

Grafana Operation Guide Product Documentation





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Contents

Operation Guide

Instance

- Creating Instance
- Searching for Instance
- Terminating Instance
- Upgrading Instance
- **Rebooting Instance**
- Viewing Instance's Basic Information
- **Tencent Cloud Service Integration**
 - **Tencent Cloud Service Integration**
 - Service Role
- **Plugin Management**
 - Installing Plugin
 - Uninstalling Plugin
- Logging in to Grafana
- Notification Channel
- **Configuration Management**
- Image Rendering
- Account Management

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

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 (-!@# $%^{*}=_;:?$).
Тад	No	Tags can be configured to manage resources by category in different

dimensions. For more information, see Managing Instances via Tags.

1. Enter the TCMG purchase page and configure the following items as needed:



	monuny subscription						
Region	East China	Hong Kong/Ma	acao/Taiwan (China)	Asia Pacifi	c Europe and	I North America	Sout
	Shanghai						
	Tencent Cloud services in diffe	ent regions cannot cor	nmunicate with each other o	ver the private network.	We recommend you select a	region closest to your end u	users to mi
17	Sold out					Sold out	
AL	Shanghai Zone 1	Shanghai Zone 2	Shanghai Zone 3	Shanghai Zone 4	Shanghai Zone 5	Shanghai Zone 6	Shang
Network	Select a VPC		~	Please select	a VPC.		~
	If the existing VPC/subnet does	not meet your require	ment, you can go to the cons	ole to create a VPC	l		
Instance Inform	ation						
Instance Edition	Basic Editi Supports 20 us	on er accounts		Advanced Ed Supports 50 user a	ition ccounts	Pro Sup	DEdition
Instance Name (Up to 128 characters						
lleemame	admin						
Usemane							
Grafana Password ()							
Confirm Password							
Commit assivoru							
Domain Name Access	Enable						
Tag (optional)							
			+ Add				
	If the existing tag/tag value doe	s not meet your require	ement, you can create one	in the console.			
Auto-Renewal	 Auto-renew the device 	monthly upon evoir	ation if my account bas	ufficient balance			
Auto-Relie//dl	 Auto-renew the device 	monany apon expir	anon n'ny account rids s	unden balance			

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

Grafana

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 Manag	jed Service for Gr	afana 🔇 Shanghai	3 Other regions 10 ▼		Follo	w١
Create				Instar	nce Name: test 🛞 Separa	ite
Instance ID/Name	Status T	Network	Private Network	Configuration	Billing Mode	T
test-test carl Renew		Network:joklr-test Subnet: subnet-joklr-test-1		Basic Edition	Monthly subscription 📀 2022/12/09 18:52:13Expired	
test- <mark>tarldai Renew</mark>		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 matchbased 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 Deta	ils > 2 c	onfirm > (3) Notes	
You have selected this insta	ance:		
Instance ID/Name	Status	Network	Billing Mode
		Network:joklr-test Subnet: <mark>subnet-joklr-test-</mark> 1	Monthly subscription
	the instance will be retain	ned for seven days in the recycle bin.	
• Once terminated	, the instance will be retain		

Grafana

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 Deta	ails > 2	Confirm > 3 Notes	
You have selected this	instance:		
Instance ID/Name	Status	Network	Billi
billing-carl		Network:joklr-test Subnet:subnet-joklr-test-1	Mor subs
Please select a version	v9.1.5		
i • The instance	e 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					
Vpgrade Details	>	Confirm	> 3	Notes	
• The instance will b	e upgraded a	ind rebooted.			
		Previous	OK	Cancel	
		Tevious		Cancer	

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.

← grafana-3cn99d8z billing-carl	Basic Info	Follow WeChat Officia
Basic Info	Basic Info	
Tencent Cloud Service Integration	Instance Name billing-carl 💉	
Plugin	Instance ID	
Alert Channel	Status 😪 Running	
Configuration	Billing Mode Monthly subscription	
Image Rendering	Configuration Advanced Edition	
Account	Region Shanghai	
Management	Network/Subnet jokir	
Data Security	Access Address 🕦 🧃	
	Version v9.1.5	
	Tag - 🎤	
	Creation Time 2022/10/17 11:34:03	
	Network	
	Private Network Address	
	Public Network Address	
	Single Sign-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 In	tegration Inte	egration List	Service Role		
				Tencent Cloud S	ervice Integration
	Search for access	s mode by keyword			
	Category: All	Tencent Cloud S			
Cloud Log	Service	∂	Cloud Mc	onitor	Kong
Cloud Log	Service	Use Cloud monitoring	Cloud Mo Monitor Grafana data of Tencent C	Dnitor plugin to visualize the Cloud services	Connect to Tencent Manage

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.

СМ

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 .



Cloud monitoring Grafana plugin								
Data source confi	iguration							
Data source name *	example							
Authentication								
Authentication *	Use key 💌							
SecretID 🛈	Please enter SecretID							
SecretKey	Please enter SecretKey							

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 confi	guration
Data source name *	example
Authentication	
Authentication *	Use service roles 🔻
Service role	
save Car	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.



Topoont Cloud La	an Convice CL & plugin
Data source conf	iguration
Data source name *	example
SecretID 🛈 *	hh
	The length of this option cannot be less than 36
SecretKey *	····· 😢 Ø
Log service confi	iguration
Region 🛈 *	ap-beijing
Topicld (i) ★	topic
save Ca	ncel 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	1	type	describe	Label
integration-8gupcof2	ł	encent-cls-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.

