

Grafana

Operation Guide

Product Documentation



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Operation Guide

Instance

Creating Instance

Last updated : 2024-01-02 18:00:32

This document describes how to create a TencentCloud Managed Service for Grafana (TCMG) instance.

Directions

1. Enter the [TCMG purchase page](#) and configure the following items as needed:

Configuration Item	Required	Configuration Description
Billing Mode	Yes	Currently, only monthly subscription billing is supported.
Region and AZ	Yes	Select a region based on the region of your Tencent Cloud service. Tencent Cloud services in different regions cannot interconnect with each other over private network. Selecting the region closet to your end users can minimize access latency. Once the instance is created, you cannot switch the region.
Network	Yes	Currently, only subnets in certain AZs are supported. For more information, see the TCMG purchase page . “Network” refers to a logically isolated network space in Tencent Cloud. A VPC consists of at least one subnet. The system will provide a default VPC and subnet for you in each region. If the existing VPCs/subnets don't meet your requirements, you can create new ones as instructed in Creating VPC and Creating Subnets .
Instance Edition	Yes	Three instance editions are supported: Basic, Advanced, and Pro. They only differ in the number of accounts they support. For more information, see Monthly Subscription .
Instance Name	Yes	You can customize the name of a TCMG instance.
Username	Yes	The default username is “admin” and cannot be changed.
Password	Yes	A custom Grafana login password, which must contain 8–16 characters in at least three of the following four character types: uppercase letters, lowercase letters, digits, and symbols (-!@#\$%^&*+=_~:;.?).
Tag	No	Tags can be configured to manage resources by category in different dimensions. For more information, see Managing Instances via Tags .

Auto-Renewal	No	Your instance will be automatically renewed monthly upon expiration if your account has a sufficient balance.
--------------	----	---

Configurations

Billing Mode

Monthly subscription

Region

East China

Hong Kong/Macao/Taiwan (China)

Asia Pacific

Europe and North America

Southeast As

Shanghai

AZ

Sold out

Shanghai Zone 1

Shanghai Zone 2

Shanghai Zone 3

Shanghai Zone 4

Shanghai Zone 5

Sold out

Shanghai Zone 6

Sold out

Shanghai Zone 7

Network

Select a VPC

Please select a VPC.

If the existing VPC/subnet does not meet your requirement, you can go to the console to [create a VPC](#)

Instance Information

Instance Edition

Basic Edition

Supports 20 user accounts

Advanced Edition

Supports 50 user accounts

Pro Edition

Supports 100 user accounts

Instance Name

Up to 128 characters

Username

admin

Grafana Password

Confirm Password

Domain Name Access

☐ Enable

Tag (optional)

+ Add

If the existing tag/tag value does not meet your requirement, you can [create one](#) in the console.

Auto-Renewal

☒ Auto-renew the device monthly upon expiration if my account has sufficient balance

Validity Period

1 month

2 months

3 months

6 months

1 year

More

2. Confirm the information you enter, click **Buy Now**, and make payments.

Searching for Instance

Last updated : 2024-01-02 18:00:39

By default, Grafana instances in the current region are displayed in the TCMG console. To help you quickly find the instances in the current region, Tencent Cloud provides the search feature and allows you to filter instances by resource attributes such as instance ID, name, status, and tag.

Directions

1. Log in to the [TCMG console](#).
2. Enter the conditions in the search box as needed and click



TencentCloud Managed Service for Grafana Shanghai 3 Other regions 10 Follow

Create

Instance Name: test × Separate

Instance ID/Name	Status	Network	Private Network ...	Configuration	Billing Mode	T
<div><div>test-test</div><div>carl</div><div>Renew</div></div>	✓ Running	Network:joklr-test Subnet: subnet-joklr-test-1		Basic Edition	Monthly subscription ✓ 2022/12/09 18:52:13Expired	
<div><div>test-carldai</div><div>Renew</div></div>	✓ Running	Network:joklr-test Subnet: subnet-joklr-test-1		Basic Edition	Monthly subscription ✓ 2022/12/17 12:03:00Expired	

Total items: 2

3. You can filter instances by different conditions. Currently, the following dimensions are supported:

Instance ID: you can directly enter multiple instance IDs for quick filtering. Each instance ID supports only full match-based filtering.

Instance name: you can enter only one instance name for filtering. Fuzzy match-based filtering is supported.

Status: you can enter multiple status values for filtering. You can also configure the list header for quick filtering.

Tag: you can enter multiple tags to filter instances. You can also directly click a tag value in the instance list for filtering.

Terminating Instance

Last updated : 2024-01-02 18:00:46

If you no longer use an instance, you can terminate/return it, and it will be suspended once terminated/returned. You can reboot suspended instances according to different scenarios and needs.

Impact

Once an instance is suspended, its data will be affected as follows:

IP: the corresponding IP address will be returned.

Grafana: Grafana cannot be accessed at the corresponding domain name.

Data retention: after an instance is terminated/returned, it will be suspended and retained for 7 days, after which it will be terminated and its data will be deleted and cannot be recovered.

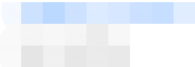

Directions


1. Log in to the [TCMG console](#).
2. In the instance list, select the Grafana instance to be terminated/returned and click **More > Instance Status > Terminate/Return** on the right.
3. As termination/return is a high-risk operation, in the **Terminate/Return** window that pops up, complete the three termination/return steps as prompted and click **OK**.

Terminate

- 1 Termination Details > 2 Confirm > 3 Notes

You have selected this instance:

Instance ID/Name	Status	Network	Billing Mode
	 Running	Network: joklr-test Subnet: subnet-joklr-test-1	Monthly subscription

-  • Once terminated, the instance will be retained for seven days in the recycle bin.

NextCancel

Upgrading Instance

Last updated : 2024-01-02 18:00:52

This document describes how to upgrade a Grafana instance.

Directions

1. Log in to the [TCMG console](#).
2. In the instance list, select the Grafana instance to be upgraded and click **More > Instance Status > Upgrade** on the right.
3. In the pop-up window, select the target version to upgrade to.

