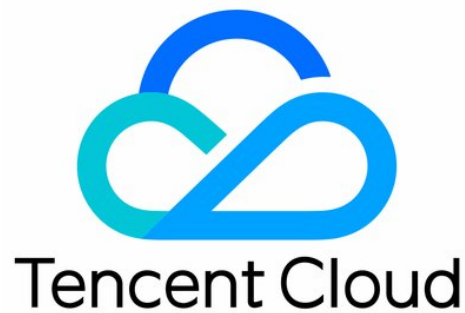


Tencent Container Registry

Purchase Guide

Product Documentation



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Purchase Guide

Billing Overview

Last updated : 2021-02-08 11:42:40

Purchase Instructions

The Tencent Container Registry (TCR) Enterprise Edition is now available for commercial sale. Fees will be collected when you create new instances or use existing instances. Currently, only postpaid purchase is supported. You can go to the [TCR console](#) to create an Enterprise Edition instance and start using it. As Tencent Cloud COS is used at the same time, relevant fees will be charged based on your actual usage.

Billable Items for Enterprise Edition

Please refer to [Enterprise Edition Pricing](#).

Item	Notes	Price
Instance leasing	Enterprise Edition instances are pay-as-you-go, managed service charges differ according to selected regions and specifications.	
Storage fees	The cloud native artifacts of the Enterprise Edition managed instance, such as container images and Helm charts, are stored in your COS Bucket. Storage and access fees will apply based on actual usage with the selected COS billing method. Go to the Billing Center to learn more.	Please refer to COS Pricing .
Traffic fees	Using the public network to upload and download the cloud native artifacts such as container images and Helm charts will generate public network traffic fees in COS. Note: using the instance synchronization feature for cross-regional synchronization of container images and Helm charts will not generate COS public network traffic fees.	Please refer to COS Pricing .

Enterprise Edition Pricing

You can go to the [TCR Purchase Page](#) to view the latest pricing and discounts for the Enterprise Edition instances, and go to the Tencent Cloud or consult your sales rep for more information. The following prices are for reference only. The actual price is based on the purchase period and the latest promotional activities.

⚠ Note :

Please log in to TCR to obtain the accurate price.

Region		Basic Edition (USD/hour)	Standard Edition (USD/hour)	Advanced Edition (USD/hour)
Chinese Mainland Regions	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu and Chongqing	0.14	0.28	0.54
	Hong Kong (China), and Taipei (China)	0.20	0.38	0.70
Asia Pacific Regions	Singapore, Seoul, Tokyo, Mumbai, and Bangkok	0.20	0.38	0.70
Europe and North America Regions	Toronto, Silicon Valley, Virginia, Frankfurt and Moscow	0.28	0.50	0.87

Reference prices for monthly usage

⚠ Note :

The prices here are only for reference during conversion. The actual amount accumulated in a pay-as-you-go bill may differ. The prices here are not the actual prices of prepaid features after launch.

Region		Basic Edition (USD/month)	Standard Edition (USD/month)	Advanced Edition (USD/month)
Chinese Mainland Regions	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu and Chongqing	97.87	200.97	388.90
	Hong Kong (China), and Taipei (China)	146.94	274.36	500.72
Asia Pacific Regions	Singapore, Seoul, Tokyo, Mumbai, and Bangkok	146.94	274.36	500.72
Europe and North America Regions	Toronto, Silicon Valley, Virginia, Frankfurt and Moscow	166.56	314.61	578.57

Note :

TCR is currently unavailable in some regions. To learn more, please [submit a ticket](#).

TCR Specifications

The TCR specifications are as follows (✓: supported; -: not supported).

