

API Gateway

Release Notes and Announcements

Product Documentation



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Release Notes and Announcements

Release Notes

Last updated: 2022-11-21 15:24:17

June 2022

Update	Description	Release Date	Documentation
The custom plugin supported the proxy backend	API Gateway's custom (verification, response body, and request body) plugins can be bound to a service deployed on the public network or in a VPC, allowing for greater flexibility.	2022-06-20	–
Supported the anti-replay plugin	The anti-replay plugin is provided by API Gateway dedicated instances to protect APIs from replay attacks.	2022-06-20	–
Marketplace Dashboard was available free of charge for a limited period of time	Tencent Cloud API Gateway releases the Marketplace Dashboard feature, which is available free of charge for a limited period of time.	2022-06-20	–
Supported multiple backend types for API importing	All the backend types are supported for the API importing feature.	2022-06-20	–
Supported TLS version control	API Gateway dedicated instances now support TLS versions.	2022-06-20	–
Billing of the public network outbound traffic from API Gateway to backend services	Starting from 23:59:59 on August 15, 2022, Tencent Cloud API Gateway instances (shared, dedicated, and exclusive instances) will be billed by actual traffic if their access to backend services generates public network outbound traffic.	2022-06-20	–

October 2021

Update	Description	Release	Documentation
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		Date	ion
Supported the conditional routing plugin	The conditional routing plugin provides the capability to forward different client requests to different backend addresses according to the requested parameter values and system parameter values. It can be widely used in scenarios such as canary release, blue-green deployment and tenant routing.	2021-10-27	Conditional Routing Plugin
Mainstream resources supported tagging	Mainstream API Gateway resources such as instances, plugins, and applications support tagging and authorization based on tags, reducing your cost of managing API Gateway resources.	2021-10-27	Tag
Released Cloud Native Gateway	Cloud Native Gateway is an API gateway hosting product incubated by Tencent Cloud that is 100% compatible with the open-source Kong gateway. It is fully compatible with open-source resources and eliminates deployment or Ops. It features high performance and high reliability and supports Tencent Cloud plugins, greatly reducing your costs of setting up gateways.	2021-10-20	Creating Cloud Native Gateway

September 2021

Update	Description	Release Date	Documentat ion
Supported the custom request body plugin	The custom request body plugin is based on Serverless Cloud Function (SCF) and applies during request process. The API Gateway will forward the request content to the specified SCF after receiving it from the client. SCF will send the modified content of the request body to the API Gateway after modifying it. Then, the API Gateway will forward the modified request body to the backend.	2021-09-24	Custom Request Body
Supported the custom verification plugin	The custom verification plugin applies during the request process. API Gateway	2021-09-24	Custom Verification

	will forward the request to the verification function after receiving it from the client. Then, the request will be forwarded to the service backend only if it passes the verification by the function; otherwise, the request will be denied.		
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August 2021

Update	Description	Release Date	Documentat ion
Supported upstreams	API Gateway supports connection of backends with upstreams to forward requests to multiple nodes on backends directly without through private CLBs.	2021-08-20	Upstreams

July 2021

Update	Description	Release Date	Documentat ion
Supported custom CORS plugin	If the default CORS configuration of API Gateway cannot meet your needs, you can configure custom complex CORS rules through the CORS plugin and bind it to APIs.	2021-07-30	CORS

June 2021

Update	Description	Release Date	Documentat ion
Disaster recovery across AZs was supported by dedicated instances	You can choose up to two AZs at a time for deployment when purchasing a dedicated instance to improve the reliability.	2021-06-27	–
4XX and 5XX error codes monitoring was supported	4XX and 5XX error codes monitoring metrics are integrated to provide corresponding warnings.	2021-06-15	Monitoring Metrics
Dedicated instances were officially launched	API Gateway officially launches dedicated instances. The underlying resources of a dedicated instance are exclusive to the	2021-06-02	Instance Specificatio n

user. Compared with a shared instance, a dedicated instance can provide higher performance and SLA guarantee and thus is more suitable for use in production environments by large companies.

May 2021

Update	Description	Release Date	Documentation
Supported connection of backends with EventBridge	API Gateway supports connection of backends with EventBridge, and the APIs hosted in the API Gateway are used as the event bus entry.	2021-05-23	APIGW connector
Optimization of importing/exporting APIs	Importing/exporting APIs supports importing/exporting of APIs in the SCF backend.	2021-05-10	Defining APIs
Basic traffic throttling plugin was supported	The basic traffic throttling plugin is a powerful traffic throttling component provided by API Gateway. It can throttle traffic in three dimensions of API, application, and client IP by second, minute, hour, or day.	2021-05-08	Basic Traffic Throttling

