EO node origin-pull, which is deployed in the EO node for the origin server to authenticate the EO node. When used as an input parameter, it is left blank to indicate retaining the original configuration.

UpstreamFollowRedirectParameters

Origin-pull redirection parameters configuration

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Switch	String	No	Whether to enable origin-pull to follow the redirection configuration. values:. • `On` : enable; . • Off: disable. .
MaxTimes	Integer	No	The maximum number of redirects. value range: 1-5. Note: this field is required when switch is on; when switch is off, this field is not required and will not take effect if filled.

UpstreamHTTP2Parameters

HTTP2 origin-pull configuration

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable http2 origin-pull. valid values:. • `On` : enable; . • Off: disable. .

UpstreamHttp2

HTTP2 origin-pull configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HTTP2 origin-pull. Valid values: • `on` : Enable;

			• `off` : Disable.

UpstreamRequestCookie

Origin-pull request parameters Cookie configuration

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Switch	String	No	Whether to enable the origin-pull request parameter cookie. valid values:. • `On` : enable; . • Off: disable. .
Action	String	No	Origin-Pull request parameter cookie mode. this parameter is required when `switch` is on. valid values are:. • Full: indicates full retention; . • Ignore: ignore all. . • `IncludeCustom` : retain partial parameters. . • ExcludeCustom: ignore partial parameters. .
Values	Array of String	No	Specifies parameter values. this parameter takes effect only when the query string mode action is `includecustom` or `excludecustom` , and is used to specify the parameters to be reserved or ignored. up to 10 parameters are supported.

UpstreamRequestParameters

Origin-pull request parameters configuration.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
QueryString	UpstreamRequestQueryString	No	Query string configuration. optional. if not

			provided, it will not be configured. Note: this field may return null, which indicates a failure to obtain a valid value.
Cookie	UpstreamRequestCookie	No	Cookie configuration. optional. if not provided, it will not be configured. Note: this field may return null, which indicates a failure to obtain a valid value.

UpstreamRequestQueryString

Origin-pull request parameters query string configuration.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Switch	String	No	Whether to enable origin-pull request parameter query string. values:. • `On` : enable; . • Off: disable. .
Action	String	No	Query string mode. this parameter is required when switch is on. values:. • `Full` : retain all . • `Ignore` : ignore all; . • IncludeCustom: retain partial parameters. . • ExcludeCustom: ignore partial parameters. .
Values	Array of String	No	Specifies parameter values. this parameter takes effect only when the query string mode action is `includecustom` or `excludecustom` , and is used to specify the parameters to be reserved or ignored. up to 10 parameters are supported.

UpstreamURLRewriteParameters

Origin URL rewrite configuration parameters.

Used by actions: CreateL7AccRules, DescribeL7AccRules, ModifyL7AccRule.

Name	Type	Required	Description
Type	String	No	Origin-Pull url rewriting type, only path is supported.
Action	String	No	Origin-Pull url rewrite action. valid values are:. • `Replace` : replace the path prefix. . • `AddPrefix` : add the path prefix. . • `RmvPrefix` : remove the path prefix. .
Value	String	No	Origin-Pull url rewrite value, maximum length 1024, must start with /. note: when action is addprefix, it cannot end with /; when action is rmvprefix, * cannot be present.

VanityNameServers

Custom name servers

Used by actions: DescribeZones, ModifyZone.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable custom name servers. Values: • `on` : Enable • `off` : Disable
Servers	Array of String	No	List of custom name servers

VanityNameServersIps

IP information of the custom name server

Used by actions: DescribeZones.

Name	Type	Description
Name	String	Custom name of the name server
IPv4	String	IPv4 address of the custom name server

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Waf

N/A

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WAF. Values: • `on` : Enable • `off` : Disable
PolicyId	Integer	No	ID of the policy

WafConfig

WAF configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WAF configuration. Values: • `on` : Enable • `off` : Disable The configuration can be modified even when it is disabled.
Level	String	Yes	The protection level. Values: • `loose` : Loose • `normal` : Moderate • `strict` : Strict • `stricter` : Super strict • `custom` : Custom
Mode	String	Yes	The WAF global mode. Values: • `block` : Block globally • `observe` : Observe globally
WafRule	WafRule	No	The settings of the managed rule. If it is null, the settings that were last configured will be used.
AiRule	AiRule	No	The setting of the AI rule engine. If it is null, the setting that was last configured will be used.

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WafRule

WAF rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable managed rules. Values: • `on` : Enable • `off` : Disable
BlockRuleIDs	Array of Integer	Yes	IDs of the rules to be disabled.
ObserveRuleIDs	Array of Integer	Yes	IDs of the rules to be executed in Observe mode.

WebSocket

WebSocket configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WebSocket connection timeout. Values: • `on` : The field "Timeout" can be configured. • `off` : The field "Timeout" is fixed to 15 seconds.
Timeout	Integer	No	The timeout period in seconds. Maximum value: 120.

WebSocketParameters

WebSocket configuration

Used by actions: CreateL7AccRules, DescribeL7AccRules, DescribeL7AccSetting, ModifyL7AccRule, ModifyL7AccSetting.

Name	Type	Required	Description
Switch	String	No	Whether to enable websocket connection timeout. values:. • On: use timeout as the websocket timeout; .

			• Off: the platform still supports websocket connections, using the system default timeout of 15 seconds. .
Timeout	Integer	No	Timeout, unit: seconds. maximum timeout is 120 seconds. note: this field is required when switch is on; otherwise, this field will not take effect.

Zone

Site information

Used by actions: DescribeZones.