Feature Module	Features	Personal Edition	Enterprise Edition		
			Basic Edition	Standard Edition	Advanced Edition
Service assurance	SLA	Not supported	99.9% (compensation supported)	99.9% (compensation supported)	99.9% (compensation supported)
Instance management	Dedicated registry service	-	✓	✓	✓
	Dedicated domain name access	-	✓	✓	✓
	Dedicated data storage backend	-	✓	✓	✓
	Temporary/long-term access credential management	-	✓	✓	✓
Repository management	Multi-level repository directory	-	✓	✓	✓
	Helm chart hosting	-	✓	✓	✓
	Namespace quota	10	50	100	500 (you can apply to increase the quota)
	Image repository quota	500	1000	3000	5000 (you can apply to)

					increase the quota)
	Helm repository quota	-	1000	3000	5000 (you can apply to increase the quota)
Data security	Encrypted storage of data	-	✓	✓	✓
	Image vulnerability scanning	-	✓	✓	✓
	Public network access control	-	✓	✓	✓
	VPC access control	-	✓	✓	✓
	VPC access quota	-	3	5	10
	Operation log retention	-	7 days	15 days	30 days
Synchronous backup	Multi-region replications for single instance and nearby access	-	-	-	✓
	Cross-instance custom synchronization rules	-	-	✓	✓
	Multi-AZ disaster recovery in the same city	-	✓	✓	✓
Container DevOps	Webhook trigger	-	✓	✓	✓
	Container image compilation and construction	✓	✓	✓	✓

	Cloud native delivery workflow	-	-	✓	✓
	P2P accelerated distribution of images	✓	✓	✓	✓

Free Usage of the Personal Edition

The Personal Edition service is provided for individual developers. The free usage quota is limited. SLA commitments and relevant compensation are not provided.

Purchasing Instances

Last updated : 2021-02-08 11:45:06

Overview

This document introduces how to purchase a Tencent Container Registry (TCR) Enterprise Edition instance on the TCR purchase page.

Prerequisites

Before purchasing a TCR Enterprise Edition instance, complete the following tasks:

- [Sign up for a Tencent Cloud account](#) and complete [identity verification](#). Users who have not completed identity verification cannot purchase TCR instances in China.
- Activate the TCR-dependent cloud product, [Cloud Object Storage \(COS\)](#).
- If you need to access the instance through a Virtual Private Network (VPC), activate the [VPC](#) service.
- Activate the TCR service on the console and grant certain operation permissions to your COS and VPC resources.

Directions

1. Log in to the [official website of Tencent Cloud](#), choose **Products** > **Basic** > **Container** > **TCR**, and click **Buy Now** to go to the TCR Console.
2. Select **Instance List** in the left sidebar to go to the "Instance List" page, and click **Create**.

3. On the "TCR Purchase" page, purchase an instance. You can use the following information for reference:

Tencent Container Registry

Product Details

Product Documentation

Billing Instructions

Console

Q: Note: TCR Enterprise is officially commercialized, providing enterprise-level secure hosting and cross-region synchronization services for cloud-native artifacts, and featuring the capability of large-scale cluster image distribution.

Purchase Notes

Instructions: TCR provides you with enterprise-level hosting and distribution services for cloud native artifacts. Fees of service leasing, data storage, and access will be generated during use. If you need to use free service, please visit "Tencent Kubernetes Engine - Image Repository".

Billing Rules: For now, TCR Enterprise only supports pay-as-you-go (postpaid) billing mode. We will support the monthly subscription (prepaid) billing mode soon. By then, you can convert existing instances to monthly subscription.

Billing Rules: TCR only charges hosting service fees. The cloud-native artifacts (such as container images and Helm charts) involved in using this service are hosted in your COS Bucket and generate storage and traffic fees based on actual usage. The COS billing method is adopted. You can go to the "Billing Center" to query billing information.

Select Configuration

Instance Name:

The instance name can contain 5-50 characters, including lowercase letters, digits and "-", it cannot start or end with "-", and cannot be modified once created.