Tencent Cloud	Service Integration	Follow WeChat Official Account 톎 Join Our Community 5
Tencent Cloud	Service Integration Integration List	Service Role
Service Role	Please select a service role	▼ Q
If the existing :	service role does not meet your requirement, you ca	o to the console to 🛛 Z . For more information on the required policy, see User Guide Z

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.



Tencent Cloud S	Service Integration			Follow WeChat Official Account 🔙	Join Our Community 💭
Tencent Cloud	Service Integration Integration List	Service Role			
Service Role	Please select a service role		- ¢		
If the existing se			For more information on the required policy, see User Guide	5	
	Found the following results				
	CM_QCSLinkedRoleInTMP				
	TKE_QCSLinkedRoleInPrometheusService				

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**.

Enter Role Entity Info > 2 Configure Role Policy > 3	Set Role Tag	>	(4)	Review		
lect Policies (748 Total)				1 selected		
		Q		Policy Name	Policy type	
Policy Name	Policy type ▼			ReadOnlyAccess	Dreset Delicy	
AdministratorAccess This policy allows you to manage all users under your account and their permissions, financia	Preset Policy	Â		This policy authorizes you with the read-only access to all cloud assets that support authenti	rieset roncy	
QCloudResourceFullAccess This policy allows you to manage all cloud assets in your account (Except all permissions to	Preset Policy		\Leftrightarrow			
ReadOnlyAccess This policy authorizes you with the read-only access to all cloud assets that support authenti	Preset Policy					
QCloudFinanceFullAccess This policy allows you to manage all financial items in your account, such as payment and bill	Preset Policy					
Ocloud&crossEor&SRoleIn&utomationTools						

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.

stalled:					
lect a Grafana plugin you want to install				Selected (1)	
		Q		ID	
– JU	Version			grafana-piechart-panel	
✔ grafana-piechart-panel	1.6.2	^			
grafana-clock-panel	1.2.0		\Leftrightarrow		
camptocamp-prometheus-alertmanager-datasource	1.0.0				
tencentcloud-monitor-app	2.7.6				
williamvenner-timepickerbuttons-panel	4.1.1	•			
pport for holding shift key down for multiple selection					
pport for holding shift key down for multiple selection					

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 **x** on the right, click **Uninstall** > **OK** in the popup window, and wait for the instance to be rebooted.

gratana-piechart-panel(1.6.2) ×		
	Are you sure you want to uninstall the	
lasta Castana aluain com	plugin?	
elect a Gratana plugin you wa	The uninstallation task will be submitted to the	
Filter by plugin ID	backend.	
ID	Uninstall Cancel	Version

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 Manag	ed Service for Gr	afana 🔇 Shangh	nai 3 Other regions 10 🔻	·	Fo	ollow WeChat Of
Create					Separat	e keywords with
Instance ID/Name	Status T	Network	Private Network	Configuration	Billing Mode	Tag (key:va
6		Network:joklr-test Subnet: subnet-joklr-test-1		Advanced Edition	Monthly subscription 🕑 2022/12/17 11:34:03Expired	
Renew		Network:joklr-test Subnet: subnet-joklr-test-1		Basic Edition	Monthly subscription 🥑 2022/12/09 18:52:13Expired	
Renew		Network:joklr-test Subnet: subnet-joklr-test-1		Basic Edition	Monthly subscription 2022/12/17 12:03:00Expired	
Total items: 3						10

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 Notificatio	on * Select Template Create 🗹					
	1 selected. 2 more can be selected					
	Notification Template Name	Included Operations				
	slack	User Notification: 1				
► Advanced S	iettings					
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	₽ A	lert 0	_						
Rule											
Name	Panel Title alert					Evalua	ate every	1m		For	5m ©
Conditions											
WHEN	avg ()	OF	query (A,	5m, now)	IS A	BOVE			ŵ		
Ð											
No data and e	error handling										
If no data or a	ll values are null	set	state to	No Data	1	•					
If execution e	rror or timeout	set	state to	Alerting		-					
Notifications											
Send to	+										
Message	Notification me	essage	e 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 WeCha	at 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	h	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 Configuration	LDAP Configuration	Environment Variable	
Environment Variab	le Edit Environment Variable Type	Value	×
	+ Add		
Save	The instance will be rebooted	d 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.

Share Panel	Link	Snapshot	Embed	Library panel	×
Create a direct link	to this dash	nboard or pan	el, customiz	ed with the options below.	
Lock time range Transforms the curren	t relative time	e range to an ab	solute time rar	nge	
Theme					
Current Dar	k Light				
Shorten URL					
Link URL		_			
https://grafana-40	cp5ziqf.graf	ana.tenc .nt-c	loud.com/d/	gbpEJ_p7k/new-dashboard-copy?orgId=1	(Сору
Oirect link rende	red image				

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:

Edit notification channel	
Name	
Туре	
webhook	
Url	
http://grafan `.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	
Send reminders Send additional notifications for triggered alerts	

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.

count Management		
Reset Password		
Server Admin Password 🛛 ****** 🎤		
SSO Settings		
Single Sign-on		
CAM Authentication 🛛 💮 Aft	er enabling this option, you can authorize a sub-account to	log in via SSO by using CAM tags, even if the sub-account is not in the account list.
Account List		
Create		
Account UIN	Role	Description

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.

Croate Accou	n t					~
Create Accou	inc.					~
Account UIN					*	
Role	Admin	Editor	Viewer]		
Description						
		Save	Cancel			

The account UIN here corresponds to the Account ID on the Account Information page in Account Center.

Tencent Cloud	Overview	Products -	Basic Cloud Monitor	Cloud Log Service	+
Account Center	Account Information				
Account			Basic Informati	on	
🔞 Security Settings			Account ID		
Project Management			APPID		

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.