Key Management Service

Purchase Guide

Product Documentation

Contents

Purchase Guide
Billing Overview

Last updated：2025-03-17 18:05:40

Key Management Service (New Billing)

The Pro Edition of Key Management Service adopts a monthly subscription payment model. It is a cloud-based key management service in the physical hardware security module cluster mode. It provides lifecycle management such as key creation, enabling, and disabling. It supports seamless integration with Tencent Cloud products to achieve transparent encryption.

Specification Name	Description	Price (USD)	Billing Cycle
Pro Edition	Support managing 1,000 CMKs	1,288	Month

Key Management Service (Old Billing)

Note:

Key Management Service (KMS) will no longer support Old Billing for new purchasers starting from March 14, 2025. KMS (Old Billing) offers a basic version and a standard version. The basic version uses the annual/monthly subscription payment mode, and the standard version uses the pay-as-you-go billing mode.

Item	Description	Price (USD)	Billing Cycle
Basic Edition	Supports management of 200 CMKs	420	Month

The Key Management Service (pay-as-you-go mode) consists of CMK storage fees and API call fees, as shown in the following table:

Item	Price	
CMK storage	Tencent Cloud managed CMKs	Free
	Customer managed CMKs	0.06 USD/key/day
API calls	First 20,000 calls	Free
	API calls	0.18 USD/10,000 calls

Settlement cycle

Key Management Service (Old Billing) supports the pay-as-you-go billing method on a monthly basis. The fees for one month are calculated and deducted on the 3rd to 5th days of the following month.

CMK storage fees

This refers to the fees for storing the CMKs created in KMS. The CMK storage fees are billed daily according to the total number of CMKs under a specified.

Tencent Cloud managed CMKs: free of charge. A Tencent Cloud managed CMK is automatically created for you when a Tencent Cloud product (such as COS or TDSQL) calls the KMS service.

Customer managed CMKs: 0.06 USD/key/day. A customer managed CMK is actively created by you in the console or via an API call.

Note:

Limits: each account can have up to 200 CMKs per region (excluding Tencent Cloud managed CMKs and the ones in **Scheduled deletion** status). If you need to create more CMKs, please submit a ticket or contact your Tencent Cloud sales rep.

CMK billing status: the customer managed CMKs in **Scheduled deletion** status are not billed.

API call fees

KMS provides a free tier of 20,000 API calls. After the free tier is used up, API calls will be billed monthly, that is, the cumulative API calls under a specified account in one month will be billed monthly.

API calls: 0.18 USD/10,000 calls, billed monthly.

Note:

If there are less than 1000 API calls, fees will be billed for 1000 calls.

Purchase Method

Last updated：2024-01-11 16:28:53

Purchasing KMS

You can purchase the KMS service in the following ways:

Purchase the service on the KMS overview page at Tencent Cloud official website.

Log in to the KMS Console and purchase the service.

Note:

KMS can be seamlessly integrated with Tencent Cloud services such as COS, CBS, TDSQL, and CFS for encryption.

You need to activate KMS first before you can use KMS-related encryption features for those services.

Payment Overdue

Last updated：2024-01-11 16:28:54

Note:

 If you are a customer of a Tencent Cloud partner, the rules regarding resources when there are overdue payments are subject to the agreement between you and the partner.

Account Overdue

When your account is overdue, notifications for service suspension will be sent through email and SMS to your Tencent Cloud account creators and all collaborators on the day of and after expiration.

Service Suspension

Your KMS service will be suspended 24 hours after your account becomes overdue. At this time, your access to KMS will be denied, but your key data will be retained. After the service is suspended, fees will not be incurred by key storage and API calls.

Resource Repossession

Your KMS resources will be released and repossessed by KMS 168 hours (7 days) after your account becomes overdue.