

# Tencent Container Registry

## Purchase Guide

### Product Documentation



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# Purchase Guide

## Billing Overview

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TCR Enterprise supports the pay-as-you-go billing mode. You can go to the [TCR Purchase Page](#) to purchase a TCR Enterprise instance. Tencent Cloud COS will be used at the same time with the instance and costs will be incurred based on your actual usage.

## Billing Mode for TCR Enterprise

TCR provides the pay-as-you-go billing mode:

Billing Mode	Payment Method	Billing Unit	Use Cases
Pay-as-you-go	<a href="#">Freeze the fees</a> at the time of purchase, and the service is billed at an hourly basis.	USD/hour	The unit price is high. This billing mode is applicable to scenarios such as temporary test.

## Billable Items for TCR Enterprise

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

Item	Description	Price
Instance purchasing	TCR Enterprise instances support pay-as-you-go billing mode. The managed service charges differ according to selected regions and specifications.	
Storage fees	The cloud native artifacts of the TCR Enterprise 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 mode. Go to the <a href="#">Billing Center</a> to learn more.	Please refer to <a href="#">COS Pricing</a>
Traffic	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. <b>Note:</b> 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

## TCR Enterprise Pricing

You can go to the [TCR Purchase Page](#) to view the latest pricing and discounts for the TCR Enterprise 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.

### Pay-as-you-go (postpaid) price

Region		Basic (USD/hour)	Standard (USD/hour)	Advanced (USD/hour)
Chinese Mainland Regions	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu and Chongqing	0.14	0.28	0.54
	Shenzhen Finance, Shanghai Finance and Beijing Finance	0.23	0.42	0.75
	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

Note :

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

## Specification

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

## Note

When the instance is using the features of Standard or Advanced edition, it is not allowed to degrade the instance specifications to editions which do not support the features. If you want to degrade the specifications, please delete related feature configurations manually first.

Feature Module	Features	TCR Individual	TCR Enterprise		
			Basic	Standard	Advanced
Service guarantee	SLA	Not supported	99.9% (compensation supported)	99.9% (compensation supported)	99.9% (compensation supported)
Instance management	Dedicated registry service	-	✓	✓	✓
	Dedicated domain name access	-	✓	✓	✓
	Custom access domain name	-	✓	✓	✓
	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	-	✓	✓	✓
	Image tag protection	-	✓	✓	✓
	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 building *	✓	✓	✓	✓
	Cloud native delivery workflow	✓	✓	✓	✓

	P2P accelerated distribution of images	✓	✓	✓	✓
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Note :

**Container image compilation and building** feature is based on CODING DevOps service and provides free usage quota. If you need advanced features or want to add quota, please go to CODING DevOps service.

## Free Usage of TCR Individual

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



# Purchase Methods

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Tencent Cloud allows you to purchase TCR Enterprise Edition instances either from the console or via API.

## Purchasing via Console

### Purchasing pay-as-you-go instances

1. Log in to the [TCR purchase page](#).
2. Set the name, region, and specification of the TCR Enterprise Edition instance.
3. Select **Pay as you go** for the **Billing Mode**.
4. Click **Buy Now** and complete the payment as prompted in the page.

After the payment is completed, you can log in to the [TCR console](#) to use it.

## Purchasing via an API

You can use the `CreateInstance` API to create a TCR Enterprise Edition instance.

# Notes on Arrears

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## 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
<b>Arrears reminder</b>	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.
<b>Arrears alert</b>	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
<b>≤ 7 days</b>	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.
<b>&gt; 7 days</b>	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](#).