Upgrade

1 Upgrade Details

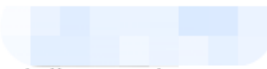

>

2 Confirm

>


3 Notes

You have selected this instance:

Instance ID/Name	Status	Network	Billi
 billing-carl	 Running	Network: joklr-test Subnet: subnet-joklr-test-1	Mor subs

Please select a version

v9.1.5

 • The instance will be upgraded.

Next

Cancel

4. After all steps are completed, the instance will be upgraded and rebooted.

Notes

1. Open-Source Grafana can be upgraded only from one version to the next version, and for instance upgrade across more than two versions, you can upgrade the instance multiple times.
2. When an instance is upgraded, its data will be backed up on the backend. If the upgrade fails, the instance will be automatically restored to the status before the upgrade.

Rebooting Instance

Last updated : 2024-01-02 18:00:59

Instance rebooting will be triggered when you modify the following Grafana configuration items.

SSO and disablement.

Custom DNS.

Tencent Cloud service integration.

Installed plugin.

Notification channel.


Grafana INI configuration.

LDAP configuration.

Environment variable.

Upgrade

✓ Upgrade Details > ✓ Confirm > 3 Notes

 • The instance will be upgraded and rebooted.

Previous

OK

Cancel

Notes

1. The instance rebooting process takes about one minute.
2. During rebooting, to ensure data consistency, you can still access Grafana to view the monitoring data at the domain name, but editing operations will not take effect.
3. During rebooting, you can still edit the Grafana configuration in the console.

Viewing Instance's Basic Information

Last updated : 2024-01-02 18:01:04

This document describes how to view the basic information of an instance.

Directions

1. Log in to the [TCMG console](#).
2. In the instance list, find the target instance and click its **instance ID** or **Management** on the right to view its basic information.

The screenshot displays the Tencent Cloud console interface for a Grafana instance. On the left is a sidebar with navigation options: 'grafana-3cn99d8z' (with sub-item 'billing-carl'), 'Basic Info', 'Tencent Cloud Service Integration', 'Plugin', 'Alert Channel', 'Configuration', 'Image Rendering', 'Account Management', and 'Data Security'. The main content area is titled 'Basic Info' and includes a 'Follow WeChat Official' link. It contains two sections: 'Basic Info' and 'Network'. The 'Basic Info' section lists the following details: Instance Name (billing-carl), Instance ID (redacted), Status (Running), Billing Mode (Monthly subscription), Configuration (Advanced Edition), Region (Shanghai), Network/Subnet (joklr), Access Address (redacted), Version (v9.1.5), Tag (-), and Creation Time (2022/10/17 11:34:03). The 'Network' section shows: Private Network Address (redacted), Public Network Address (disabled), Single Sign-on (enabled), and Custom DNS (Not set).

Basic Info	
Instance Name	billing-carl
Instance ID	[Redacted]
Status	Running
Billing Mode	Monthly subscription
Configuration	Advanced Edition
Region	Shanghai
Network/Subnet	joklr
Access Address	[Redacted]
Version	v9.1.5
Tag	-
Creation Time	2022/10/17 11:34:03

Network	
Private Network Address	[Redacted]
Public Network Address	Off
Single Sign-on	On
Custom DNS	Not set

3. You can perform the following operations on the basic information page:

Rename the instance.

Edit instance tags.

Enable public network access.

Configure a public IP allowlist to enhance security.

Enable SSO. SSO is a unified authentication and authorization mechanism. After it is enabled, you can log in to Grafana with your Tencent Cloud account.

Customize your private DNS as needed to allow Grafana to resolve and access domain names through it.

Notes on SSO

1. SSO supports tags. You can configure tags for your instance, and sub-accounts that have permissions of the tag will automatically get the login permission.

2. The account permission for SSO login is Admin. Grafana itself doesn't support getting the Server Admin permission through SSO. You can log in with your password and configure the Server Admin permission for SSO.

Tencent Cloud Service Integration

Tencent Cloud Service Integration

Last updated : 2024-01-02 18:01:11

You can perform the following operations on the Tencent Cloud service integration page:

View available integrations

Manage installed integrations

Configure service roles

Prerequisites

1. Log in to the [TCMG console](#).
2. Find the corresponding Grafana instance in the list and click its **instance ID** to enter the Grafana instance management page.
3. Click **Tencent Cloud Service Integration** on the left sidebar.

Viewing Available Integrations

On the **Tencent Cloud Service Integration** page, you can view and search for the available integrations of the current instance and install and connect them. After they are connected successfully, their monitoring data will be displayed on the Grafana dashboard.

Tencent Cloud Service Integration

Tencent Cloud Service Integration


Integration List

Service Role

Tencent Cloud Service Integration

Search for access mode by keyword

Category: All Tencent Cloud S...




Cloud Log Service

Connect to Cloud Log Service

Install

Integration Guide




Cloud Monitor

Use Cloud Monitor Grafana plugin to visualize the monitoring data of Tencent Cloud services

Install

Integration Guide



Kong

Connect to Tencent Managed

Install

Prometheus

1. Click **Install** below **Prometheus** to enter the installation page.

2. Configure the data source:

Data Source Name: enter the Prometheus instance ID.

Data Source Address: enter the private network address of Prometheus such as `http://x.x.x.x:9090`.

UID: it is the unique data source ID. We recommend you enter the Prometheus instance ID.

Account: `Appid` of your Tencent Cloud account, i.e., the account on the Prometheus instance details page.

Password: token on the Prometheus instance details page.

Dashboard Configuration: the dashboards in the Prometheus integration center will be automatically installed through this optional parameter, so you don't need to enter it.

3. After completing the configuration, click **Save**. After the system is rebooted, you can view the installed Prometheus data source on the Grafana data source page.

CM

1. Click **Install** below **CM** to enter the installation page.

2. Configure the data source:

Data Source Name: enter the data source name.

Authentication: select the authentication type.

With key:

SecretID: enter your `SecretID`.

SecretKey: enter your `SecretKey`.

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Integration list / **New**

Cloud monitoring Grafana plugin

Data source configuration

Data source name *

Authentication

Authentication *

SecretID ⓘ

SecretKey ⓘ

After saving, the instance will be rebuilt

With service role: this option requires you to configure the service role with corresponding permissions for your instance. For detailed directions, see [Service Role](#).

