

# **Custom Cloud Monitor**

## **Operation Guide**

### **Product Documentation**



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# Operation Guide

## Create Custom Monitoring Items

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- 1) Log in to Tencent Cloud Console, select "Cloud Monitor" -> "CCM", and click "Monitor Configuration" tab. Click "New Configuration" button on top of the page to enter the page where you can create custom namespace, dimension and metric.
- 2) Select region, enter custom namespace, dimension, metric, metric name and unit, and then click "OK" to complete the creation of CCM configuration items.

**Cloud Monitoring**

- Monitor Overview
- Instance Group
- Alarm Management
- Alarm List
- Alarm Configuration
- Trigger Condition Template
- Monitoring Platform
- Event Center
- Custom Monitoring
  - Monitoring Configuration

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### Metric Basic Configuration

Namespace virl

Dimension test

Metric

Monitoring Metrics	Metric Chinese Name	Unit	Operation
cpu	cpu	%	Delete
	Enter metric name	%	Delete

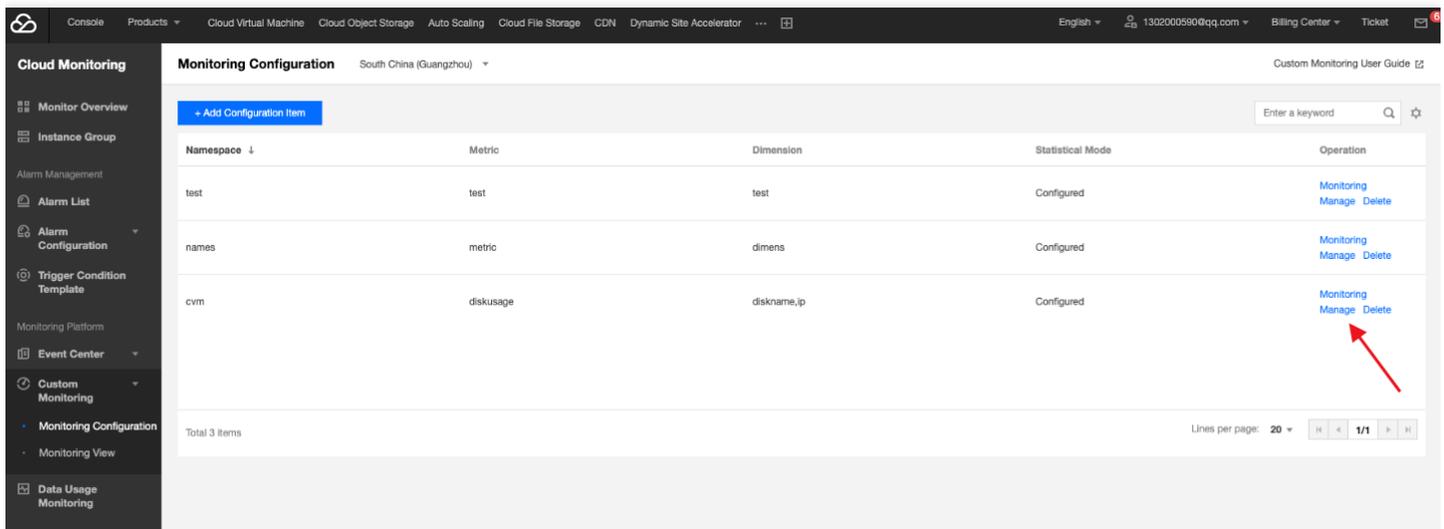
+ Add

OK Cancel

# Create Custom Monitoring Statistics

Last updated : 2020-01-16 14:30:04

1) Log in to Tencent Cloud Console, select "Cloud Monitor" -> "CCM", and click "Monitor Configuration" tab. In the page of monitor configuration list, click "Manage" button at the end of the line of a created metric to enter the metric configuration details page:



2) Original dimensions are the default dimensions added during creation. You can also choose dimension aggregation data for analysis. Click "Metric Configuration" button, and select statistical method and statistical period in the pop-up window. Here, we take calculating CPU utilization by taking the maximum value within 5 minutes as an example:

Note: Please properly configure the statistical type (including statistical method and statistical period) of the metric, otherwise the reported data may not be correctly recorded. Cloud Monitor Platform will calculate the data based on the statistical type of the metric and store the data. It will then display the data and trigger the alarm in the console.

Console Products SSL Certificate Service English Tencent\_test Billing Center Ticket

**Cloud Monitoring**

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- Data Usage Monitoring
- Cloud Product Monitoring
  - Cloud Virtual

Monitoring Metrics	Metric Chinese Name	Unit
cpu	cpu	%

**Metric Detailed Configuration**

You can configure the statistical mode and aggregation dimension in metric details. Data relevant to a metric can be normally reported only after a statistical mode is configured for the metric.

Original Dimension (test)

+ Add Aggregation Dimension

**Metric Statistical Mode**

Configure Metric

Metric	Statistical Method	Measurement Period	Operation
cpu (cpu, unit: %)	Max	5 minutes	Delete
cpu (cpu, unit: %)	Latest Value	5 minutes	Delete

This is general alarm management. To configure alarm rules and alarm receiver groups for a specific monitored object, access the monitored object details page.

Configure Alarms

# Report User Data

Last updated : 2019-11-29 18:53:40

Users need to log in to the CVM and configure the data reporting method. Data reporting requires you to report the metrics on Tencent CVM to Tencent Cloud Platform as specified. Example:

Report the CPU utilization of processes disk\_cleaner and daemon2 on machines 1.2.3.4 and 1.2.3.5.

