

# **Tencent Cloud Lighthouse**

## **Purchase Guide**

### **Product Documentation**



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# Purchase Guide

## Billing Overview

Last updated : 2022-08-15 18:03:47

This document lists the billing details of Lighthouse instances, including [basic bundle](#), [out-of-plan data transfer](#), [custom image](#), and [cloud disk](#).

## Basic Bundle

Lighthouse is sold as instance bundles at favorable prices, which contain Tencent Cloud server resources such as CPU, memory, SSD cloud disk, and network data transfer plan. If the resources in a bundle cannot meet your requirements, you can apply for additional resources by purchasing out-of-plan data transfer.

### Billing Mode

The basic bundle currently is available only through monthly subscription. Monthly subscription is a prepaid billing mode, where you need to pay the fees for one or multiple months or even years in advance. The billing cycle is a natural month. For example,

If you purchased a Lighthouse instance at 00:00:00 on May 1, 2021 for 1 month, the monthly subscription billing cycle would be from 00:00:00 on May 1 to 23:59:59 on May 31.

If you purchased a Lighthouse instance at 00:00:00 on February 28, 2022 for 2 months, the monthly subscription duration would be from 00:00:00 on February 28 to 23:59:59 on April 30. The first billing cycle will end at 00:00:00 on March 31. The instance will expire at 23:59:59 on April 30.

### Service Suspension Due to Overdue Payments

An instance will enter the **pending released** status upon expiration and can be recovered if you renew it within 7 days.

If the "pending released" instance is not renewed, it will be released, and the data in the instance will be cleared and cannot be recovered. For details, see [Overdue Payments and Service Suspension](#). Please note the instance status for renewing the instance or transferring data in time.

### Data transfer plan

The Lighthouse bundles are offered in the form of data transfer plans, which counts only the instance outbound data transfer. The data transfer plan will be reset every natural month from the time of instance purchase, and the reset time is consistent with that of the instance billing cycle. If your instance data transfer in the current month

- **Does not exceed the limit:** The remaining data transfer of the current month will not be refunded.

- **Exceeded the limit:** The excessive data transfer is billed by usage. For data transfer pricing, see [Out-of-plan Data Transfer Pricing](#).

## Basic Bundle Pricing

For information on the basic bundle price and discounts, see [Basic Bundle Pricing](#).

# Out-of-plan Data Transfer

The out-of-plan data transfer is billed by the outbound data, i.e., total volume of data transferred over the public network in GB.

## Billing Mode

The data exceeded the monthly data transfer limit is billed at **out-of-plan data transfer price** and settled by hour.

## Service Suspension Due to Overdue Payments

When your account has overdue payments, all instances that exceed the monthly data transfer limit will transfer data and be deducted normally within 2 hours, but after that, they will be suspended. To make them available again, please top up your account until the balance is positive, or wait until the data transfer is reset on a monthly basis. Overdue payments will not affect the instances that do not exceed the monthly data transfer limit.

## Out-of-plan Data Transfer Pricing

For more information, see [Out-of-plan Data Transfer Pricing](#).

# Custom Image Pricing

## Billing Mode

The billing involves the **custom images that exceeded the free tier** in the region and is settled by hour. When deleting custom images, the part of the usage time less than one hour will be settled by one hour.

### Note

A free tier of five custom images is provided in each region.

## Pricing information

The unit price of excessive custom images is 0.0015 USD/hour.

## Overdue Payment

If your account has overdue payments:

- The custom image feature will be disabled, and you cannot create more custom images.
- Existing custom images under the account (including images within the free tier) will be isolated and unavailable and enter the "pending released" status. **The unreleased images that exceed the free tier will continue to be billed** until they are deleted. If you do not top up your account to make the balance positive after the custom images are "pending released" for 7 days, the custom images will be automatically deleted.

## Related Operations

You can create the custom images in the Lighthouse console. For more information, see [Working with Custom Images](#).

# Cloud Disk Pricing

## Billing Mode

The cloud disk currently is available only through monthly subscription. Monthly subscription is a prepaid billing mode, where you need to pay the fees for one or multiple months or even years in advance.

## Pricing information

For more information on cloud disk pricing and discounts, see [Cloud Disk Pricing](#).

