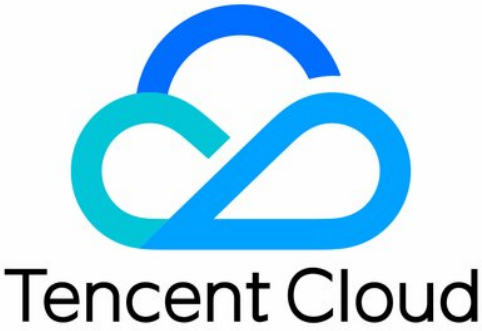
Tencent Container Registry

User Tutorial

Product Documentation



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1. Basic TCR Knowledge

What is TCR?
What are the types of TCR?
Why TCR Enterprise?
Use Cases

2. TCR Billing

Tencent Cloud TCR supports the pay-as-you-go billing mode. You need to understand the billing mode to select an optimal billing solution. For more information, see Billing Overview.

3. Getting Started

3.1 Register on Tencent Cloud

To use TCR, you must sign up for a Tencent Cloud account and complete the identity verification.

3.2 Role authorization

You need to authorize the current service role and grant the TCR operation permissions before accessing other Tencent Cloud service resources.
Log in to the Tencent Cloud console, choose **Products** > **Tencent Container Registry** to go to the TCR console, and grant permissions for your role to perform operations on relevant resources. Then, you can create a TCR Enterprise Edition instance.

3.3 Purchasing a TCR Enterprise Edition instance

You can go to the TCR purchase page and select the region and specifications of the instance as needed. For more information, see Creating an Enterprise Edition Instance.

3.4 Configuring a TCR Enterprise Edition instance

After purchasing an Enterprise Edition instance, you can view your instance in the TCR console, and configure the network access policy for it, implementing the push and pull of container images.

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For more information about how to push and pull an image by using a TCR Enterprise Edition instance, see Quick Start.
For more information about operations such as container image synchronization and migration, see Best Practices.

4. Overview of Console Features

Feature	Document
Creating or deleting the namespace of a TCR Enterprise Edition instance	Managing Namespaces
Configuring an access credential for a TCR Enterprise Edition instance	Obtaining an Instance Access Credential
Accessing a TCR Enterprise Edition instance via a custom domain name	Configuring Custom Domain Name
Accessing a TCR Enterprise Edition instance over the private network	Private Network Access Control
Synchronizing container images and Helm charts among different instances in different regions	Cross-Tenant Synchronization
Terminating or returning a TCR Enterprise Edition instance	Terminating/Returning Instances

5. FAQs

Why can’t I use an instance name to create an instance?
What is the solution for the prompt "unauthorized: authentication required" when an image is pushed or pulled?

6. Feedback and Suggestions

If you have any doubts or suggestions when using Tencent Cloud TCR products and services, you can submit your feedback through the following channels. Dedicated personnel will contact you to solve your problems.
For questions about the product documentation, such as links, content, or APIs, click **Send Feedback** on the right of the document page, or select the text in question and click the **Feedback** tooltip.
If you have any questions about the product, please submit a ticket.

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