GET method is used. The data encoded with urlencode is as follows:

```
Nonce=41718&Timestamp=1457429445&Region=gz&Namespace=proc_monitor&SecretId=AKIDlgRMo1j074b1l6nwReIvSk3s00ssGQ1C&Signature=s/aiEege8nx0Uh79rQ6WqzvEEMc=&Data=[{"dimensions":{"ip":"1.2.3.4","proc_name":"disk_cleaner"},"value":30,"metricName":"proc_cpu"},{"dimensions":{"ip":"1.2.3.5","proc_name":"daemon2"},"value":20,"metricName":"proc_cpu"}]
```

Note: For more information on how to generate Signature parameter, please see the data reporting steps in the API for Data Reporting

```
#curl http://receiver.monitor.tencentyun.com:8080/report.cgi?Nonce=41718
&Timestamp=1457429445
&Region=gz
&Namespace=proc_monitor
&SecretId=AKIDlgRMo1j074b1l6nwReIvSk3s00ssGQ1C
&Signature=s%2FaiEege8nx0Uh79rQ6WqzvEEMc%3D
&Data=[
{"dimensions":
{"ip":"1.2.3.4","proc_name":"disk_cleaner"},
"value":30,
"metricName":"proc_cpu"
},
{"dimensions":
{"ip":"1.2.3.5","proc_name":"daemon2"},
"value":20,
"metricName":"proc_cpu"
}
]
```

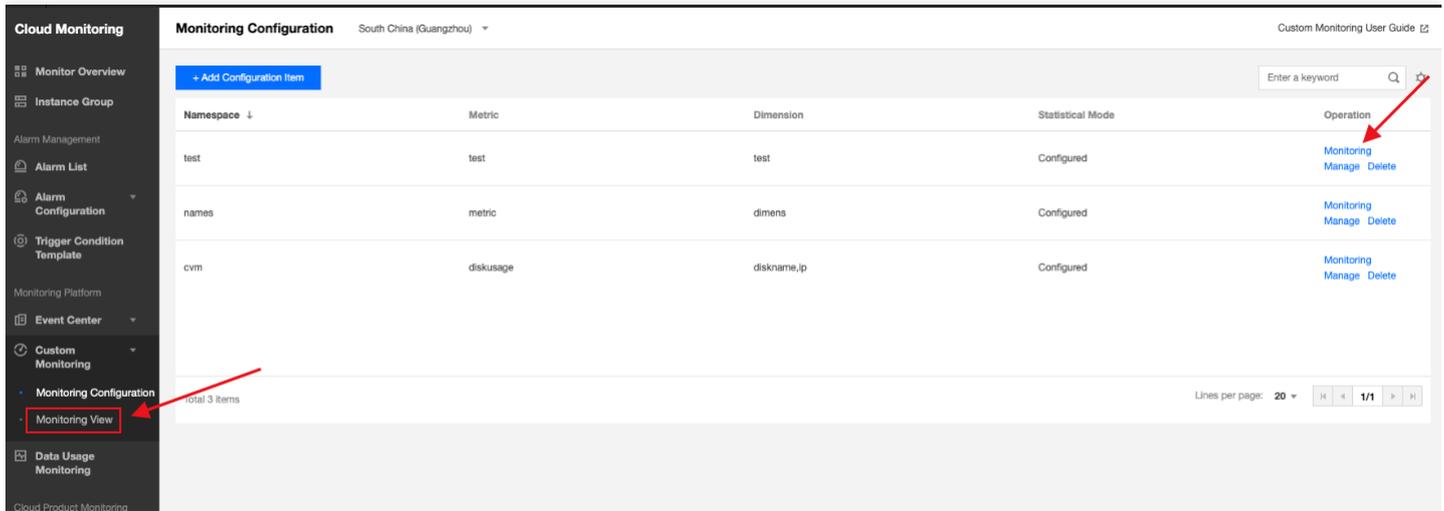
The following values will be returned:

```
# {"message": "OK", "code": 0}
```

# View Monitor Data

Last updated : 2020-01-16 14:30:45

Log in to Tencent Cloud Console, select "Cloud Monitor" -> "CCM", and click "Monitor View" tab. Select desired region, namespace and dimension to view the real-time data list.



The screenshot displays the 'Monitoring Configuration' page in the Tencent Cloud Console. The left sidebar shows the navigation menu with 'Monitoring View' highlighted. The main content area shows a table of monitoring configurations. The table has the following columns: Namespace, Metric, Dimension, Statistical Mode, and Operation. The 'Operation' column contains links for 'Monitoring', 'Manage', and 'Delete'. A red arrow points to the 'Monitoring View' tab in the sidebar, and another red arrow points to the 'Monitoring' link in the 'Operation' column of the first row.

Namespace ↓	Metric	Dimension	Statistical Mode	Operation
test	test	test	Configured	<a href="#">Monitoring</a> <a href="#">Manage</a> <a href="#">Delete</a>
names	metric	dimens	Configured	<a href="#">Monitoring</a> <a href="#">Manage</a> <a href="#">Delete</a>
cvm	diskusage	diskname,ip	Configured	<a href="#">Monitoring</a> <a href="#">Manage</a> <a href="#">Delete</a>

Alarm Configuration, View History Data and more features will be launched in CCM console soon.