## Overdue Payment

A cloud disk will enter the **pending released** status upon expiration and can be recovered if you renew it within seven days.

If you do not renew the cloud disk within seven days, it will be released, and the data in it will be cleared and cannot be recovered. Please note the cloud disk status to renew the disk or transfer data in time.

## Refund Policy

Cloud disks support 5-day free returns and standard returns. For more information, see [Refund](#).

## Related Operations

You can create, attach and terminate cloud disks in the Lighthouse console. For more information, see [Working with Cloud Disks](#).

# Price Overview

Last updated : 2023-05-30 16:25:00

This document lists the pricing details of Lighthouse instances, including basic bundle, out-of-plan data transfer, custom image, and cloud disk. For more information on the billing mode, payment overdue policy, and refund policy, see [Billing Overview](#).

## Basic Bundle Pricing

### Note

- **Linux bundle:** Uses a Linux system image or an application image based on Linux.
- **Windows bundle:** Uses a Windows Server system image or an ASP.NET application image.
- Any bundle not included in the table has been discontinued. Discontinued bundles are no longer purchasable but can be renewed at the original price. We recommend you upgrade a discontinued bundle. For more information, see [Upgrading Instance Bundle](#).

### Singapore, Tokyo, Silicon Valley, Frankfurt, Mumbai, Toronto

- Linux bundles
- Windows bundles

Bundle Type	CPU (Core)	Memory (GB)	System Disk - SSD (GB)	Bandwidth (Mbps)	Monthly Data Transfer (GB)	Price (USD/Month)
General	2	2	30	30	1,024	<b>5.0</b>
	2	2	50	30	2,048	<b>7.0</b>
	2	4	60	30	2,560	<b>9.0</b>
	2	4	80	30	3,072	<b>11.0</b>
	2	8	90	30	3,584	<b>16.0</b>
	2	8	100	30	4,096	<b>22.0</b>
Enterprise	4	8	120	32	5,120	<b>40.0</b>

Bundle Type	CPU (Core)	Memory (GB)	System Disk - SSD (GB)	Bandwidth (Mbps)	Monthly Data Transfer (GB)	Price (USD/Month)
	4	16	150	35	6,144	<b>60.0</b>
	8	16	200	40	7,168	<b>90.0</b>
	8	32	250	45	8,192	<b>120.0</b>
	16	32	300	50	9,216	<b>180.0</b>
	16	64	350	55	10,240	<b>235.0</b>

## Hong Kong (China)

- Linux bundles
- Windows bundles

Bundle Type	CPU (Core)	Memory (GB)	System Disk - SSD (GB)	Bandwidth (Mbps)	Monthly Data Transfer (GB)	Price (USD/Month)
Enterprise	4	8	120	32	5,120	<b>40.0</b>
	4	16	150	35	6,144	<b>60.0</b>
	8	16	200	40	7,168	<b>90.0</b>
	8	32	250	45	8,192	<b>120.0</b>
	16	32	300	50	9,216	<b>180.0</b>
	16	64	350	55	10,240	<b>235.0</b>

## Out-of-plan Data Transfer Pricing

Region	Price (USD/GB)
Tokyo	0.13
Hong Kong (China) , Seoul	0.12
Silicon Valley, Frankfurt, Toronto	0.077
Mumbai	0.1



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Region	Price (USD/GB)
Singapore	0.081

## Custom Image Pricing

A free tier of five custom images is provided for each region, and the unit price of excessive ones is 0.0015 USD/hour.

## Cloud Disk Pricing

### Pricing information

Hong Kong (China), Singapore, Silicon Valley, Japan, Frankfurt, and India: 0.17 USD/GB/month

# Purchase Methods

Last updated : 2022-06-16 19:07:34

## Purchasing in Console

1. Log in to the [Lighthouse purchase page](#) and configure the following information as prompted:

### Tencent Cloud Lighthouse

**Region** ?

Hong Kong
Singapore
Tokyo
Silicon Valley
Frankfurt
Mumbai

Lighthouse instances in different regions cannot communicate with each another over a private network. Selecting the region closest to your end users can minimize access latency and improve download speed. You cannot change the region after creating a Lighthouse instance. [Region and connectivity](#)

**Availability zone** ?

Randomly assigned ?