Integration list / **New**

Cloud monitoring Grafana plugin

Data source configuration

Data source name *

Authentication

Authentication *

Service role ☒

save

Cancel

After saving, the instance will be rebuilt

3. After completing the configuration, click **Save**. After the system is rebooted, you can view the installed CM data source on the Grafana data source page.

CLS

1. Click **Install** below **CLS** to enter the installation page.

Integration list / **New**

Tencent Cloud Log Service CLS plugin

Data source configuration

Data source name *

example

SecretID ⓘ *

hh

The length of this option cannot be less than 36

SecretKey *

.....

✕ 🔑

Log service configuration

Region ⓘ *

ap-beijing

TopicId ⓘ *

topic

save

Cancel

After saving, the instance will be rebuilt

2. Configure the data source:

Data Source Name: enter the data source name.

SecretID: enter your `SecretID` .

SecretKey: enter your `SecretKey` .

3. Configure CLS:

Region: region such as `ap-guangzhou` . For the complete list, see [Available Regions](#).

TopicId: log topic. For more information, see [Log Topic](#).

4. After completing the configuration, click **Save**. After the system is rebooted, you can view the installed CLS data source on the Grafana data source page.

Managing Installed Integrations

Select **Integration List** to view the installed integrations, which may be installed by you or automatically by Tencent Cloud services through the binding relationship and can be deleted in the **Operation** column.

Cloud product integration

Cloud product integration **Integration list** Service role

name	type	describe	Label
integration-8gupcof2	tencent-clis-grafana-datasource	Tencent Cloud Log Service Data...	

Service Role

Last updated : 2024-01-02 18:01:19

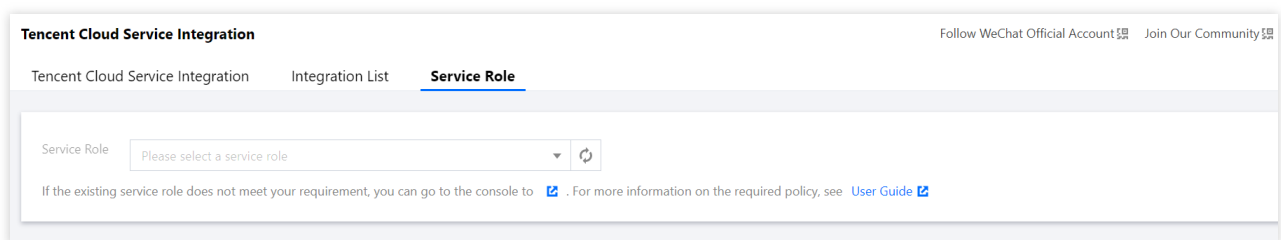
After you authorize your Grafana instance with a service role, it can access corresponding APIs with the temporary key of the service role. Do not enter sensitive `SecretID` / `SecretKey` ; otherwise, the data security may be compromised.

Prerequisites

1. Log in to the [TCMG console](#).
2. In the instance list, find the target instance and click **Instance ID**.
3. On the instance details page, click **Tencent Cloud Service Integration** in the list on the left.

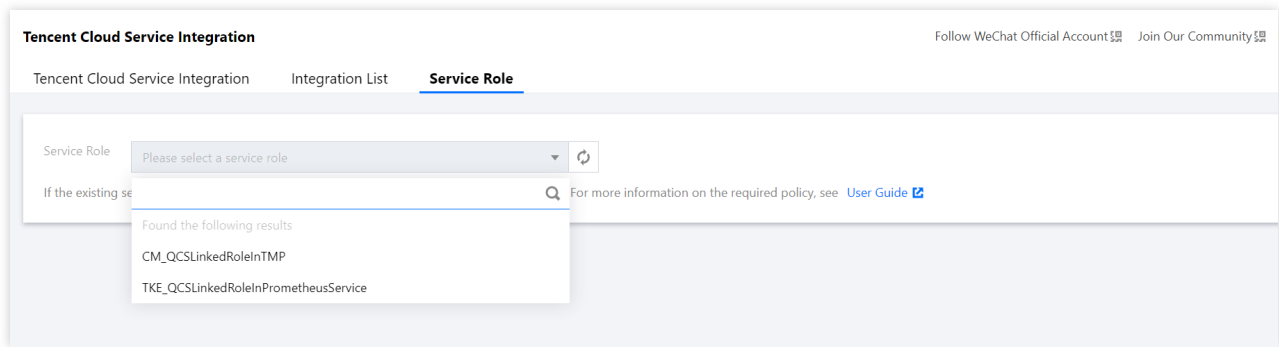
Directions

Click the **service role editing** icon in the top-right corner of the **Tencent Cloud Service Integration** page to configure a service role for the current instance.



Selecting service role

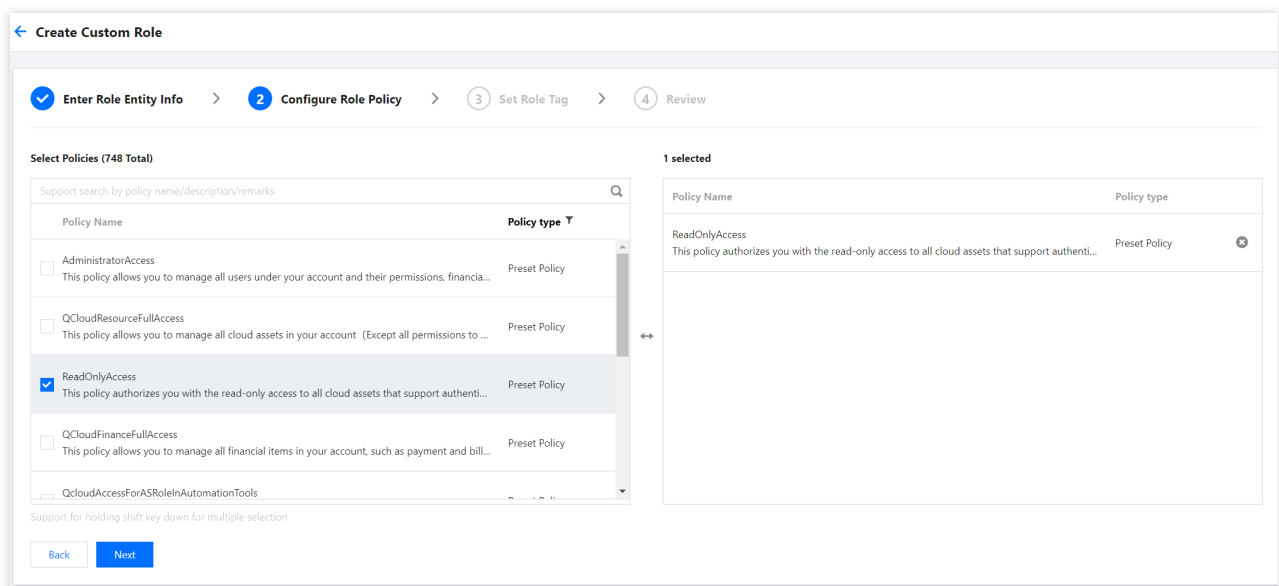
1. Click the **Service Role** drop-down list, and eligible service roles will be automatically loaded.
2. Select a preconfigured or self-created service role. Different Tencent Cloud services have different requirements for service role permissions, and you can create service roles as needed.
3. Click **Save**, and the instance will be rebooted.