Name	Type	Description
ZoneId	String	Site ID.
ZoneName	String	The site name.
OriginalNameServers	Array of String	List of name servers used by the site
NameServers	Array of String	The list of name servers assigned by Tencent Cloud.
Status	String	The site status. Values: u200c • `active` : The name server is switched to EdgeOne. u200c • `pending` : The name server is not switched. u200c • `moved` : The name server is changed to other service providers. u200c • `deactivated` : The site is blocked. • `initializing` : The site is not bound with any plan.
Type	String	Site access method. Valid values: • full: NS access; • partial: CNAME access; • noDomainAccess: access with no domain name.

Paused	Boolean	Whether the site is disabled.
CnameSpeedUp	String	Whether CNAME acceleration is enabled. Values: • `enabled` : Enabled • `disabled` : Disabled
CnameStatus	String	CNAME record access status. Values: • `finished` : The site is verified. • `pending` : The site is being verified.
Tags	Array of Tag	The list of resource tags.
Resources	Array of Resource	The list of billable resources.
CreatedOn	Timestamp ISO8601	The creation time of the site.
ModifiedOn	Timestamp ISO8601	The modification date of the site.
Area	String	The site access region. Values: • `global` : Global. • `mainland` : Chinese mainland. • `overseas` : Outside the Chinese mainland.
VanityNameServers	VanityNameServers	The custom name server information. Note: This field may return null, indicating that no valid values can be obtained.
VanityNameServersIps	Array of VanityNameServersIps	The custom name server IP information. Note: This field may return null, indicating that no valid values can be obtained.
ActiveStatus	String	Status of the proxy. Values: • `active` : Enabled • `inactive` : Not activated • `paused` : Disabled
AliasZoneName	String	The site alias. It can be up to 20 characters consisting of digits, letters, hyphens (-) and underscores (_). Note: This field may return null, indicating that no valid values can be obtained.
IsFake	Integer	Whether it's a fake site. Valid values: • `0` : Non-fake site; • `1` : Fake site.
LockStatus	String	Lock status. Values: • `enable` : Normal. Modification is allowed.

		• `disable` : Locked. Modification is not allowed. • `plan_migrate` : Adjusting the plan. Modification is not allowed.
OwnershipVerification	OwnershipVerification	Ownership verification information Note: This field may return·null, indicating that no valid values can be obtained.

ZoneConfig

Site acceleration configuration.

Used by actions: DescribeL7AccSetting, ModifyL7AccSetting.

Name	Type	Required	Description
SmartRouting	SmartRoutingParameters	No	<Intelligent acceleration configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
Cache	CacheConfigParameters	No	Node cache expiration time configuration. . Note: this field may return null, which indicates a failure to obtain a valid value.
MaxAge	MaxAgeParameters	No	Browser cache rule configuration, which is used to set the default value of maxage and is disabled by default. . Note: this field may return null, which indicates a failure to obtain a valid value.
CacheKey	CacheKeyConfigParameters	No	The node cache key configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
CachePrefresh	CachePrefreshParameters	No	Cache prefresh configuration. Note: this field may return null,

			which indicates a failure to obtain a valid value.
OfflineCache	OfflineCacheParameters	No	Offline cache configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
Compression	CompressionParameters	No	Smart compression configuration. . Note: this field may return null, which indicates a failure to obtain a valid value.
ForceRedirectHTTPS	ForceRedirectHTTPSParameters	No	Forced https redirect configuration for access protocols. . Note: this field may return null, which indicates a failure to obtain a valid value.
HSTS	HSTSParameters	No	HSTS configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
TLSConfig	TLSConfigParameters	No	TLS configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
OCSPStapling	OCSPStaplingParameters	No	OCSP stapling configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
HTTP2	HTTP2Parameters	No	HTTP/2 configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
QUIC	QUICParameters	No	QUIC access configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
UpstreamHTTP2	UpstreamHTTP2Parameters	No	HTTP2 origin-pull configuration.

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			Note: this field may return null, which indicates a failure to obtain a valid value.
IPv6	IPv6Parameters	No	IPv6 access configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
WebSocket	WebSocketParameters	No	WebSocket configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
PostMaxSize	PostMaxSizeParameters	No	POST request transport configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
ClientIPHeader	ClientIPHeaderParameters	No	Client ip origin-pull request header configuration. Note: this field may return null, which indicates a failure to obtain a valid value.
ClientIPCountry	ClientIPCountryParameters	No	Whether to carry the region information of the client ip during origin-pull. Note: this field may return null, which indicates a failure to obtain a valid value.
Grpc	GrpcParameters	No	Configuration of grpc support. Note: this field may return null, which indicates a failure to obtain a valid value.
AccelerateMainland	AccelerateMainlandParameters	No	Accelerate optimization and configuration in mainland china. Note: this field may return null, which indicates a failure to obtain a valid value.
StandardDebug	StandardDebugParameters	No	Standard debugging configuration. . Note: this field may return null,

			which indicates a failure to obtain a valid value.

ZoneConfigParameters

Site configuration information.

Used by actions: DescribeL7AccSetting.

Name	Type	Description
ZoneName	String	The site name.
ZoneConfig	ZoneConfig	Site configuration information. Note: this field may return null, which indicates a failure to obtain a valid value.

ZoneSetting

The site configuration.

Used by actions: DescribeZoneSetting.

Name	Type	Description
ZoneName	String	Name of the site
Area	String	Site acceleration region. Values: • `mainland` : Acceleration in the Chinese mainland. • `overseas` : Acceleration outside the Chinese mainland.
CacheKey	CacheKey	Node cache key configuration Note: This field may return null, indicating that no valid values can be obtained.
Quic	Quic	The QUIC access configuration. Note: This field may return null, indicating that no valid values can be obtained.
PostMaxSize	PostMaxSize	The POST transport configuration. Note: This field may return null, indicating that no valid values can be obtained.
Compression	Compression	Smart compression configuration.