**Image**

Official image
Individual image

Application image
System image

<b>WordPress 5.7.1</b>	<b>WooCommerce 6.5.1</b>	<b>SRS Streaming Server 4.4</b>	<b>Typecho 1.1.0</b>
<b>Cloudfre 3.3.1</b>	<b>Matomo 4.9.1</b>	<b>LAMP 7.4.16</b>	<b>Node.js 14.16.1</b>
<b>Theia 1.12.1</b>	<b>Docker 19.03.9</b>	<b>K3s 1.23.6</b>	<b>ASP.NET 4.8</b>

**WordPress 5.7.1**

WordPress is the world's most popular open source blog and content management site building platform, with simple to use, powerful, flexible and scalable features, providing a wealth of thematic plug-ins, you can use it to build blogs, corporate websites, e-commerce, forums and other types of websites. The image is based on CentOS 7.6 64-bit operating system, has pre-installed Nginx, MariaDB, PHP software.

**Instance bundle** ?

General
Enterprise

<p><b>5 USD/month</b></p> <p>CPU 2 cores (dedicated) Memory 2GB System disk 30GB SSD Bandwidth 30Mbps Transfer 1024 GB/month</p>	<p><b>7 USD/month</b></p> <p>CPU 2 cores (dedicated) Memory 2GB System disk 50GB SSD Bandwidth 30Mbps Transfer 2048 GB/month</p>	<p><b>9 USD/month</b></p> <p>CPU 2 cores (dedicated) Memory 4GB System disk 60GB SSD Bandwidth 30Mbps Transfer 2560 GB/month</p>	<p><b>11 USD/month</b></p> <p>CPU 2 cores (dedicated) Memory 4GB System disk 80GB SSD Bandwidth 30Mbps Transfer 3072 GB/month</p>
<p><b>16 USD/month</b></p> <p>CPU 2 cores (dedicated) Memory 8GB System disk 90GB SSD Bandwidth 30Mbps Transfer 3584 GB/month</p>	<p><b>22 USD/month</b></p> <p>CPU 2 cores (dedicated) Memory 8GB System disk 100GB SSD Bandwidth 30Mbps Transfer 4096 GB/month</p>		

An independent fixed public IP is assigned for free. The public network outbound traffic beyond the transfer quota will incur additional fees. [View pricing](#)

**Instance name**

The multiple instances created in batch will be suffixed with sequential numbering by default. You can enter 60 characters

**Purchase period**

1 month
2
3
6 months
1 year
2 years
3 years
4 years
5 years
More

Auto-renew the device every month when my account has sufficient balance

**Quantity**

-
1
+

- **Region:** We recommend you select the region closest to your end users to minimize the access latency and improve the access speed.

- **Availability zone: Randomly assigned** is selected by default. You can select one as well.

#### Note

- Instances in the same region can communicate with each other over the private network. For applications with high disaster recovery requirements, deploy Lighthouse instances to different AZs in the same region to ensure fault isolation. Note that it may cause a higher communication latency.
- After creating an instance, you cannot change its AZ.

- **Image:** You can choose application images, system images, Docker images, custom images, and shared images. For more information, see [Image](#).
- **Instance bundle:** Different bundles have different specifications of CPU, memory, SSD storage, bandwidth, and data transfer package. For more information, see [Basic Bundle Overview](#).
- **Instance name:** Enter a custom instance name. If it is left empty, the selected image name will be used as the name by default. When multiple instances are created in a batch, their names will be consecutive with auto-incrementing suffixes. For example, if you enter "LH" as the name and select 3 as the quantity, 3 instances "LH1", "LH2", and "LH3" will be created.
- *\*Login method:* If you select a Windows image, you can use this option to set the login password of the instance:
  - **Set password:** Set the custom password for instance login.
  - **Random password:** The system sends an automatically generated password to your [Message Center](#).
- **Purchase period:** It indicates the validity of the Lighthouse instance.

#### Note

You can select **Auto-renew the device every month when my account has sufficient balance** to enable the auto-renewal feature. After successfully creating an instance, you can modify the current auto-renewal settings as instructed in [Auto-Renewal](#).