Creating service role

For demonstration purposes, this section uses the preconfigured `ReadOnlyAccess` policy as an example. You can view the policies required by Tencent Cloud services at the end of this document and configure read-only access as needed.

1. Go to the [CAM > Role](#) page.
2. Click **Create Role** in the top-right corner and select **Tencent Cloud Product Service** in the pop-up window.
3. In the **Enter role entity info** step, select **Cloud Virtual Machine (CVM)** and click **Next**.
4. In the **Configure role policy** step, search for and select **ReadOnlyAccess** and click **Next**.



5. Preview the custom role, name it, and click **Complete**.

Policies required by Tencent Cloud services

Policies required by TCMG plugins

Policy Description	Policy Name
--------------------	-------------

Read-Only access to CM	QcloudMonitorReadOnlyAccess
Read-Only access to CVM resources	QcloudCVMReadOnlyAccess
Read-Only access to CLS	QcloudCLSReadOnlyAccess

Policy required by CLS

Policy Description	Policy Name
Read-Only access to CLS	QcloudCLSReadOnlyAccess

Plugin Management

Installing Plugin

Last updated : 2024-01-02 18:01:28

Currently, TCMG provides common Grafana plugins for you to install as needed. This document describes how to install plugins.

Prerequisites

You have created a [Grafana instance](#).

Directions

1. Log in to the [TCMG console](#).
2. Select the Grafana instance from the instance list.
3. Click **Plugin** on the left sidebar.
4. Select the desired plugin in the list and click **Install**.

Grafana Plugin

Follow WeChat Official Account

Installed:

No data

Select a Grafana plugin you want to install

Filter by plugin ID

ID	Version
<input checked="" type="checkbox"/> grafana-piechart-panel	1.6.2
<input type="checkbox"/> grafana-clock-panel	1.2.0
<input type="checkbox"/> camptocamp-prometheus-alertmanager-datasource	1.0.0
<input type="checkbox"/> tencentcloud-monitor-app	2.7.6
<input type="checkbox"/> williamvenner-timepickerbuttons-panel	4.1.1

Selected (1)

ID
grafana-piechart-panel

Support for holding shift key down for multiple selection

Install

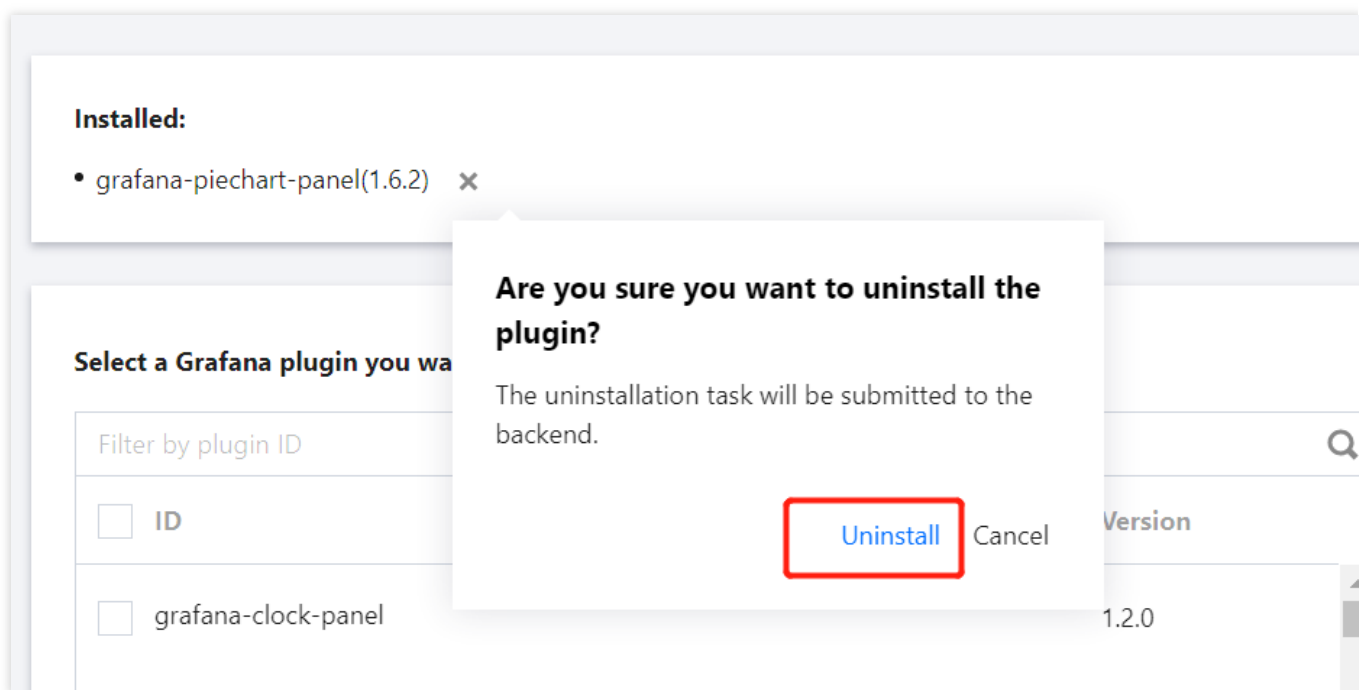
Uninstalling Plugin

Last updated : 2024-01-02 18:01:34

This document describes how to uninstall a TCMG plugin.

