Alibaba Cloud
Cloud Monitor

API Reference

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	**Danger:** Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	**Warning:** Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	**Note:** Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	**Note:** You can use **Ctrl** + **A** to select all files.
>	Multi-level menu cascade.	**Settings** > **Network** > **Set network type**
Bold	It is used for buttons, menus, page names, and other UI elements.	Click **OK**.
`Courier font`	It is used for commands.	Run the `cd /d C:/windows` command to enter the Windows system folder.
Italics	It is used for parameters and variables.	`bae log list --instanceid` *Instance_ID*
[] or [a|b]	It indicates that it is a optional value, and only one item can be selected.	`ipconfig` *[-all|-t]*
{} or {a|b}	It indicates that it is a required value, and only one item can be selected.	`swich` *{stand | slave}*

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1 API overview

This document summarizes all of the CloudMonitor's callable APIs. Please refer to the documentation for specific interface information.

API	Description
ListAlarmHistory	Query historical alarms.
NodeStatus	Query the agent running status on a specified instance.
CreateAlarm	Create alarm rules.
DeleteAlarm	Delete an existing alarm rule.
ListAlarm	Query specified or all alarm rule settings.
DisableAlarm	Disable an alarm rule.
ListContactGroup	Query the contact group associated with an alarm rule under an Alibaba Cloud account.
EnableAlarm	Enable an alarm rule.
NodeInstall	Call interfaces to install the CloudMonitor agent on a specified ECS instance.
NodeStatusList	Query the status of the CloudMonitor agent in batches.
QueryMetricLast	Query the latest monitoring data of a specified monitored object.
QueryMetricList	Query the monitoring data of a specified product instance during a period of time.
UpdateAlarm	Modify an existing alarm rule.

2 Call APIs

Request structure

CloudMonitor APIs belong to the RPC type. You can call CloudMonitor APIs by sending HTTP requests.

The request structure is as follows:

```
http://endpoint/?Action=xx&parameters
```

In this syntax,

- `Endpoint` is the cloud service node that is called. The access node is *metrics.aliyuncs.com*. For the endpoint of each region, see *Endpoint*.
- `Action` is an action to perform, such as querying the monitoring data for an instance using **`QueryMetricList`**.
- `Version` is the version of the API, and the current version is 2017-03-01.
- `Parameters` are the request parameters seperated by &

  Request parameters consist of common parameters and API specific parameters. Common parameters include the API version number, authentication information, and other information.

The following example shows how to call **`QueryMetricList`** to query the monitoring data of an instance.

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=QueryMetricList
&EndTime=2017-05-17+11%3A30%3A27
&StartTime=2017-05-17+11%3A20%3A27
&Period=60
&Dimensions=%7B%22instanceId%22%3A%22i-abcdefgh123456%22%7D
&Timestamp=2017-03-22T09%3A30%3A57Z
&Project=acs_ecs_dashboard
&Metric=cpu_idle
```

Endpoint

Region	Service address
East China 1 (Hangzhou)	metrics.cn-hangzhou.aliyuncs.com
China East 2 (Shanghai)	metrics.cn-shanghai.aliyuncs.com
North China 1 (Qingdao)	metrics.cn-qingdao.aliyuncs.com
China North 2 (Beijing)	metrics.cn-beijing.aliyuncs.com
China South 1 (Shenzhen)	metrics.cn-shenzhen.aliyuncs.com

Region	Service address
China North 3 (Zhangjiakou)	metrics.cn-zhangjiakou.aliyuncs.com
China (Hong Kong)	metrics.cn-hongkong.aliyuncs.com
Singapore	metrics.ap-southeast-1.aliyuncs.com
US (Silicon Valley)	metrics.us-west-1.aliyuncs.com
US (Virginia)	metrics.us-east-1.aliyuncs.com
Central Europe 1 (Frankfurt)	metrics.eu-central-1.aliyuncs.com
Australia (Sydney)	metrics.ap-southeast-2.aliyuncs.com
Middle East 1 (Dubai)	metrics.me-east-1.aliyuncs.com
Asia Pacific NE 1 (Tokyo)	metrics.cn-hangzhou.aliyuncs.com
Malaysia (Kuala Lumpur)	metrics.ap-southeast-3.aliyuncs.com
China (Hohhot)	metrics.cn-huhehaote.aliyuncs.com
Asia Pacific SE 5 (Jakarta)	metrics.ap-southeast-5.aliyuncs.com

Note:

When you call the APIs at Asia Pacific NE 1 (Japan), the actual API server in service is East China 1 (Hangzhou).

API authorization

For the security of your account, we recommend that you use a RAM user to call APIs. Before using a RAM user to call an API, you must grant the RAM user the corresponding permission to call the API by creating an authorization policy and attaching the policy to the RAM user.

API signature

To ensure secure calls to the API, when the API is invoked, Ali cloud authenticates each API request through the signature. When you manually launch an API request, follow the definition of *RFC 2104*, use AccessSecret to evaluate the HMAC values as signatures for the encoded, sorted entire request string. For more information, see*RPC API signature*.

When calling RPC API, you need to add the signature to your request using the following format:

```
https://endpoint/?SignatureVersion=1.0&SignatureMethod=HMAC-SHA1&
Signature=CT9X0VtwR86fNWSnsc6v8YGOjuE%3D&SignatureNonce=3ee8c1b8-83d3-
44af-a94f-4e0ad82fd6cf
```

Take **`QueryMetricList`** as an example, assume that the Accesskey ID is `testid`, AccessKey Secret is `testsecret`, The request URL before signature:

```
http://metrics.aliyuncs.com/?Action=QueryMetricList&period=60&
StartTime=2016-03-22T11:30:27Z&Dimensions={instanceId:'i-abcdefgh12
3456'}&Timestamp=2017-03-23T06:59:55Z&Project=acs_ecs_dashboard&
SignatureVersion=1.0&Format=JSON&SignatureNonce=aeb03861-611f-43c6
-9c07-b752fad3dc06&Version=2015-10-20&AccessKeyId=TestId&Metric=
cpu_idle&SignatureMethod=HMAC-SHA1
```

The StringToSign:

```
GET&%2F&AccessKeyId%3DTestId&Action%3DQueryMetricList&Dimensions%3D
%257B%2522instanceId%2522%253A%2522i-abcdefgh123456%2522%257D&Format
%3DJSON&Metric%3Dcpu_idle&Period%3D60&Project%3Dacs_ecs_dashboard&
SignatureMethod%3DHMAC-SHA1&SignatureNonce%3Daeb03861-611f-43c6-9c07-
b752fad3dc06&SignatureVersion%3D1.0&StartTime%3D2016-03-22T11%253A30%
253A27Z&Timestamp%3D2017-03-23T06%253A59%253A55Z&Version%3D2015-10-20
```

Because AccessKey Secret is `testsecret`, and the key used for HMAC calculation is `testsecret&`, the signature value is

```
TLj49H/wqBWGJ7RK0r84SN5IDfM=
```

Add signature to URL request as a Signature parameter to get the final URL:

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=QueryMetricList&
StartTime=2016-03-22T11%3A30%3A27Z&Period=60&Dimensions=%7B%22instance
Id%22%3A%22i-abcdefgh123456%22%7D&Timestamp=2017-03-23T06%3A59%
3A55Z&Project=acs_ecs_dashboard&SignatureVersion=1.0&Format=JSON&
SignatureNonce=aeb03861-611f-43c6-9c07-b752fad3dc06&Version=2015-
10-20&AccessKeyId=TestId&Metric=cpu_idle&SignatureMethod=HMAC-SHA1&
Signature=TLj49H%2FwqBWGJ7RK0r84SN5IDfM%3D
```

3 Preset metric item reference

Note

- **Sum** is the sum of values obtained in a statistical period. Take ECS Internet traffic measurement as an example. The unit is KB/min and the statistical period is 5 minutes. Then the returned result is the total traffic in 5 minutes.
- OpenAPI supports the query of metric data from the last 31 days.
- The Dimensions for each parameter is a JSON string, for example, `{"instanceId":"i-23gyb3kkd"}`.