		Note: This field may return null, indicating that no valid values can be obtained.
UpstreamHttp2	UpstreamHttp2	HTTP2 origin-pull configuration Note: This field may return null, indicating that no valid values can be obtained.
ForceRedirect	ForceRedirect	Force HTTPS redirect configuration Note: This field may return null, indicating that no valid values can be obtained.
CacheConfig	CacheConfig	Cache expiration time configuration Note: This field may return null, indicating that no valid values can be obtained.
Origin	Origin	Origin server configuration. Note: This field may return null, indicating that no valid values can be obtained.
SmartRouting	SmartRouting	Smart acceleration configuration Note: This field may return null, indicating that no valid values can be obtained.
MaxAge	MaxAge	Browser cache configuration Note: This field may return null, indicating that no valid values can be obtained.
OfflineCache	OfflineCache	The offline cache configuration. Note: This field may return null, indicating that no valid values can be obtained.
WebSocket	WebSocket	WebSocket configuration. Note: This field may return null, indicating that no valid values can be obtained.
ClientIpHeader	ClientIpHeader	Origin-pull client IP header configuration Note: This field may return null, indicating that no valid values can be obtained.
CachePrefresh	CachePrefresh	Cache prefresh configuration Note: This field may return null, indicating that no valid values can be obtained.
Ipv6	Ipv6	IPv6 access configuration Note: This field may return null, indicating that no valid values can be obtained.
Https	Https	HTTPS acceleration configuration

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		Note: This field may return null, indicating that no valid values can be obtained.
ClientIpCountry	ClientIpCountry	Whether to carry the location information of the client IP during origin-pull. Note: This field may return `null`, indicating that no valid value can be obtained.
Grpc	Grpc	Configuration of gRPC support Note: This field may return `null`, indicating that no valid value can be obtained.
ImageOptimize	ImageOptimize	Image optimization configuration. Note: This field may return `null`, indicating that no valid value was found.
AccelerateMainland	AccelerateMainland	Cross-MLC-border acceleration. Note: This field may return `null`, indicating that no valid values can be obtained.
StandardDebug	StandardDebug	Standard debugging configuration. Note: This field may return null, indicating that no valid values can be obtained.
JITVideoProcess	JITVideoProcess	Just-in-time media processing configuration. Note: This field may return null, which indicates a failure to obtain a valid value.