Directions

1. Log in to the [TCMG console](#).
2. Select the Grafana instance from the instance list.
3. Click **Plugin** on the left sidebar.
4. Select the plugin to be uninstalled in the list of installed plugins, click ✕ on the right, click **Uninstall** > **OK** in the pop-up window, and wait for the instance to be rebooted.



Logging in to Grafana

Last updated : 2024-01-02 18:01:39

This document describes how to log in to Grafana.

Directions

- 1. Log in to the [TCMG console](#).
- 2. In the instance list, find the target instance and click the **Grafana icon**



TencentCloud Managed Service for Grafana

Shanghai 3

Other regions 10

Follow WeChat Of

Create

Separate keywords with

Instance ID/Name	Status	Network	Private Network ...	Configuration	Billing Mode	Tag (key:va
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><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- 3. On the Grafana login page, enter your account and password or log in with SSO.

Notification Channel

Last updated : 2024-01-02 18:01:45

TCMG allows you to add notification channels. Alert notifications can be sent through multiple channels such as webhook, email, SMS, and phone.

Prerequisites

1. Log in to the [TCMG console](#).
2. In the instance list, find the target instance and click **Instance ID**.

Directions

1. Enter the instance details page and click **Notification Channel** in the list on the left.
2. On the **Notification Channel** management page, click **Create** in the top-left corner.
3. On the **Create Notification Channel** page, enter the channel name and select or create a notification template as instructed in [Creating Notification Template](#).


Alert Channel / **Create**

Channel Name *

Please enter a policy name

Alert Notification *

Select Template

Create 

1 selected. 2 more can be selected

Notification Template Name	Included Operations
slack	User Notification: 1

▶ Advanced Settings

Save

Cancel

4. After a notification template is created, you can return to the notification channel creation page, select the created template, and click **Save**. You can view the created notification channel on the **Grafana Alert Notification Channel** page after the instance is rebooted.

5. When configuring a Grafana alert, select the name of the added channel in the **Notification Channel** configuration block.

Query 1 Transform 0 Alert 0

Rule

Name: Panel Title alert Evaluate every: 1m For: 5m

Conditions

WHEN avg () OF query (A, 5m, now) IS ABOVE

No data and error handling

If no data or all values are null set state to No Data

If execution error or timeout set state to Alerting

Notifications

Send to: +

Message: Notification message details...

Configuration Management

Last updated : 2024-01-02 18:02:00

TCMG allows you to customize the Grafana configuration parameters, LDAP configuration parameters, and environment variables.

Prerequisites

1. Log in to the [TCMG console](#).
2. Find the target instance and click **Instance ID**.

Grafana Configuration

1. Enter the instance details page and click **Configuration** in the list on the left.
2. On the **Configuration** management page, click **Create** in the top-left corner.

Configuration

Follow WeChat Official Account

Grafana Configuration

LDAP Configuration

Environment Variable

Edit

Configuration Items	Description	Value
▼ server		
http_port		8080
root_url	This is the full URL used to access Grafana from a we...	https://cloud-gr
serve_from_sub_path	Serve Grafana from subpath specified in root_url setti...	true

3. In the pop-up window, enter the custom configuration file content in INI format, click **Save**, and the instance will be rebooted. For more information, see [Configuration](#).

LDAP Configuration

1. Enter the instance details page and click **Configuration** in the list on the left.
2. On the **Configuration** management page, switch to the **LDAP Configuration** tab and click **Modify** in the top-left corner.
3. Enter the custom LDAP configuration content in INI format as instructed in [LDAP Authentication](#), click **Save**, and the instance will be rebooted.

Environment Variable

1. Enter the instance details page and click **Configuration** in the list on the left.
2. Switch to the **Environment Variable** tab and click **Modify** in the top-left corner.
3. Configure the environment variable as needed, click **Save**, and the instance will be rebooted.

Configuration Follow WeChat Official

Grafana ConfigurationLDAP Configuration**Environment Variable**

Environment Variable Edit Environment Variable

Environment Variable *

TypeValue

+ Add

SaveCancel

The instance will be rebooted after the configuration is saved.

Notes

1. Currently, you cannot configure credentials for LDAP.
2. The environment variable name must start with a letter or underscore and can contain only letters, underscores, and digits.

Image Rendering

Last updated : 2024-01-02 18:02:06

TCMG is preconfigured with a remote image rendering server, so you can use the image rendering capabilities without performing any additional operations. This document lists common use cases of image rendering.

Prerequisites

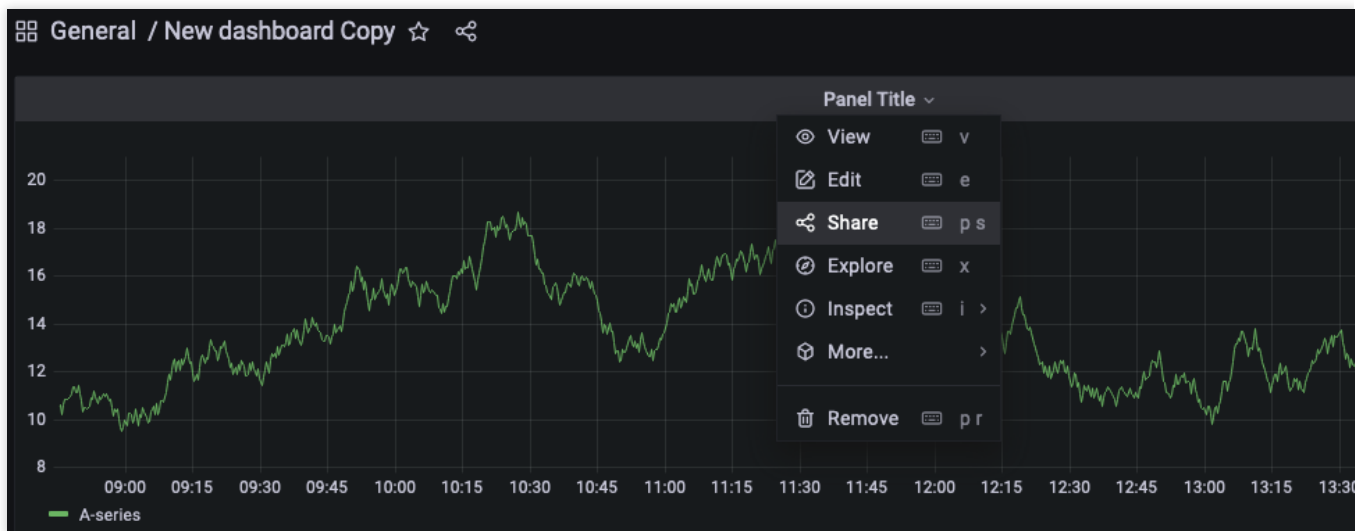
1. Log in to the [TCMG console](#).
2. In the instance list, find the target instance and click the **Grafana icon**



