

# **Serverless Application Center**

## **FAQs**

### **Product Documentation**



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# FAQs

## Concepts

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Tencent Cloud SLS is deployed based on Serverless Framework. Below are FAQs:

### What is Serverless Framework?

Serverless Framework is a popular serverless application framework service well recognized in the industry. It allows you to deploy completely available serverless application architectures without worrying about underlying resources. Its comprehensive capabilities including resource orchestration, auto scaling, and event-driven programming cover the entire application lifecycle from coding, debugging, and testing to deployment, enabling you to quickly build serverless applications by connecting to cloud-based resources. For more information, see [Product Overview](#).

### Is Tencent Cloud SLS a paid service?

Tencent Cloud SLS is free of charge, but the Tencent Cloud services used by it will be charged by resource usage following their respective billing rules. For more information, please see [Purchase Guide](#).

### What is the difference between Tencent Cloud SLS and SCF?

[Serverless Cloud Function \(SCF\)](#) provides a serverless execution environment, enabling companies and developers to execute code without the need to purchase and manage servers.

Based on Serverless Framework, Tencent Cloud SLS provides a serverless application framework combining SCF, API Gateway, COS, TencentDB, and other resources that enables you to write business logic directly while skipping over configuration and management of underlying resources.

### What application frameworks does Tencent Cloud SLS support?

Currently, Serverless Framework Component provides various applications such as RESTful API and static website deployment. It supports web frameworks in multiple programming languages such as Koa, Express, React, Vue, and SLS-related Next.js and Nuxt.js for Node.js; WSGI frameworks like Flask and Django for Python; and Laravel and ThinkPHP for PHP. More frameworks that fit actual application scenarios will be supported soon.

# Project Installation FAQs

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## What should I do if installation is too slow?

To ensure the installation speed and stability, we recommend you use cnpm for installation. Install cnpm first by running the command `npm install -g cnpm --registry=https://registry.npm.taobao.org` , and then replace all the npm commands used with cnpm commands.

## Why does an entered serverless command not take effect?

When initializing a project, you must ensure that there is no `serverless.yml` file in the current directory; otherwise, the CLI will deem that the current directory is already a serverless project and cannot initialize the application.

# Development Environment

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## How do I deploy if my development environment is outside the Chinese mainland?

Serverless Framework will check whether the user is in the Chinese mainland by default during deployment. If your development environment is outside the Chinese mainland and you want to use Serverless Framework in the Chinese mainland edition, you can add the configuration item `SERVERLESS_PLATFORM_VENDOR=tencent` in the `.env` file to start the Chinese mainland edition by default.

## What should I do if I'm redirected to the global version during deployment?

If your deployment environment is configured with a proxy, this problem may occur. Please check whether your development environment is in the Chinese mainland and then add the configuration item

`SERVERLESS_PLATFORM_VENDOR=tencent` to the `.env` file.

## What should I do if deployment is slow in my development environment outside the Chinese mainland?

The Serverless Framework deployment engine is currently in the Chinese mainland; therefore, for overseas deployment, file upload may be very slow. You can enable global acceleration by adding the configuration item

`GLOBAL_ACCELERATOR_NA=true` to the `.env` file.

## How do I deploy if my environment does not have permission to access the public network and can access the public network only through a proxy?

Add the following configuration to the `.env` file:

```
HTTP_PROXY=http://127.0.0.1:12345 # Replace "12345" with your proxy port
HTTPS_PROXY=http://127.0.0.1:12345 # Replace "12345" with your proxy port
```

## What should I do if I have no permissions when using Windows PowerShell for deployment?

The permission control of Windows PowerShell is very stringent. You need to run the `set-executionpolicy remotesigned` command before you can deploy normally. In addition, we recommend you use the `serverless deploy` method to deploy in the Windows environment.

# Permission Configuration

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## What should I do if "The appid is unavailable for legal reasons." is reported?

This error is caused by account arrears, as it is impossible to create pay-as-you-go resources. Please check whether your account is in arrears. This error can be resolved by topping up your account to a positive balance.

## What should I do if "you are not authorized to perform operation resource has no permission" is reported?

This error is caused by the lack of relevant permissions in the account itself or the invocation role `SLS_QcsRole`.

Please determine the missing policy according to the error message and then assign it to the account or

`SLS_QcsRole` in the [CAM console](#).

Sample error message:

```
[request id:xxxxx]you are not authorized to perform operation (scf:CreateFunction) resource (qcs::scf:gz:uin/xxxxxx:function/*) has no permission
```

It can be seen from the error message that the permissions of `scf:CreateFunction` are missing, so you need to log in to the console and assign the policy `SCFFullAccess` to the corresponding account or `SLS_QcsRole`.

## What should I do if my sub-account has no permissions?

For more information, please see [Sub-account Permission Configuration](#).

# Deployment Process

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## Why is the error "EnvId is invalid" reported when I deploy a full-stack application through the MongoDB component?

The TCB DB component currently creates one free TCB environment for you by default. If you already have a free environment, creating a new one through Serverless Component will fail and report an error. You can delete the `DB` folder and configure the `MongoId` parameter in `backend -> serverless.yml` in the `Demo` directory and enter the ID of your existing TCB environment to complete the project deployment.

## I created an API Gateway trigger and an SCF function through components, but why isn't the trigger information displayed in the SCF console?

The serverless component creates API Gateway triggers by calling the API Gateway APIs. Currently, the SCF console cannot display triggers created through API Gateway APIs. You can log in to the [API Gateway console](#) to configure related triggers.

## Why is the error "cdn host no icp" reported?

Tencent Cloud requires that an ICP filing be present when a CDN acceleration domain name or custom domain name is used; otherwise, the domain name won't take effect.

## Why doesn't the configuration in `serverless.yml` take effect?

The configuration information in the `.yml` file should be entered strictly in accordance with the sample format. Please make sure that the content and indentation format of your configuration file are correct.

## Why does parameter verification fail during deployment?

To ensure successful application deployment, Serverless Framework will verify the format of the parameters in the `.yml` file. Please make sure that your parameter format complies with the specifications. If you don't need a parameter, please delete it directly, as verification will fail even if you leave it empty.



# Others

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## What should I do if Serverless Framework prompts that `"component" input is requires to run custom methods` ?

When the Serverless Framework CLI is started, if a component is referenced in the `yaml` configuration file by default, you need to make sure that the folder is empty before you can run the component installation command properly.

Running the `serverless create` command again in an empty folder will not cause this error.

If you have any other questions or feedback, please visit [GitHub Repository Issues](#).