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Error Codes

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Feature Description

If there is an Error field in the response, it means that the API call failed. For example:

```
{
"Response": {
"Error": {
"Code": "AuthFailure.SignatureFailure",
"Message": "The provided credentials could not be validated. Please check your si
gnature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

Error Code List

Common Error Codes

Error Code	Description
ActionOffline	This API has been deprecated.
AuthFailure.InvalidAuthorization	`Authorization` in the request header is invalid.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key.
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes. Please

	ensure your current local time matches the standard time.
AuthFailure.SignatureFailure	Invalid signature. Signature calculation error. Please ensure you've followed the signature calculation process described in the Signature API documentation.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidAction	The API does not exist.
InvalidParameter	Incorrect parameter.
InvalidParameterValue	Invalid parameter value.
InvalidRequest	The multipart format of the request body is incorrect.
IpInBlacklist	Your IP is in uin IP blacklist.
IpNotInWhitelist	Your IP is not in uin IP whitelist.
LimitExceeded	Quota limit exceeded.
MissingParameter	A parameter is missing.
NoSuchProduct	The product does not exist.
NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
RequestLimitExceeded.GlobalRegionUinLimitExceeded	Uin exceeds the frequency limit.
RequestLimitExceeded.IPLimitExceeded	The number of ip requests exceeds the frequency limit.
RequestLimitExceeded.UinLimitExceeded	The number of uin requests exceeds the frequency

	limit.
RequestSizeLimitExceeded	The request size exceeds the upper limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
ResponseSizeLimitExceeded	The response size exceeds the upper limit.
ServiceUnavailable	Service is unavailable now.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTP(S) request protocol error; only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

Service Error Codes

Error Code	Description
FailedOperation.CertificateHasExpired	The edge HT Issuing expire supported.
FailedOperation.CertificateNotFound	The edge HT exist.
FailedOperation.ConfigConditionSyntaxError	Syntax error i the configurat
FailedOperation.ConfigConditionUnknownTarget	Unrecognizec
FailedOperation.ConfigConditionValueEmptyError	The value fiel cannot be em
FailedOperation.ConfigFieldTypeError	The configura inconsistent d

FailedOperation.ConfigFormatError	Syntax error i
FailedOperation.ConfigMalformedContent	Incorrect form Parsing failed
FailedOperation.ConfigParamValidateErrors	Parameter ve configuration
FailedOperation.ConfigUnknownField	The specified is not recogni spelling error the file structu
FailedOperation.ConfigUnsupportedFormatVersion	The current c supported.
FailedOperation.CreateClsLogSetFailed	Failed to crea the log set na
FailedOperation.CreateClsLogTopicTaskFailed	Failed to crea whether the lo already exists
FailedOperation.CreateLogTopicTaskAuthFailure	Authentication custom push t push address
FailedOperation.EdgeClientCertificateHasExpired	The edge clie not supported for the time be
FailedOperation.FailedToCallDNSPod	Failed to call later. if the iss the intelligent ticket.
FailedOperation.FunctionDeploying	Another task i again later.
FailedOperation.InsufficientAccountBalance	The account b
FailedOperation.InvalidZoneStatus	The site statu
FailedOperation.MissingConfigChunk	The content is configuration
FailedOperation.ModifyFailed	Operation fail

FailedOperation.RealtimeLogAuthFailure	The real-time
FailedOperation.RealtimeLogNotFound	The real-time
FailedOperation.RuleOperationConflict	Function rule site.
FailedOperation.UnknownConfigGroupType	Unknown con
FailedOperation.UpstreamClientCertificateHasExpired	The client cer mutual auther supported to i
InternalError.BackendError	Server error.
InternalError.ConfigLocked	The configura and try again.
InternalError.DBError	Database erro
InternalError.DomainConfig	Failed to get c
InternalError.FailedToGenerateUrl	Failed to gene
InternalError.GetRoleError	Failed to get t
InternalError.ProxyServer	An unknown e server.
InternalError.QuotaSystem	Server error.
InternalError.RouteError	The backend
InternalError.SystemError	Internal syste
InternalError.UnknowError	Unknown erro
InvalidParameter.AccessRedirectRegexError	The regex is r format.
InvalidParameter.ActionInProgress	Too many atte
InvalidParameter.AliasDomainNotSupportKeyless	Alias domain configuring a
InvalidParameter.AliasDomainNotSupportSMCert	Chinese SM c for alias doma
InvalidParameter.BadContent	The function c

InvalidParameter.BadFunctionName	The function r specifications
InvalidParameter.CacheKeyQueryStringRequiresFullUrlCacheOff	Invalid query s
InvalidParameter.CacheKeyQueryStringTooManyValue	The query stri
InvalidParameter.CertNotMatchDomain	Invalid edge H configuration. match the dor
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.CertToExpire	The edge HT expire.
InvalidParameter.CertTooShortKeySize	Invalid edge H configuration. meet the mini RSA>=2048, and EC>=225
InvalidParameter.CertificateConflictWithKeylessServer	The domain n bound to a ce Please bind it
InvalidParameter.ClientIpCountryConflictsWithIpv6	IPv6 access c geographical
InvalidParameter.CnameWildHostNotAllowApplyCertificate	Unable to app under CNAME
InvalidParameter.CompressionInvalidAlgorithms	Invalid compr
InvalidParameter.ConflictHostOrigin	The origin car domain name
InvalidParameter.ContentExceedsLimit	The function c limit.
InvalidParameter.DomainNotFound	The domain n belong to this
InvalidParameter.DomainOnTrafficScheduling	Traffic schedu the current do
InvalidParameter.DuplicateRule	Duplicate rule