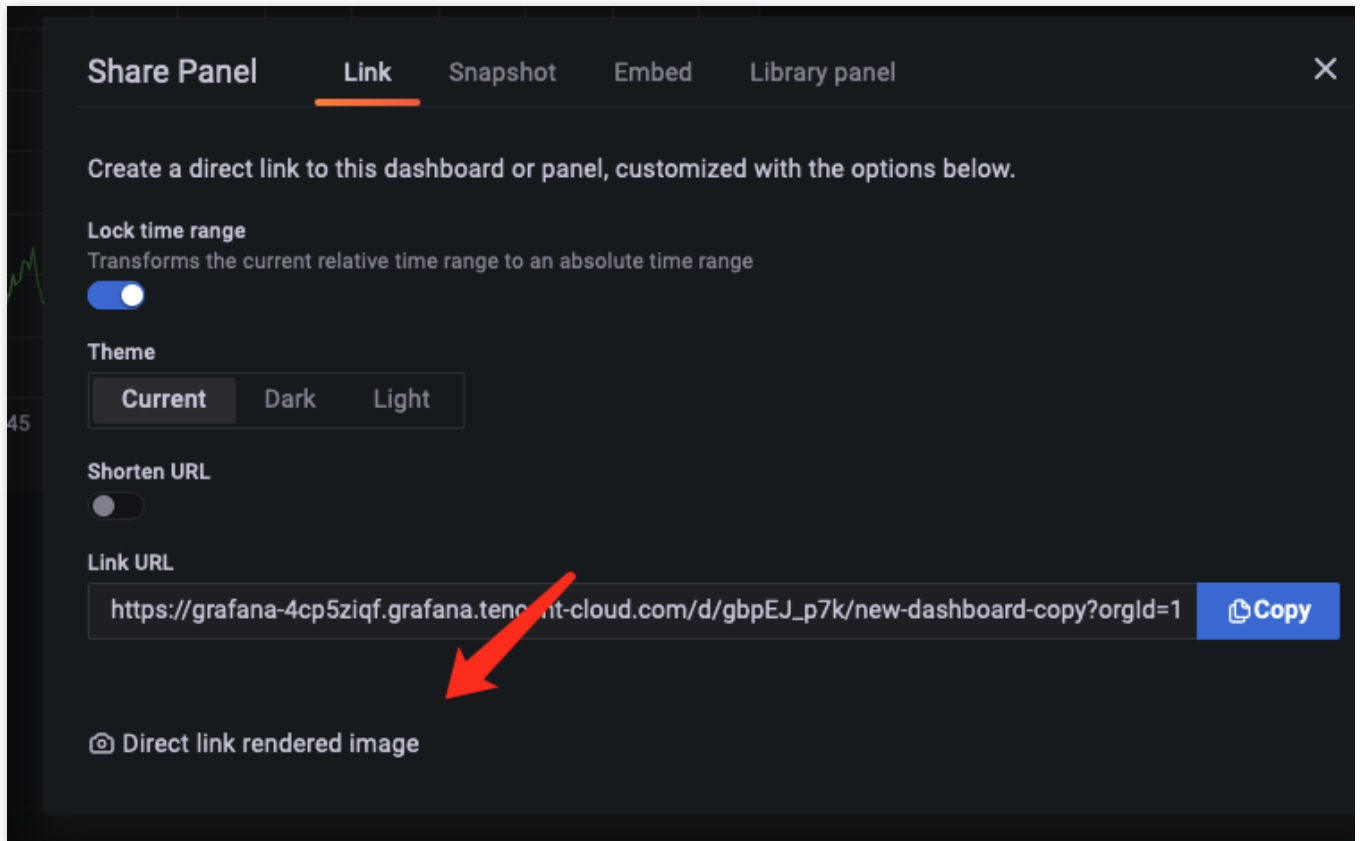
3. Enter your Grafana account and password and click any dashboard in Grafana.