Instance Region:

South China			East China			North China		
Guangzhou	Shenzhen Finance	Shanghai	Nanjing	Shanghai Finance	Beijing	Beijing Finance		
Hong Kong, Macao and Taiwan			Southeast Asia			Northeast Asia		
Taipei (China)	Hong Kong (China)	Singapore	Bangkok	Seoul	Silicon Valley	Virginia		
Europe								
Frankfurt								

If you want to create instances in other regions, please submit a ticket to apply for it.

Instance Specification:

	Basic	Standard	Premium
Dedicated registry service	✓	✓	✓
Dedicated service access domain name	✓	✓	✓
Dedicated data storage backend	✓	✓	✓
Temporary/long-term access credential management	✓	✓	✓
Multi-level repository directory	✓	✓	✓
Helm chart hosting	✓	✓	✓
Namespace quota	50	100	500
Image repository quota	1000	3000	5000
Helm repository quota	1000	3000	5000
Public network access control	✓	✓	✓
VPC access control	✓	✓	✓
VPC access quota	3	5	10
Image vulnerability scanning	✓	✓	✓
Operation log retention	7 days	15 days	30 days
Multiple regions replications for single instance, nearest server access	/	/	✓
Cross-instance (cross-region) automatic synchronization	/	✓	✓
Multi-AZ disaster recovery in the same city	✓	✓	✓
Webhook Trigger Type	✓	✓	✓
Container image compilation and building	✓	✓	✓
Cloud-native delivery workflow	/	✓	✓
P2P accelerated distribution of images	✓	✓	✓

Instance Domain Name:

After creating the instance, please go to access control to specify the VPC and public IP range for private and public access.

Backend Storage: **Create a COS bucket under the current account**

Note that data such as images of the instance will be stored in the COS bucket, which will cause storage and traffic fees. For more information, please see [COS Billing Guide](#)

Instance Tag: +

Price Calculator

Specification: Guangzhou Basic

Configuration Fee: **0.14USD/hour**

I have read and agree to "TCR Service Protocol".

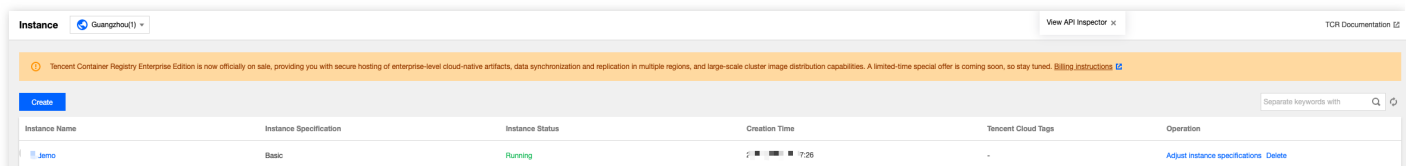
Buy Now

- o **Billing Mode** : TCR supports the pay-as-you-go billing mode. For more information, see [Billing Overview](#).

Tencent Tencent Open Platform QQ IoT DNSPod WeChat Official Account Platform Enterprise QQ Cloud Image BlueKing WeYun Inetlink

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- **Instance Name:** enter a custom instance name. The name must be globally unique and cannot be the same as that of an existing instance belonging to you or another user. This name will be used to access the domain name of this TCR instance. **The name cannot be modified after purchase.** We recommend that you use an abbreviation that combines the company name and instance region or project as the instance name.
 - **Instance Region:** select the region where you want to deploy the instance. **The region cannot be changed after the instance is purchased.** Select the region based on the location of the container cluster resources.
 - **Instance Specification:** select the specifications of the instance you want to purchase. Different instance specifications have different instance performance and quotas. Refer to the specification comparison on the page to make your choices.
 - **Instance Domain Name:** the instance domain name that is automatically generated. Its prefix is the same as the instance name. **The instance domain name cannot be modified after the instance is purchased.** This domain name is used when you run the `docker login` command to log in to the instance.
 - **Backend Storage:** when an instance is purchased, a Tencent Cloud COS bucket will be automatically purchased and associated under the current account. Images and other data in the instance will be stored in the bucket, and storage and traffic costs will be generated. For more information, see the [COS Billing Guide](#). After instance purchase, you can go to the COS console to view the bucket. Please avoid mistakenly deleting the bucket because data such as images hosted in the instance cannot be recovered after the bucket is deleted.
 - **Instance Tag:** bind the newly created instance with a Tencent Cloud tag. You can also bind and edit tags on the instance details page after instance purchase.
4. Read and consent to the TCR Service Agreement.
- Enterprise Edition instances are billed differently based on different regions and specifications. Please confirm the selected specifications and configuration fees after configuring the basic information.
5. After ticking the selected options, click **Buy Now** to purchase the Enterprise Edition instance you have selected and configured.
6. You can view the instance purchase progress on the "Instance List" page. If the instance status changes to "Running" as shown in the figure below, the instance was successfully purchased and is running properly.