InvalidParameter.EdgeClientCertCheckError	Invalid edge c
InvalidParameter.ErrActionUnsupportTarget	The current c requested ope
InvalidParameter.ErrInvalidAction	Invalid operat
InvalidParameter.ErrInvalidActionDuplicateAction	Invalid operat configuration.
InvalidParameter.ErrInvalidActionOriginPrivateAddress	Invalid rule er server IP can loopback add
InvalidParameter.ErrInvalidActionParam	Invalid operat
InvalidParameter.ErrInvalidActionParamAction	Invalid param
InvalidParameter.ErrInvalidActionParamBadValueType	Invalid value t "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid param names.
InvalidParameter.ErrInvalidActionParamName	Invalid value t "action".
InvalidParameter.ErrInvalidActionParamTooManyValues	Invalid param many values.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action
InvalidParameter.ErrInvalidCondition	Invalid conditi
InvalidParameter.ErrInvalidConditionCannotOnlyContainHostWhenModifyOriginActionConfigured	The operation server cannot matching type
InvalidParameter.ErrInvalidConditionHostTooManyWhenModifyOriginActionConfigured	You can only type when mo
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid conditi ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid conditi
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid conditi

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	supported by
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid conditi expression fo
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid param
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid conditi invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid param not allowed.
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid conditi exceeds the li
InvalidParameter.ErrInvalidConditionValueTooManyRegular	The condition expressions.
InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid conditi exceeds the li
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid conditi the parameter
InvalidParameter.ErrInvalidConditionValueZeroLength	Invalid conditi 0.
InvalidParameter.ErrInvalidElseWhenModifyOriginActionConfigured	ELSE is not s modification.
InvalidParameter.ErrNilCondition	Empty conditi
InvalidParameter.FunctionNameConflict	The function r another functi
InvalidParameter.GrpcRequireHttp2	To enable gR must be enab
InvalidParameter.HostHeaderInvalid	Host header e
InvalidParameter.HostNotFound	The domain n
InvalidParameter.HostStatusNotAllowApplyCertificate	CNAME is no routed to the E
InvalidParameter.InvalidAccelerateType	Parameter err
InvalidParameter.InvalidAuthentication	Invalid token a

InvalidParameter.InvalidAuthenticationTypeExpireTime	Invalid token a time.
InvalidParameter.InvalidAuthenticationTypeSecretKey	Invalid key for
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token a
InvalidParameter.InvalidAuthenticationTypeTimeFormat	Invalid auther
InvalidParameter.InvalidAuthenticationTypeTimeParam	Invalid auther
InvalidParameter.InvalidAutoUseVoucher	The format of is incorrect. E
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-p
InvalidParameter.InvalidAwsRegion	Invalid region of the third-pa
InvalidParameter.InvalidAwsSecretKey	Invalid third-p
InvalidParameter.InvalidBackupServerName	Invalid secon
InvalidParameter.InvalidCacheConfigCache	Invalid node c
InvalidParameter.InvalidCacheConfigFollowOrigin	Invalid node c followed.
InvalidParameter.InvalidCacheKey	Invalid cache
InvalidParameter.InvalidCacheKeyCookie	Invalid cache
InvalidParameter.InvalidCacheKeyIgnoreCase	Cases are ign
InvalidParameter.InvalidCacheKeyQueryStringAction	Invalid query s
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query s
InvalidParameter.InvalidCacheKeyScheme	Invalid cache
InvalidParameter.InvalidCacheOnlyOnSwitch	Invalid node c
InvalidParameter.InvalidCacheTime	Invalid node c
InvalidParameter.InvalidCertInfo	Invalid edge H information.
InvalidParameter.InvalidClientIpCountryHeaderName	Invalid client I HeaderName

	alphanumeric or end with hy
InvalidParameter.InvalidClientIpHeaderName	Invalid client I
InvalidParameter.InvalidClientIpOrigin	Invalid origin f
InvalidParameter.InvalidConditions	Invalid conditi
InvalidParameter.InvalidCosDomain	Invalid origin- `OriginTyp` the origin add storage doma
InvalidParameter.InvalidDomains	The domain n a non-existen the input para
InvalidParameter.InvalidDynamicRoutine	Invalid smart
InvalidParameter.InvalidDynamicRoutineBilling	The package Acceleration.
InvalidParameter.InvalidErrorPage	Invalid custon
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custon
InvalidParameter.InvalidFilterName	Invalid filter fie
InvalidParameter.InvalidForceRedirectType	Invalid forced
InvalidParameter.InvalidHttps	Invalid param
InvalidParameter.InvalidHttpsCertInfo	Invalid edge H configuration. invalid.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher su version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTPS
InvalidParameter.InvalidInterval	Invalid interva [min 5min hou
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 s

InvalidParameter.InvalidLogFormatFieldDelimiter	The field sepa is incorrect.
InvalidParameter.InvalidLogFormatFormatType	The log outpu
InvalidParameter.InvalidLogFormatRecordDelimiter	The log recor format is inco
InvalidParameter.InvalidMaxAgeFollowOrigin	Invalid browse
InvalidParameter.InvalidMaxAgeTime	Invalid browse
InvalidParameter.InvalidMetric	The query dim
InvalidParameter.InvalidOrigin	Invalid origin s
InvalidParameter.InvalidOriginGroupType	The origin ser
InvalidParameter.InvalidOriginIp	The origin car loopback add
InvalidParameter.InvalidOriginType	Incorrect origi
InvalidParameter.InvalidOriginValue	The origin ser
InvalidParameter.InvalidParameter	Invalid param
InvalidParameter.InvalidPeriod	The plan cycl the correct for
InvalidParameter.InvalidPlanType	The plan type correct formal
InvalidParameter.InvalidPostMaxSizeBilling	The speciThe limiting the ma