April 2021

Update	Description	Release Date	Documentation
Optimized service log search	Real-Time service logs can be searched for by environment and path.	2021-04-14	–
Released API Doc Generator	You can use API Doc Generator to generate exquisite API documents for APIs hosted in API Gateway and provide them to third-party callers of your APIs.	2021-04-14	API Doc Generator
Released the plugin feature	Plugins are advanced feature configurations provided by API Gateway. You can create configuration items such as IP access control through plugins and then bind the plugins to APIs for them to take effect.	2021-04-13	Plugins

January 2021

Update	Description	Release Date	Documentat ion
Base64 Encoding	When the connected backend is SCF, enabling Base64 encoding is available. API Gateway will Base64–encode the requested content and forward it to SCF for binary data upload.	2021–01–21	Base64 Encoding
Optimized monitoring	The service statistics feature is added. You can view the statistics of all services under your account within a day to quickly locate problems.	2021–01–21	–

December 2020

Update	Description	Release Date	Documentat ion
Launched the mandatory HTTPS feature for custom domain name	On the custom domain name configuration page, if the protocol is HTTPS&HTTPS or HTTPS, the mandatory HTTPS feature can be enabled. After it is enabled, API Gateway will redirect requests using the custom domain name over the HTTP protocol to the HTTPS protocol.	2020–12–25	Configuring a Custom Domain Name
Supported JSON data during WebSocket protocol connection to SCF	When the WebSocket protocol is connected to SCF, data in JSON type is supported.	2020–12–18	–
Synced trigger data	The issue where the data was out of sync between the SCF APIs connected to API Gateway and the API Gateway triggers of SCF is fixed, so that no matter on which side the data is modified, corresponding changes will be made on the other side.	2020–12–02	–

November 2020

Update	Description	Release	Documentat
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		Date	ion
Supported response compression	Response compression based on the gzip algorithm is supported, which can effectively reduce the transferred data amount, response time, and server network bandwidth usage and improve the client performance.	2020-11-17	Compressing Responses

October 2020

Update	Description	Release Date	Documentat ion
Adjusted billing	The billing mode of resource pack (prepaid) is added. Resource packs can be obtained through free tier and marketing campaigns. Free tier is implemented through resource packs, which will be automatically rewarded when a new user activates the API Gateway service.	2020-10-12	Resource Pack (Prepaid)
Optimized monitoring	The API statistics feature is added. You can view the statistics of all APIs under the service within a day to quickly locate problems.	2020-10-26	Viewing API Statistics

September 2020

Update	Description	Release Date	Documentat ion
Signature tool added	The API Gateway signature tool is a web tool provided by Tencent Cloud API Gateway to generate request signatures for key pair authentication APIs.	2020-09-21	Signature Tool

August 2020

Update	Description	Release Date	Document ation
Optimized experience	You can view API documents in the rich text or Markdown format.	2020-08-20	–

	After you return from the API details page to the API list page, the search parameters and paging parameters are retained, facilitating API management.		
Tags supported	Tags can be added for API Gateway services so that users can manage cloud resources using tags.	2020-08-05	Tag
Optimized experience	A new overview page is available for the API Gateway console, with multiple added features such as quick access, exception alarms, quota limits, and announcements.	2020-08-05	–

July 2020

Update	Description	Release Date	Documentation
Optimized experience	API Gateway console supports quick deletion and batch deletion of services.	2020-07-20	Deleting Services

June 2020

Update	Description	Release Date	Documentation
Supported alias configuration	Alias configuration is supported when API backends are connected with SCFs.	2020-06-20	–

May 2020

Update	Description	Release Date	Documentation
Identity verification was required	Identity verification is added. Users who have not passed identity verification cannot access the API Gateway.	2020-05-31	–
Log search upgraded	Operator search is supported for service logs. Therefore, issues can be located more effectively.	2020-05-14	View Log Analysis

April 2020

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Update	Description	Release Date	Documentation
Optimized experience	Viewing monitoring graphs is supported at the environment granularity.	2020-04-15	–
Optimized experience	Monthly aggregate data can be viewed on the overview page in the console.	2020-04-15	–
Importing APIs was supported	It supports importing OpenAPI definition to API Gateway to create APIs.	2020-04-10	Importing APIs
CloudAudit was integrated	CloudAudit is integrated. Users can view operation logs independently.	2020-04-03	Viewing Operation Logs

March 2020

Update	Description	Release Date	Documentation
Cloud API 3.0 was supported	Cloud API 3.0 is fully supported.	2020-03-26	API Doc Generator
Optimized experience	You can continue to use the API Gateway service within 24 hours (inclusive) after your account has overdue payment.	2020-03-03	Notes on Overdue Payment

February 2020

Update	Description	Release Date	Documentation
Service logs can be exported	With the real-time service log feature, you can export logs for data analysis and problem location.	2020-02-19	Exporting Service Logs
Started charging	We started charging on API Gateway. There are two billing items, including API calls and traffic.	2020-02-14	Billing Overview