ECS metric reference

- Basic metrics
  - No agent is required for obtaining and querying ECS basic metric data.
  - The **Project** is named `acs_ecs_dashboard`, the sampling period is 60s, and the Period value is 60 or an integer multiple of 60.
  - The **instanceId** value for **Dimensions** is the instanceId of the ECS instance.

Metric	Description	Unit	Dimensions	Statistics
CPUUtilization	CPU usage	Percent	instanceId	Average, Minimum, and Maximum
InternetInRate	Inbound public network bandwidth	bits/s	instanceId	Average, Minimum, and Maximum
IntranetInRate	Inbound private network bandwidth	bits/s	instanceId	Average, Minimum, and Maximum
InternetOutRate	Outbound public network bandwidth	bits/s	instanceId	Average, Minimum, and Maximum
IntranetOutRate	Outbound private network bandwidth	bits/s	instanceId	Average, Minimum, and Maximum
InternetOutRate_Percent	Outbound public network bandwidth usage	%	instanceId	Average

Metric	Description	Unit	Dimensions	Statistics
DiskReadBPS	Total system disk read BPS	Bps	instanceId	Average, Minimum, and Maximum
DiskWriteBPS	Total system disk write BPS	Bps	instanceId	Average, Minimum, and Maximum
DiskReadIOPS	System disk read IOPS	Count/Second	instanceId	Average, Minimum, and Maximum
DiskWriteIOPS	System disk write IOPS	Count/Second	instanceId	Average, Minimum, and Maximum
VPC_PublicIP_InternetInRate	VPC - Inbound public network bandwidth	bits/s	instanceId	Average, Minimum, and Maximum
VPC_PublicIP_InternetOutRate	VPC - Outbound public network bandwidth	bits/s	instanceId	Average, Minimum, and Maximum
VPC_PublicIP_InternetOutRate_Percent	VPC - Outbound public network bandwidth usage	%	instanceId	Average

- Operating system metrics

  The minimum **`period`** is 15 seconds.