Instance Name	Instance Specification	Instance Status	Creation Time	Tencent Cloud Tags	Operation
demo	Basic	Running	11:28	-	Adjust instance specifications Delete

Note :

If it takes too long to purchase an instance or the displayed status is abnormal, [submit a ticket](#).

Notes:

If you purchase Enterprise Edition instances in pay-as-you-go mode, fees will be generated on an hourly basis after an instance is created, and the specific fees will be displayed on the purchase page. You can go to the [Billing Center](#) to view the fees generated by this service. If you have any doubt about the fees, [submit a ticket](#).

Notes on Arrears

Last updated : 2021-01-22 14:48:06

Pay-as-You-Go Enterprise Edition Instance

Precautions

- When you no longer need to use pay-as-you-go instances, **terminate them as soon as possible** to avoid continued fee deductions.
- After an instance is terminated or repossessed, its data is cleared and cannot be recovered.
- Since your actual resource consumption changes constantly, some slight discrepancies may exist for your stated balance.
- When an instance in arrears is automatically repossessed, due to the restrictions of the COS billing policy, the associated backend bucket cannot be automatically deleted. Please go to the [COS console](#) console to manually manage the COS bucket and avoid continued fee deductions.

Alerts

Type	Description
Arrears reminder	Pay-as-you-go resources are billed on the hour. When your account balance becomes negative, your Tencent Cloud account creator, global resource collaborators, and financial collaborators will be notified via email and SMS.
Arrears alert	This feature is disabled by default.

Arrears processing

To ensure that your business app updates are not affected by temporary arrears, you can continue to use TCR for **24 hours** after your account balance becomes negative and will be billed for this time. If your account is still in arrears after 24 hours, the instances in your account will all be isolated and billing will stop.

After instances are isolated, the system will process them as follows:

Time Since Isolation	Description
≤ 7 days	If your account is topped up to a positive balance, billing will resume and the instances will automatically recover to the running status.
	If your account is not topped up to a positive balance, the instances will remain isolated.

**> 7
days**

If your account is not topped up to a positive balance, your pay-as-you-go instances will be repossessed, and all data in the instances will be irrecoverably erased. When instances are repossessed, the Tencent Cloud account creator and all collaborators will be notified via email and SMS.

When your account is in arrears, you can delete instances you do not need to avoid continued billing. For more information about deleting instances, see [Terminating/Returning Instances](#).

⚠ Note :

When an instance in arrears is automatically repossessed, due to the restrictions of the COS billing policy, the associated backend bucket cannot be automatically deleted. Please go to the [COS console](#) to manage the COS bucket.

Data Storage Billing and Arrears

In TCR, when an Enterprise Edition instance is created, a COS bucket will be automatically created in the region of the instance and associated with the instance. During the use of the instance, container images, Helm Charts, and other data are directly stored in the bucket. Users can view and manage relevant data and configure data encryption and backup modes. These resources are directly provided and billed by the COS service. For more information about the billing rules and arrears, see [Billing Overview](#) and [Notes on Arrears](#).