- **Quantity:** It indicates the number of Lighthouse instances to be purchased.

3. Click **Buy now**.

4. Make sure the configuration information is correct, click **Submit order** and make the payment as prompted.

After making the payment, you can enter the [Lighthouse console](#) to check your Lighthouse instance. Generally, it takes 1-3 minutes to create an instance.

# Overdue Payments and Service Suspension

Last updated : 2022-02-25 18:58:46

## Overdue Payments and Service Suspension

Lighthouse instance packages are prepaid. Generally, if your account has overdue payments, instance usage will not be affected. However, if your account and instances meet the following conditions at the same time, your instances will be suspended due to overdue payments and displayed as in **to be repossessed** status in the [Lighthouse console](#).

- Condition 1: the account has overdue payments.
- Condition 2: the instances use traffic packages, and the current monthly traffic usage has exceeded the package limit.

## Impact of Overdue Payments

### Impact on instance

Instances in **to be repossessed** status are unavailable, which indicates that they can neither be managed nor accessed.

### Impact on custom image

- The custom image feature will be disabled, and you cannot create more custom images.
- All custom images (including those within the free tier) under your account will enter the **to be repossessed** status. If you don't top up your account within seven days, the custom images will be automatically released.

## Recovery Method

- Recover an account in arrears: you can top up or use other methods to make your account balance positive, and then all instances in **to be repossessed** status will be automatically recovered.
- Recover an instance with excessive traffic usage: an instance that is purchased for multiple months can become available from the **to be repossessed** status after its monthly [traffic package](#) is reset. If the instance generates excessive traffic again, it will enter the **to be repossessed** status again.

## Alert Description

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Alert Type	Description
<b>Alert for expiration</b>	From seven days before your resource expires, the system will send alerts for expiration to your Tencent Cloud account creator, global resource collaborators, and financial collaborators by email and SMS.
<b>Alert for overdue payments</b>	On the day of and after resource expiration, the system will send alerts for service suspension to your Tencent Cloud account creator and all collaborators by email and SMS.

## Repossession Mechanism

- From seven days before your resource expires, the system will send you renewal notifications.
- If your account balance is sufficient and you previously enabled auto-renewal, the instance will be automatically renewed on the expiration date.
- If your Lighthouse instance is not renewed before or upon expiration, the system will suspend it in around 48 hours after expiration (the instance will be disconnected and shut down, and only the data will be retained). After suspension, the instance will enter the **to be repossessed** status.
- You can still renew the instance within seven days after suspension.

Note :

The start time of the renewal cycle of an instance that is recovered after renewal is the time of the last suspension.

- If your Lighthouse instance is not renewed within seven (included) days after entering the **to be repossessed** status, the system will release it in around 24 hours. After release, all data on the instance will be cleared and cannot be recovered.

# Refund Policy

Last updated : 2023-04-26 16:14:13

- **Each Tencent Cloud account** can return 30 instances in **each Lighthouse bundle** and 199 cloud disks (used as data disks) per year in the method of **standard returns**.

## Note

- If you purchase the instance at a discount price, then **the discount amount is non-refundable**.
- All the **refund amount** will be credited into your **Tencent Cloud account**.
- Standard returns are not available for Tencent Cloud International agent customers.

## Standard Returns

Policies:

- Under each account:
- 30 instances per bundle can be returned in the console each year.
- 199 cloud disks (used as data disks) can be returned in the console each year.
- The refund amount does not include fees for usage duration, and will be credited to your Tencent Cloud account in the proportion of the cash and free credit used at the time of purchase.

The refund formula is:  $\text{Refund} = \text{Payment amount} - (\text{usage duration} / \text{total duration}) \times \text{"original order price"}$

## Note

The usage duration is calculated by day. The duration less than one day is calculated by one day.

## Samples

## Note

The following prices are for demonstration only but not actual prices at the official website. The actual unit prices, which may vary by region, campaign, or policy, shall prevail.

- Lighthouse instance
- Cloud disk (Data disk)

### Scenario

The instance is in Singapore region. It uses a system image based on CentOS 7.6. Its bundle specification is 2 CPU cores, 2 GB memory, 30 GB SSD cloud disk, 30 Mbps bandwidth, and 1024 GB monthly data transfer. Purchase this instance for 1 year with a 60% discount.