Metric	Description	Unit	Dimensions	Statistics
cpu_idle	Host.cpu.idle, percentage of CPU in the idle state	%	instanceId	Average, Minimum, and Maximum
cpu_system	Host.cpu.system, CPU usage of the current kernel space	%	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
cpu_user	Host.cpu.user, CPU usage of the current user space	%	instanceId	Average, Minimum, and Maximum
cpu_wait	Host.cpu.iowait, percentage of CPU waiting for I/O operation	%	instanceId	Average, Minimum, and Maximum
cpu_other	Host.cpu.other, CPU usage of other items. Other types of CPU consumption are calculated using the formula Nice + SoftIrq + Irq + Stolen.	%	instanceId	Average, Minimum, and Maximum
cpu_total	Host.cpu.total, current total CPU usage	%	instanceId	Average, Minimum, and Maximum
memory_totalspace	Host.mem.total, total memory	bytes	instanceId	Average, Minimum, and Maximum
memory_usedspace	Host.mem.used, memory in use. The calculation formula is as follows: Memory occupied by user programs + Buffers + Cached. Buffers indicates the memory occupied by the buffer, and Cached indicates the memory occupied by the cache.	bytes	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
memory_actualusedspace	Host.mem.actualused, memory occupied by the user. The calculation formula is as follows: Used – Buffers – Cached.	bytes	instanceId	Average, Minimum, and Maximum
memory_freespace	Host.mem.free, available memory	bytes	instanceId	Average, Minimum, and Maximum
memory_freeutilization	Host.mem.freeutilization, percentage of available memory	%	instanceId	Average, Minimum, and Maximum
memory_usedutilization	Host.mem.usedutilization, memory usage	%	instanceId	Average, Minimum, and Maximum
load_1m	Host.load1, average system load during the past minute. This metric is not available in Windows.	N/A	instanceId	Average, Minimum, and Maximum
load_5m	Host.load5, average system load during the past 5 minutes. This metric is not available in Windows.	N/A	instanceId	Average, Minimum, and Maximum
load_15m	Host.load15, average system load during the past 15 minutes	N/A	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
	. This metric is not available in Windows.			
diskusage_used	Host.diskusage. used, disk space in use	bytes	instanceId, device	Average, Minimum, and Maximum
diskusage_ utilization	Host.disk. utilization, disk usage	%	instanceId, device	Average, Minimum, and Maximum
diskusage_free	Host.diskusage .free, available disk space	bytes/s	instanceId, device	Average, Minimum, and Maximum
diskusage_total	Host.diskussage .total, total disk storage	bytes	instanceId, device	Average, Minimum, and Maximum
disk_readbytes	Host.disk. readbytes, number of bytes read from the disk per second	bytes/s	instanceId, device	Average, Minimum, and Maximum
disk_writebytes	Host.disk. writebytes, number of bytes written to the disk per second	bytes/s	instanceId, device	Average, Minimum, and Maximum
disk_readiops	Host.disk. readiops, number of read requests sent to the disk per second	Requests/s	instanceId, device	Average, Minimum, and Maximum
disk_writeiops	Host.disk. writeiops, number of write requests sent to the disk per second	Requests/s	instanceId, device	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
fs_inodeutilization	Host.fs.inode, inode usage	%	instanceId, device	Average, Minimum, and Maximum
networkin_rate	Host.netin.rate, number of bits received by the network adapter per second, that is, the uplink bandwidth of the network adapter	bits/s	instanceId, device	Average, Minimum, and Maximum
networkout_rate	Host.netout.rate, number of bits sent by the network adapter per second, that is, the downlink bandwidth of the network adapter	bits/s	instanceId, device	Average, Minimum, and Maximum
networkin_packages	Host.netin.packages, number of packets received by the network adapter per second	Packets/s	instanceId, device	Average, Minimum, and Maximum
networkout_packages	Host.netout.packages, number of packets sent by the network adapter per second	Packets/s	instanceId, device	Average, Minimum, and Maximum
networkin_errorpackages	Host.netin.errorpackage, number of incoming error packets detected by the drive	Packets/s	instanceId, device	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
networkout_errorpackages	Host.netout.errorpackages, number of outgoing error packets detected by the drive	Packets/s	instanceId, device	Average, Minimum, and Maximum
net_tcpconnection	Host.tcpconnection, number of TCP connections in various states, including LISTEN, SYN_SENT, ESTABLISHED, SYN_RECV, FIN_WAIT1, CLOSE_WAIT, FIN_WAIT2, LAST_ACK, TIME_WAIT, CLOSING, and CLOSED	Requests	instanceId, state	Average, Minimum, and Maximum

ApsaraDB for RDS metric reference

- The **`Project`** is named `acs_rds_dashboard`, the default sampling period is 300s, and the **`Period`** value is 300 or an integer multiple of 300.
- The minimum sampling period is 60s if 1-minute monitoring frequency is enabled on the RDS Console.
- The **`instanceId`** value for **`Dimensions`** is the instanceId of the RDS instance.