InvalidParameter.InvalidPostSizeValue	Invalid POST
InvalidParameter.InvalidPrivateAccessParams	AccessKeyId required to ac storage.
InvalidParameter.InvalidPrivateAccessSwitch	The value of be `on` or
InvalidParameter.InvalidProxies	The layer 4 pr a non-existing parameters.

InvalidParameter.InvalidQuicBilling	The plan does
InvalidParameter.InvalidQuotaNumber	The quota qua Enter the corr
InvalidParameter.InvalidQuotaType	The quota typ the correct qu
InvalidParameter.InvalidRangeOriginPull	Invalid Range
InvalidParameter.InvalidRenewFlag	The auto-rene Enter the corr
InvalidParameter.InvalidRequestHeaderName	Invalid reques
InvalidParameter.InvalidRequestHeaderNameXff	Invalid reques
InvalidParameter.InvalidRequestHeaderValue	Invalid reques
InvalidParameter.InvalidResourceIdBilling	You have not
InvalidParameter.InvalidResponseHeaderName	Invalid respor
InvalidParameter.InvalidResponseHeaderValue	Invalid respor
InvalidParameter.InvalidRuleEngine	The rule engi
InvalidParameter.InvalidRuleEngineAction	Invalid rule en
InvalidParameter.InvalidRuleEngineNotFound	The rule does
InvalidParameter.InvalidRuleEngineTarget	Invalid rule en
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file ext condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL ir
InvalidParameter.InvalidRuleProto	Incorrect prot
InvalidParameter.InvalidServerName	Invalid origin
InvalidParameter.InvalidStandardDebug	Invalid debug
InvalidParameter.InvalidStandardDebugClientIp	Invalid client I
InvalidParameter.InvalidStandardDebugEmptyList	The AllowClie mandatory. Tl segments are

	indicates that debugged, an clients can be
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiratior
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull rec Invalid query s
InvalidParameter.InvalidUrlRedirect	Invalid URL re
InvalidParameter.InvalidUrlRedirectHost	Invalid target rule.
InvalidParameter.InvalidUrlRedirectUrl	The target UF
InvalidParameter.InvalidWebSocketTimeout	Invalid WebS
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache
InvalidParameter.LengthExceedsLimit	Maximum par
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Lo required in the origin server.
InvalidParameter.LoadBalancerBindL4NotInStableStatus	The Layer-4 p LoadBalancer edit later.
InvalidParameter.LoadBalancerBindL7NotInStableStatus	The Layer-7 c referencing a deployed. Ple
InvalidParameter.LoadBalancerNameRepeated	The LoadBala site should be
InvalidParameter.LoadBalancerUsedInL4Proxy	The LoadBala layer-4 instan
InvalidParameter.LoadBalancerUsedInL7Domain	The LoadBala layer-7 domai deleted.
InvalidParameter.LoadBalancerUsedInRuleEngine	The LoadBala rule engine ar
InvalidParameter.ModifyParametersMissing	Modification p

InvalidParameter.MultiplyLayerNotSupportSmartRouting	Smart routing
InvalidParameter.NotSupportThisPreset	Unsupported
InvalidParameter.OCDirectOriginRequiresSmartRouting	The domain n requests to th Acceleration r
InvalidParameter.OriginGroupTypeCanNotMatchLBType	The type of th not match the
InvalidParameter.OriginIsInnerIp	The origin ad address.
InvalidParameter.OriginL4RecordIPV4MixDomain	The layer-4 pr IPs and doma
InvalidParameter.OriginL4RecordMultiDomain	Usage of mult forbidden for l
InvalidParameter.OriginNameExists	The origin gro
InvalidParameter.OriginOriginGroupIdIsRequired	The origin gro
InvalidParameter.OriginPullProtocolIsRequired	The return pro operation of m
InvalidParameter.OriginRecordFormatError	Incorrect origi
InvalidParameter.OriginRecordWeightValue	Weight value
InvalidParameter.OriginThirdPartyParamFormatError	The key forma
InvalidParameter.ParameterError	Parameter err interval betwe cannot exceed
InvalidParameter.PlanNotFound	The plan does
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upl
InvalidParameter.ProxyNameDuplicating	The instance
InvalidParameter.ProxyNameNotMatched	Instance nam characters. Th to z, 0 to 9, ar alone or used placed at the

InvalidParameter.RealtimeLogEntityAlreadyCreated	The push inst
InvalidParameter.RealtimeLogInvalidDeliveryArea	The log push
InvalidParameter.RealtimeLogInvalidLogType	The log push
InvalidParameter.RealtimeLogInvalidTaskType	The real-time
InvalidParameter.RealtimeLogNumsExceedLimit	The real-time the limit.
InvalidParameter.ResponseHeaderCacheControlNotAllowDelete	Invalid respor
InvalidParameter.RuleOriginFormatError	Incorrect origi of the rules.
InvalidParameter.RuleOriginMultiDomain	The origin of t multiple doma
InvalidParameter.RuleOriginPortInteger	The origin por integer.
InvalidParameter.RuleOriginValueError	Invalid origin i
InvalidParameter.RulePortDuplicating	The rule port a
InvalidParameter.RulePortGroup	Incorrect port rules.
InvalidParameter.RulePortInteger	The port numb integer.
InvalidParameter.Security	Invalid param
InvalidParameter.SettingInvalidParam	Configuration
InvalidParameter.SomeOriginGroupNotExist	Some bound exist.
InvalidParameter.SpaceNotBindOrigin	Shield Space
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status
InvalidParameter.Target	Resource erro
InvalidParameter.TaskNotGenerated	Failed to crea
InvalidParameter.TaskSystemError	Internal error.

InvalidParameter.TlsVersionNotInSequence	TLS version is
InvalidParameter.TooManyFilterValues	Too many filte
InvalidParameter.TooManyFilters	Too many filte
InvalidParameter.UploadUrl	Invalid file upl
InvalidParameter.UpstreamClientCertCheckError	Invalid origin-configuration.
InvalidParameter.ZoneHasBeenBound	The site is alr
InvalidParameter.ZoneHasNotBeenBoundToPlan	The zone is n
InvalidParameter.ZoneIsGrayPublishing	The site is bei not supported
InvalidParameter.ZoneNameIsRequired	To switch a si domain name CNAME, the s
InvalidParameter.ZoneNotFound	The site does
InvalidParameterValue.AccessBlacklist	The domain n banned.
InvalidParameterValue.AliasDomainNotSupportEdgeMTLS	Alias domain configuration authentication