The original order amount is: 5 USD × 12 months = 60 USD

The actual payment amount is: 5 USD × 12 months × 0.4 = 24 USD

### Standard return sample

The instance has been used for 30 days and is needed to be returned due to business changes. The standard return quota of 30 instances for this bundle has not been used up under this account.

The refund is 24 USD - (30 days/365 days) × 60 USD = 19.07 USD

#### Note

24 USD is the actual payment amount for the order, and 60 USD is the original order price.

## Refund Operation

If you meet the rules for the above-mentioned returns, do the following:

- **Manually terminate** the Lighthouse instance as instructed in [Terminating Instance](#).
- **Manually terminate** the cloud disk used as data disk as instructed in [Terminating Cloud Disks](#).

#### Note

After the instance and the cloud disk are terminated, the system will automatically proceed to the refund process. Generally, after you return a Lighthouse instance and the cloud disk(s), **the refund amount will be automatically credited into your Tencent Cloud account in half an hour.**



# Bundle Upgrade Fee

Last updated : 2022-10-28 17:11:19

To upgrade the Lighthouse instance specifications, you need to upgrade the instance bundles in the console. The upgrade takes effect immediately.

## Note

For directions on instance bundle upgrade, see [Upgrading Instance Bundle](#).

## Billing Rule

- The upgrade fee is calculated according to the price difference between the new and original bundles and the length of upgrade period.  
Upgrade fee = (New bundle monthly rate \* Remaining months \* Applicable discount) - (Original bundle monthly rate \* Remaining validity in months \* Original discount)
- The number of remaining months is converted from the number of remaining days.
  - **Remaining days** = Expiration date - Current date
  - **Converted remaining months** = Remaining days / (365 / 12)
- **Discount**: It varies by the instance region and usage period. For details, see [Basic Bundle Pricing](#).
- The upgrade does not affect the resource expiration date.
- You can pay the upgrade fee by using your vouchers and free credits.

## Note :

Note that if the original bundle was purchased with a special price, the special price is not used for the upgrade fee calculation. Instead, the official listed monthly price is used.

## Data Transfer Plan

After you upgrade an instance bundle, the data transfer plan follows the following rule:

- The current traffic usage of the instance is not changed. Only the quota of the monthly data transfer plan is upgraded.

Assume that the data plan of the original bundle is 200 GB, and 100 GB has been used in this month. If the data plan of the new bundle is 500 GB, then the remaining quota for this month is 400 GB.

- If the instance is upgraded from bandwidth-based billing to a data transfer plan, the all quota of the transfer plan is granted.

## Billing Example

Note :

The following prices are for demonstration only. For the accurate bundle prices, see [Basic Bundle Pricing](#).

Example	Purchased a one-year bundle in Hong Kong (China) on Dec 31, 2021.	On May 1, 2022, upgraded the bundle as below:
Specification	Price: 5 USD/month <ul style="list-style-type: none"> <li>• CPU: 2 core</li> <li>• MEM: 2 GB</li> <li>• SSD system disk: 30 GB</li> <li>• Bandwidth: 30 Mbps</li> <li>• Monthly data transfer: 1024 GB</li> </ul>	Price: 22 USD/month <ul style="list-style-type: none"> <li>• CPU: 2 core</li> <li>• MEM: 8 GB</li> <li>• SSD system disk: 100 GB</li> <li>• Bandwidth: 30 Mbps</li> <li>• Monthly data transfer: 4096 GB</li> </ul>

In this case, the upgrade fee is calculated as below:

- Remaining days =  $31 * 4 + 30 * 3 + 30 = 244$  days.  
Here, **4** stands for four months: July, August, October, and December, **3** stands for three months: June, September, and November, and the **30** at the end is the number of remaining days in May ( $31 - 1 = 30$ ).
- Remaining months =  $244 / (365 / 12)$
- Discount:
  - According to the validity of the new bundle, a 12% discount is offered as described in the official price list.
  - There is no discount for the original bundle.
- **Upgrade fees** =  $(22 * 244 / (365 / 12) * 0.88) - (5 * 244 / (365 / 12) * 1) = 115.17$  USD.