Sharing Dashboard

1. On any dashboard, click **Title** and select **Share** in the pop-up window.



2. Click **Direct link rendered image** at the bottom of the pop-up window.

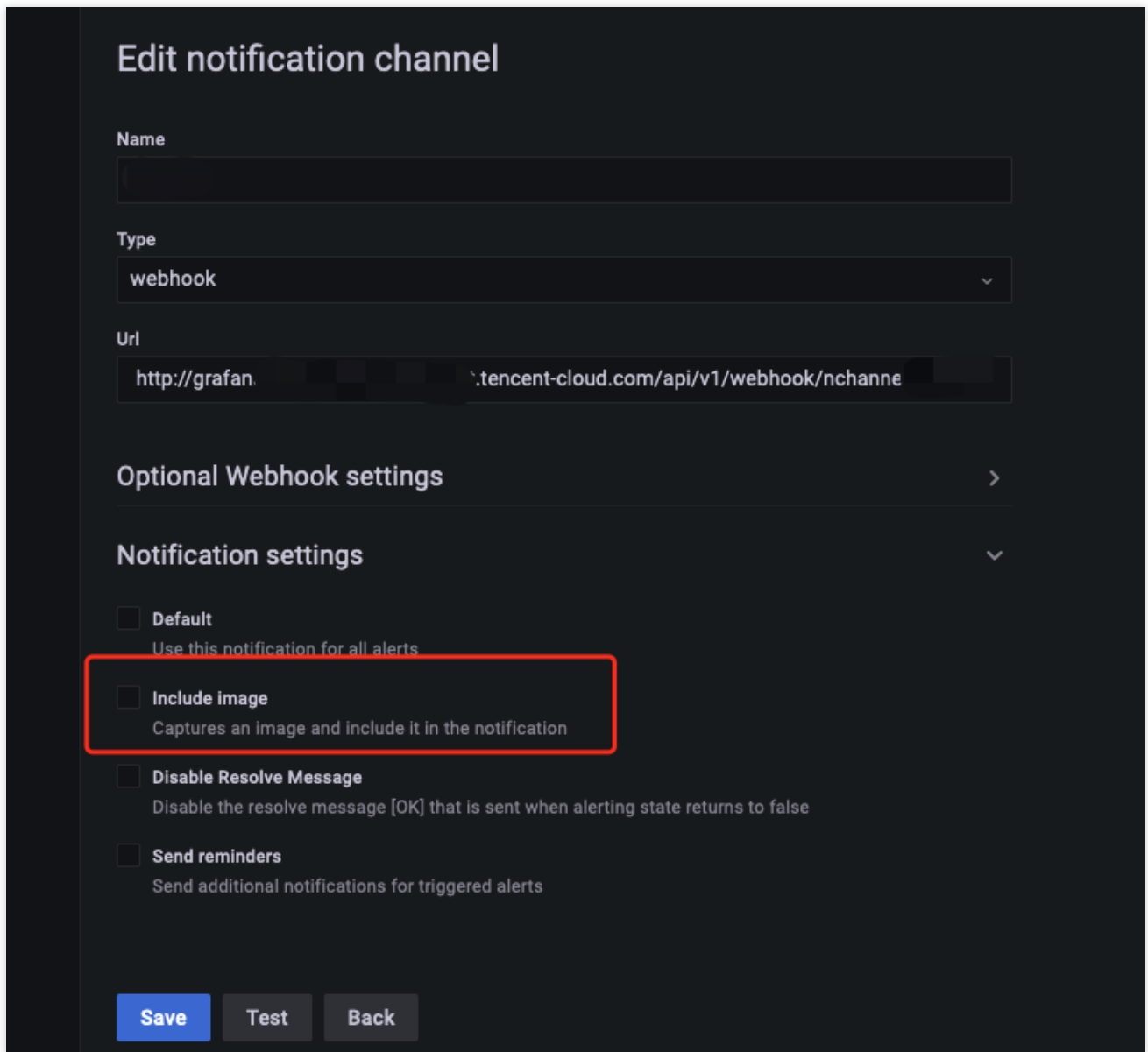


3. Get the address of the dashboard rendered as an image and share it.



Setting Alarm

Similarly, you can select **Include Image** in **Notification settings** to render the alert dashboard as an image as shown below:



The screenshot shows the 'Edit notification channel' configuration page. The 'Name' field is empty. The 'Type' is set to 'webhook'. The 'Url' is 'http://grafana.tencent-cloud.com/api/v1/webhook/nchanne'. The 'Optional Webhook settings' section is collapsed. The 'Notification settings' section is expanded, showing several options: 'Default' (unchecked), 'Include image' (unchecked and highlighted with a red box), 'Disable Resolve Message' (unchecked), and 'Send reminders' (unchecked). At the bottom are 'Save', 'Test', and 'Back' buttons.

Edit notification channel

Name

Type

webhook

Url

http://grafana.tencent-cloud.com/api/v1/webhook/nchanne

Optional Webhook settings

Notification settings

☐ **Default**
Use this notification for all alerts

☐ **Include image**
Captures an image and include it in the notification

☐ **Disable Resolve Message**
Disable the resolve message [OK] that is sent when alerting state returns to false

☐ **Send reminders**
Send additional notifications for triggered alerts

Save Test Back

Note:

Remote image rendering is not supported for dashboards with data sources of the **Browser** type.

Account Management

Last updated : 2024-01-02 18:02:13

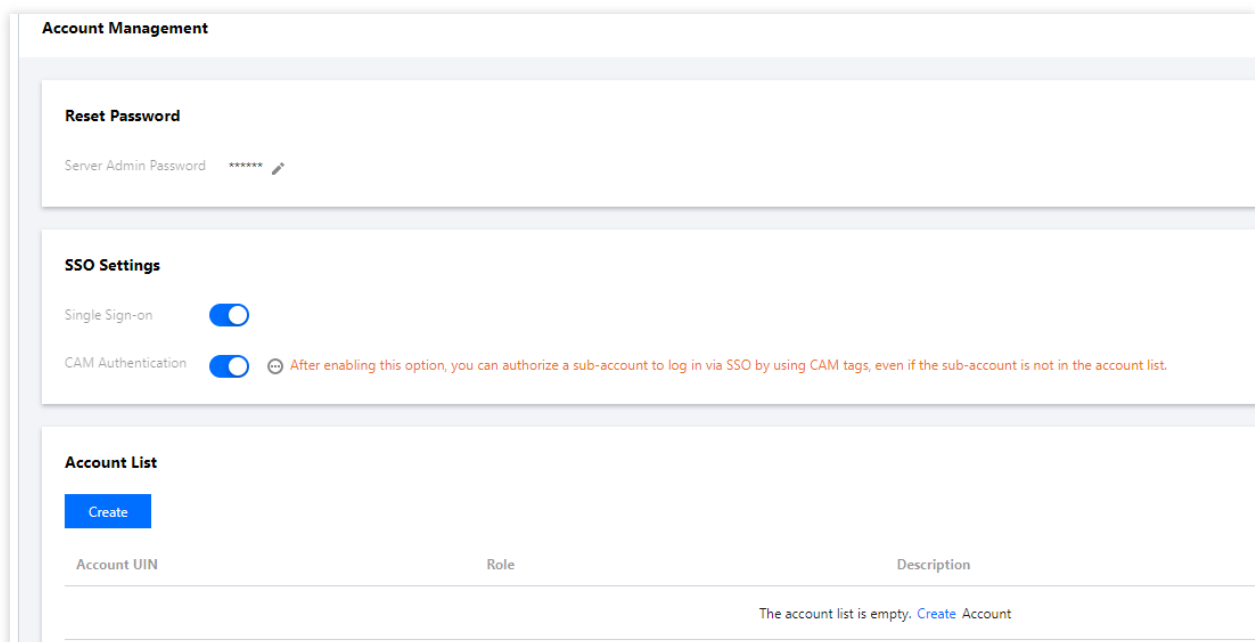
TencentCloud Managed Service for Grafana (TCMG) provides the account management feature that allows you to determine which users support single sign-on (SSO) login and manage their permissions.