InvalidParameterValue.AliasDomainNotSupportUpstreamMTLS	Alias domain configuration authentication
InvalidParameterValue.CertificateVerifyClientMustCa	
InvalidParameterValue.CertificateVerifyClientNeedCert	
InvalidParameterValue.CertificateVerifyUpstreamClientMustRSAorECC	Currently, only certificates ar mutual auther algorithm cert
InvalidParameterValue.CertificateVerifyUpstreamClientMustSVR	The certificate mutual auther cannot be cor
InvalidParameterValue.CertificateVerifyUpstreamClientNeedCert	Origin-pull mu

	configuration certificate.
InvalidParameterValue.ClientCertInfoQuotaLimit	
InvalidParameterValue.ConflictRecord	It conflicts wit
InvalidParameterValue.ConflictWithDNSSEC	DNS records
InvalidParameterValue.ConflictWithDomain	The DNS reco domain name
InvalidParameterValue.ConflictWithNSRecord	This DNS rec records.
InvalidParameterValue.ContentSameAsName	The host reco record value.
InvalidParameterValue.ContentTypeNotMatch	The page con Content-Type
InvalidParameterValue.DomainNotMatchZone	The specified match the site
InvalidParameterValue.FormatMismatch	Format misma
InvalidParameterValue.GeneralMismatch	Configuration
InvalidParameterValue.IncludeInvalidValue	Contains inva
InvalidParameterValue.InvalidAliasDomainName	The alias dom contain nume hyphens, but beginning or t
InvalidParameterValue.InvalidAliasNameSuffix	Invalid alias d for internal us the alias doma
InvalidParameterValue.InvalidDNSContent	Incorrect DNS
InvalidParameterValue.InvalidDNSName	Incorrect DNS
InvalidParameterValue.InvalidDomainName	Invalid accele contain [0-9], start or end w
InvalidParameterValue.InvalidDomainStatus	Invalid domai status.

InvalidParameterValue.InvalidKeylessServerId	Invalid keyles
InvalidParameterValue.InvalidProxyOrigin	Incorrect DNS
InvalidParameterValue.InvalidTagValue	The tag value
InvalidParameterValue.MissingNecessaryParam	Missing requi parameters.
InvalidParameterValue.NotAllowedWildcardSharedCNAME	Wildcard dom supported.
InvalidParameterValue.NotInEnumeration	The value is n collection.
InvalidParameterValue.NotWithinRange	The value is n
InvalidParameterValue.OriginGroupNotExists	The specified
InvalidParameterValue.PageNameAlreadyExist	The page nan
InvalidParameterValue.RegExMismatch	Does not mat expression.
InvalidParameterValue.ServerCertInfoNeedContainRSAorECC	Edge mTLS is uses an RSA the same algo be configured certificate.
InvalidParameterValue.ServerCertInfoNeedContainSM2	Edge mTLS is uses a nationa the national e also be config certificate.
InvalidParameterValue.SharedCNAMEPrefixNotMatch	Enter a valid s to 50 characte
InvalidParameterValue.TopLevelDomainNotSupport	The current d for access. Pl to use it.
InvalidParameterValue.TrialPlanResponsePage	Referencing is page of the tri
InvalidParameterValue.UnrecognizableValue	Configuration

InvalidParameterValue.UpstreamClientCertInfoQuotaLimit	One client cer the origin-pull configuration.
InvalidParameterValue.ZoneNameInvalid	The zone nam input a correc
InvalidParameterValue.ZoneNameNotSupportPunyCode	Punycode acc present.
InvalidParameterValue.ZoneNameNotSupportSubDomain	The zone doe access. Pleas for zone acce
InvalidParameterValue.ZoneSameAsName	The site alias
LimitExceeded.BatchQuota	Reached the number
LimitExceeded.CustomLogFieldRegexLimitExceeded	The number c fields in real-ti exceeds the li
LimitExceeded.DailyQuota	Reached the number
LimitExceeded.FunctionLimitExceeded	The number c limit.
LimitExceeded.LoadBalancingCountLimitExceeded	The number c the limit.
LimitExceeded.PackNotAllow	Not supported
LimitExceeded.ProxyRulesLimitExceeded	The number c exceeded the
LimitExceeded.QueryTimeLimitExceeded	Query time lin
LimitExceeded.RateLimitExceeded	Reached the /
LimitExceeded.RuleLimitExceeded	The number c
LimitExceeded.Security	Limit exceede
LimitExceeded.UserQuotaLimited	User instance
LimitExceeded.ZoneBindPlan	Reached the

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OperationDenied	Operation der
OperationDenied.AccelerateMainlandDisable	Cross-MLC-b To join the be
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-b cannot be cor
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing c current site cc mainland netv cannot be cor
OperationDenied.AccelerationDomainStatusNotInOnline	An L7 DNS se group is being
OperationDenied.CertificatePrivateKeyIsEmpty	Currently, onl allows the priv be empty.
OperationDenied.ComplianceForbidden	The current c
OperationDenied.ConfigLocked	The configura and try again.
OperationDenied.DNSPodUnauthorizedRoleOperation	The TEO_QCSLir role is not autl and try again.
OperationDenied.DeleteZonePreCheckFailed	The pre-check
OperationDenied.DisableZoneNotCompleted	The EdgeOne disabled. Plea
OperationDenied.DomainInShareCnameGroup	Switch failed: the shared CN
OperationDenied.DomainIsBlocked	Unable to use blocked.
OperationDenied.DomainNoICP	The domain n filing number.
OperationDenied.DomainNumberIsNotZero	Unable to mo are domain na
OperationDenied.DomainStatusUnstable	Some domain

	currently expe stable states f "online" and "(
OperationDenied.EnterprisePlanAutoRenewUnsupported	The Enterpris support auto-r
OperationDenied.EnterprisePlanRenewUnsupported	The Enterpris support renew
OperationDenied.EnterprisePlanUpgradeUnsupported	The Enterpris support upgra
OperationDenied.EnvNotReady	The site envir
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne disabled. Plea
OperationDenied.HostsClientCertificateInconsistency	The edge mut certificates for changed are i that the doma consistent and
OperationDenied.HostsKeylessServerInconsistency	The keyless s be changed is that the keyles retrying.
OperationDenied.HostsUpstreamCertificateInconsistency	The origin-pul certificates for changed are i that the doma consistent and
OperationDenied.InvalidAdvancedDefenseSecurityType	The security s when you ena
OperationDenied.InvalidAdvancedDefenseZoneArea	The accelerat be in the Chin enable the DD