Announcements

[Important] API Gateway Product Sales Discontinuation Announcement

Last updated: 2024-05-30 17:13:49

Dear Tencent Cloud user,

Due to business restructuring of Tencent Cloud products, API Gateway product will undergo the following adjustments:

1. By 00:00, July 1, 2024, the product will no longer be available for purchase. This includes new and old users who will no longer be able to purchase or create resources, including instances, services, and resource packages. New users are those who have never created API Gateway resources before. Services already in use by existing users will not be affected for the time being.
 2. By 00:00, December 31, 2024, the product will no longer be comprehensively supported, and there will be no release of new versions or new features.
 3. By 00:00, June 30, 2025, the product will be discontinued, and both the console and API will be taken offline. The product will no longer be viewable or usable.
- If you have resources that are still within the payment validity period after December 31, 2024, we recommend following the guidelines below to complete the refund operation.
 - For dedicated instances with monthly subscription, see [Requesting Refund on a Monthly Subscription](#).
 - For resource packages, see [Requesting Refund on a Resource Pack](#).
 - Other instances or services do not involve refunds. Simply release or delete them.

We apologize again for any inconvenience caused. Thank you for your understanding and support.

Tencent Cloud API Gateway Products
May 2024

[March 1, 2024] Security Management Notice for the Use of Default Domain Name in API Gateway

Last updated: 2024-01-05 10:07:39

For existing users

For existing users, starting from 00:00:00 on March 1, 2024, in order to ensure the security and stability of the overall service, the API Gateway service will add the following restrictions on the use of the default second-level domain name provided by the platform:

API Gateway services created after 00:00:00 on March 1, 2024:

- If you use the default second-level domain name, it does not support previewing when accessed through any browser. Instead, a file is downloaded directly.
- If you use the default second-level domain name, there will be no impact when accessed through a non-browser device.

Preview mode will not be supported after March 1, 2024

For API Gateway services created after March 1, 2024, if users **access the service through a browser and enter the default domain name**, they do not support previewing but directly download the file. The API Gateway will add a Header to the response headers:

```
Content-Disposition: attachment
```

If you want to directly preview your services through a browser, please access through a custom domain name. For more information, see [Configuring Custom Domain Name](#).

Services before March 1, 2024 will not be affected

For API Gateway services created before March 1, 2024, the preview of the default domain name will not be affected, but we strongly recommended that you bind a custom domain name and access it as soon as possible.

The platform strictly complies with related national laws and regulations and does not rule out adding such restrictions to existing services in the future.

How it works

How to download

For the security of all users of the platform, when accessing services using the default domain name provided by the API Gateway, the platform will forcibly add a download response header (Content-Disposition: attachment) in the return.

Note:

When the browser detects Content-Disposition: attachment, it will trigger a forced download.

How to preview

You can customize a subdomain name (for example, detail.example.com) on your own registered domain name (for example, example.com), bind this subdomain name to the API Gateway service, and then use the custom domain name to access it. At this time, the platform will not forcibly add the download response header (Content-Disposition: attachment) in the return.

Note:

At this point, the browser will set it to inline by default. It will directly display the content returned by the backend instead of downloading the file.

For new users

For users who enable the API Gateway service for the first time after 00:00:00 on January 8, 2024, the above restrictions are enforced when the service is enabled.

The advantages of binding a custom domain name

- **Enable browser preview:** To avoid being forced to add a download header, access your services through a custom domain name to preview your service in the browser.
- **Enhance brand image and professionalism:** Bind a custom domain name to the service. The custom domain name is your personalized domain name, which enhances brand image and professionalism and increases user trust.
- **Prevent domain names from being blocked:** Some applications or platforms might block the default domain name of API Gateway. And if you bind a custom domain name, you can ensure that your service can always be accessed normally.
- **Improve accessibility:** Using custom domain names makes it easy for your users to memorize. Compared with using the default domain name, it is more concise and friendly, making it easy to access and share.
- **Enhance user experience:** The use of a custom domain name enhances access speed. Combined with CDN acceleration, it achieves quick content delivery and download, reduces latency and enhances the user experience.
- **Ensure link persistence:** After binding a custom domain name to a service, users can still use the same

domain name to access your service even if the service changes subsequently, ensuring link persistence and long-term accessibility.

[August 15, 2022] Billing of Public Network Outbound Traffic from API Gateway to Backend Services

Last updated: 2022-11-21 15:24:17

To provide more elastic, stable, and premium services, starting from 23:59:59 on August 15, 2022, Tencent Cloud API Gateway instances (dedicated, shared, and exclusive instances) will be billed by actual traffic if their access to backend services generates public network outbound traffic.

Pricing adjustment

This adjustment applies to all the API Gateway instances, including shared and dedicated instances. After this adjustment, public network outbound traffic from API Gateway instances to backend services will be charged. For billing details, see [Shared Instance Billing](#) and [Billing Rule](#).