Preparations

1. Log in to the [TCMG console](#).
2. Find the target instance and click **Instance ID**.

Directions

1. Enter the instance details page and click **Account Management** in the list on the left.



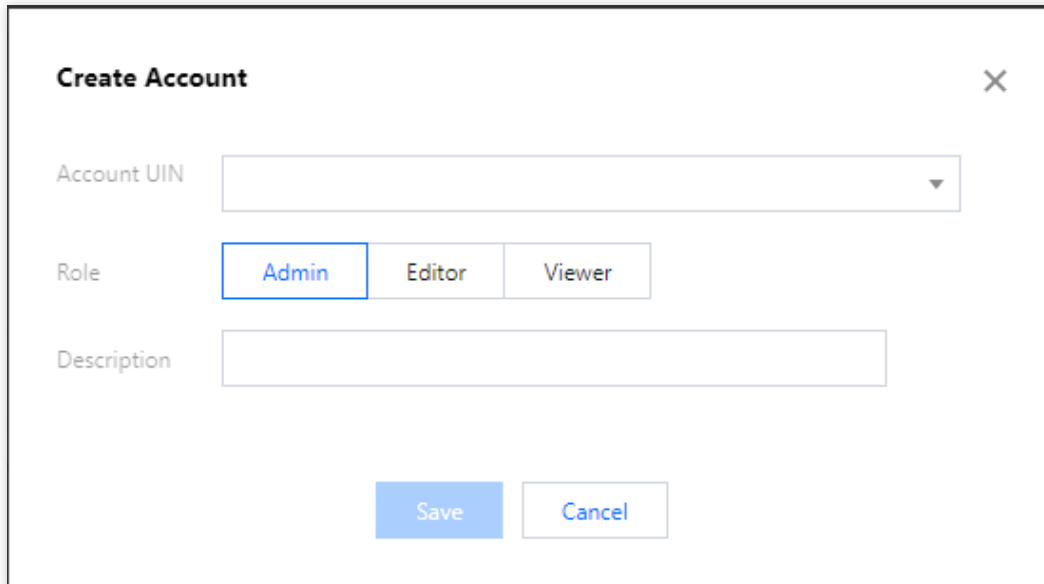
2. Make sure that **Single Sign-on** is enabled; otherwise, users can only log in to the instance with account ID and password.

If you want to authorize sub-accounts to log in via SSO by using CAM tags, enable **CAM Authentication**, after which unauthorized sub-accounts will be denied SSO login. You can go to the **Account List** module to control the permissions of sub-accounts that have successfully logged in via SSO.

If you want to allow unauthorized sub-accounts to log in via SSO, disable **CAM Authentication** and go to the **Account List** module to grant them the SSO login permission.

Account List

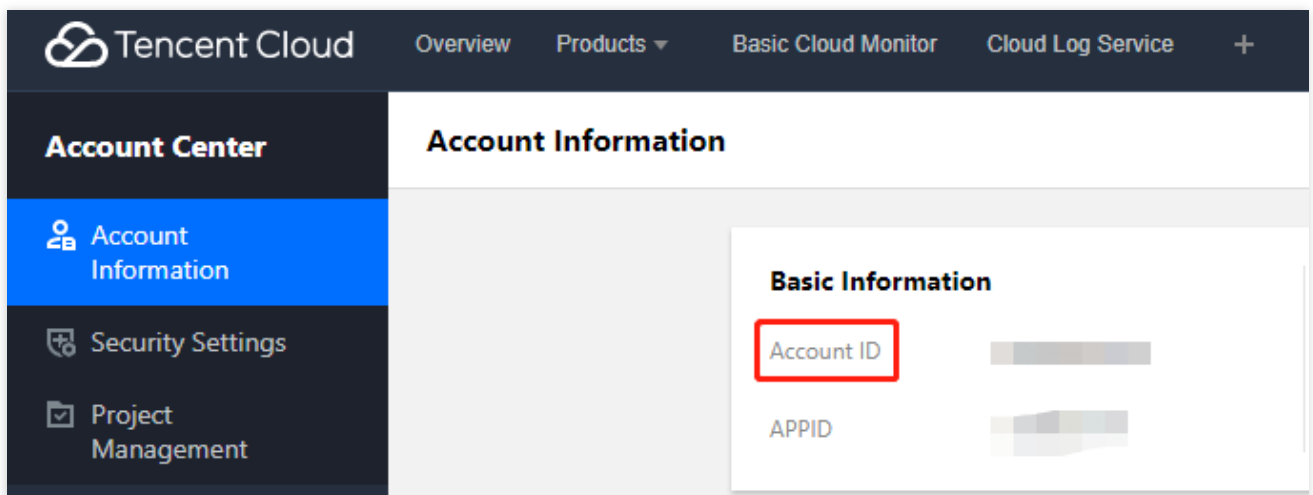
On the **Account Management** page, click **Create** in the **Account List** module, enter the account UIN, and select a role that defines the TCMG user's permission.



The 'Create Account' dialog box contains the following fields and controls:

- Account UIN:** A text input field with a dropdown arrow on the right.
- Role:** Three buttons labeled 'Admin', 'Editor', and 'Viewer'. The 'Admin' button is highlighted with a blue border.
- Description:** A text input field.
- Buttons:** 'Save' and 'Cancel' buttons at the bottom.

The account UIN here corresponds to the **Account ID** on the **Account Information** page in [Account Center](#).



FAQ

What should I do if I cannot log in via SSO?

1. Check whether your root account is the same as the instance's.
Currently, TCMG doesn't support cross-root account SSO login.
2. Check whether the configurations on the **Account Management** page are correct.

If **CAM Authentication** is enabled, a user's Tencent Cloud account will be authenticated by CAM, and only the authorized user can successfully log in via SSO. If the user account is in the account list on the **Account Management** page, permissions set in the list will apply.

If **CAM Authentication** is disabled, you can go to the **Account List** module to manage users who have the SSO login permission. Users in the account list can log in via SSO with the permissions they've been granted. Note that the account UIN corresponds to the **Account ID** on the **Account Information** page in the **Account Center** console.