OperationDenied.Ipv6AdvancedConflict	Exclusive DDo IPv6. They ca same time.
OperationDenied.Ipv6StaticIpConflict	The IPv6 feat enabled at the

OperationDenied.KeylessCertSwitchToFreeCertConflict	The domain n different certif Please confirr certificate or k before retrying
OperationDenied.KeylessModeCertificatePrivateKeyNeedEmpty	The keyless c private key of
OperationDenied.L4LackOfResources	The layer-4 in skyrocketing a sold out. Repl Currently, nev added. Please
OperationDenied.L4PortLackOfResources	The sale of La booming and are urgently re possible to ad rules, and we
OperationDenied.L4ProxyInBannedStatus	Operation fail
OperationDenied.L4ProxyInOfflineStatus	The Layer 4 c addition is dis
OperationDenied.L4ProxyInProcessStatus	The instance and cannot be
OperationDenied.L4ProxyInProgressStatus	The EdgeOne for the site: A deployed.
OperationDenied.L4ProxyInStoppingStatus	Unable to disa proxy instance
OperationDenied.L4StatusNotInOnline	Unable to ope it's not runnin
OperationDenied.L7HostInProcessStatus	The EdgeOne for the site: Ar is being deplo
OperationDenied.LatestVersionNow	The origin allo version. no ne
OperationDenied.LoadBalanceStatusNotInOnline	The affiliated

	a running stat
OperationDenied.LoadBalancingZoneIsNotActive	The site statu operations on
OperationDenied.MsgIpv6AdvancedConflict	IPv6 cannot b exclusive prot
OperationDenied.MultipleCnameZone	Unable to swi using CNAME
OperationDenied.NSNotAllowTrafficStrategy	Domain traffic in NS access
OperationDenied.NoDomainAccessZoneOnlyAllowModifiedToCNAME	You can only without a dom the CNAME
OperationDenied.NoDomainAccessZoneOnlySupportModifyType	You can only without a dom the CNAME. (allowed.
OperationDenied.NotInKeylessWhiteList	Currently, the available only
OperationDenied.NotInUpstreamMTLSWhiteList	The current o authentication allowlist users
OperationDenied.NotInVersionControlWhiteList	The current u whitelist for ve
OperationDenied.OriginGroupAccelerationDomainUsed	Failed to dele name is in use
OperationDenied.OriginGroupL4Used	The Layer 4 p deleted.
OperationDenied.OriginGroupLBUsed	The Cloud Lo cannot be del
OperationDenied.OriginGroupRuleEngineUsed	The rule engi deleted.
OperationDenied.OwnershipVerificationNotPassed	Ownership ve complete the first.

OperationDenied.PlanDowngradeNotAllowed	A plan downg
OperationDenied.PlanHasBeenExpired	The plan has
OperationDenied.PlanHasBeenIsolated	The plan has
OperationDenied.PlanIncreasePlanQuotaUnsupported	This plan doe additional pla
OperationDenied.PlanNotSupportModifyZoneArea	The specified changing the
OperationDenied.PlatTypeIPAccelerateMainlandNotSupport	This site is us mode and doe border accele
OperationDenied.PleaseContactBusinessPersonnel	To create an I contact the bu
OperationDenied.RecordIsForbidden	The DNS reco
OperationDenied.ResourceHasBeenLocked	Billing resourc again later.
OperationDenied.ResourceLockedTemporary	This operatior operations. Tr
OperationDenied.SharedCNAMEUnsupportedAccelerateMainland	The domain n CNAME and c "Cross-MLC-I unbind the do CNAME first.
OperationDenied.SharedCNAMEUnsupportedIPv6	The domain n CNAME and c access". Plea from the share
OperationDenied.StaticIpAreaConflict	The static IP c instance's reg
OperationDenied.UnSupportToCloseUpstreamMTLS	Disabling the authenticatior disable it, plea certificate con
OperationDenied.UnsupportedPlan	The package

OperationDenied.UpdateIPWhitelistFirst	Please first up
OperationDenied.UseUpstreamMTLSNeedOpenHttps	To enable the authenticatior HTTPS certifi
OperationDenied.VersionControlIsGraying	There is a tes release the te environment, and try again.
OperationDenied.VersionControlLocked	The operation version mana
OperationDenied.WorkModeNotInVersionControl	The specified applicable to t mode.
OperationDenied.ZoneIsBindingSharedCNAME	The shared C another site. F
OperationDenied.ZoneIsReferenceCustomErrorPage	Error found in page. Please
OperationDenied.ZoneNotActive	The zone is d
ResourceInUse.AliasDomain	Resources oc names under
ResourceInUse.AliasName	The alias dom
ResourceInUse.Cname	Resources oc CNAME.
ResourceInUse.Dns	DNS resource
ResourceInUse.DnsRecord	The domain n need to enabl DNS Records
ResourceInUse.DuplicateName	Duplicate alia
ResourceInUse.GenericHost	Resources oc domain name
ResourceInUse.Host	Resources oc names under

ResourceInUse.NS	Resources oc NS.
ResourceInUse.Others	The resource EdgeOne by a
ResourceInUse.OthersAliasDomain	Resources oc names under
ResourceInUse.OthersCname	Resources oc CNAME.
ResourceInUse.OthersHost	Resources oc names under
ResourceInUse.OthersNS	Resources oc NS.
ResourceInUse.SelfAndOthersCname	Resources oc others via CN
ResourceInUse.SharedCNAME	Unable to del bound to an a Please remov
ResourceInUse.Zone	The alias dom
ResourceNotFound.DNSPodDomainNotInAccount	The domain n accessed via after DNSPoc
ResourceNotFound.PostMaxSizeQuotaNotFound	Maximum upl
ResourceNotFound.VersionNotFound	The configura exist. Please
ResourceUnavailable.CertNotFound	The certificate authorized.
ResourceUnavailable.DomainAlreadyExists	The domain n EdgeOne by a retrieve it first
ResourceUnavailable.DomainNotFound	The requeste doesn't exist.
ResourceUnavailable.FunctionNotFound	The function belong to this

ResourceUnavailable.HostNotFound	The domain n use a proxy.
ResourceUnavailable.RuleNotFound	The rule does to the accoun
ResourceUnavailable.SharedCNAMEAlreadyExists	The shared C
ResourceUnavailable.ZoneNotFound	The site does this account.
ResourcesSoldOut.L7LackOfResources	
UnauthorizedOperation.CamUnauthorized	CAM is not au
UnauthorizedOperation.DomainEmpty	Authentication
UnauthorizedOperation.NoPermission	The sub-acco operation. Ple
UnauthorizedOperation.Unknown	An unknown e server.
UnsupportedOperation.TargetNameOriginTypeCos	The origin typ cannot be CO

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