Metric	Description	Unit	Dimensions	Statistics
CpuUsage	CPU usage	Percent	instanceId, type=CpuUsage	Average, Minimum, and Maximum
DiskUsage	Disk usage	Percent	instanceId, type=DiskUsage	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
IOPSUsage	IOPS usage	Percent	instanceId, type= IOPSUsage	Average, Minimum, and Maximum
ConnectionUsage	Connection usage	Percent	instanceId, type= ConnectionUsage	Average, Minimum, and Maximum
DataDelay	Read-only instance latency	Seconds	instanceId, type= DataDelay	Average, Minimum, and Maximum
MemoryUsage	Memory usage	Percent	instanceId, type= MemoryUsage	Average, Minimum, and Maximum
MySQL_NetworkInNew	MysqlInbound network traffic per second	bits/s	instanceId	Average, Minimum, and Maximum
MySQL_NetworkOutNew	MysqlOutbound network traffic per second	bits/s	instanceId	Average, Minimum, and Maximum
SQLServer_NetworkInNew	SQLServer - inbound network traffic per second	bits/s	instanceId	Average, Minimum, and Maximum
SQLServer_NetworkOutNew	SQLServer - outbound network traffic per second	bits/s	instanceId	Average, Minimum, and Maximum

Server Load Balancer metric reference

- The **`Project`** is named `acs_slb_dashboard`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
- The **`instanceId`** value for **`Dimensions`** is the instanceId of the Server Load Balancer instance.
- The **`port`** value for **`Dimensions`** is the Server Load Balancer instance port number.
- The **`vip`** value for **`Dimensions`** is the Server Load Balancer instance service address.
- Layer-4 protocol metrics

Metric	Description	Unit	Dimensions	Statistics
HeathyServerCount	Number of healthy backend ECS instances	Count	instanceId	Average, Minimum, and Maximum
UnhealthyServerCount	Number of faulty backend ECS instances	Count	instanceId	Average, Minimum, and Maximum
PacketTX	Number of outgoing packets per second on the port	Count/Second	instanceId, port, vip|	Average, Minimum, and Maximum
PacketRX	Number of incoming packets per second on the port	Count/Second	instanceId, port, vip|	Average, Minimum, and Maximum
TrafficRXNew	Inbound data volume per second on the port	bits/s	instanceId, port, vip|	Average, Minimum, and Maximum
TrafficTXNew	Outbound data volume per second on the port	bits/s	instanceId, port, vip|	Average, Minimum, and Maximum
ActiveConnection	Number of active connections on the port, that is, the number of connections that clients set up to access Server Load Balancer	Count	instanceId, port, vip|	Average, Minimum, and Maximum
InactiveConnection	Number of inactive connections on the port, that is, the number of connections that are idle after	Count	instanceId, port, vip|	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
	access to Server Load Balancer			
NewConnection	Current number of new connections on the port	Count	instanceId, port, vip|	Average, Minimum, and Maximum
MaxConnection	Number of concurrent connections on the port	Count	instanceId, port, vip|	Average, Minimum, and Maximum
DropConnection	Number of dropped connections per second during monitoring	Count/Second	instanceId, port, vip|	Average, Minimum, and Maximum
DropPacketRX	Number of dropped incoming packets per second during monitoring	Count/Second	instanceId, port, vip|	Average, Minimum, and Maximum
DropPacketTX	Number of dropped outgoing packets per second during monitoring	Count/Second	instanceId, port, vip|	Average, Minimum, and Maximum
DropTrafficRX	Number of dropped incoming bits per second during monitoring	bits/s	instanceId, port, vip|	Average, Minimum, and Maximum
DropTrafficTX	Number of dropped outgoing bits per second during monitoring	bits/s	instanceId, port, vip|	Average, Minimum, and Maximum
InstanceActiveConnection	Number of active connections per	Count/Second	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
	second on the instance			
InstanceDropConnection	Number of dropped connections per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstanceDropPacketRX	Number of dropped incoming packets per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstanceDropPacketTX	Number of dropped outgoing packets per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstanceDropTrafficRX	Number of dropped incoming bits per second on the instance	bits/s	instanceId	Average, Minimum, and Maximum
InstanceDropTrafficTX	Number of dropped outgoing bits per second on the instance	bits/s	instanceId	Average, Minimum, and Maximum
InstanceInactiveConnection	Number of inactive connections per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstanceMaxConnection	Maximum number of concurrent connections per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
InstanceNewConnection	Number of new connections per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstancePacketRX	Number of incoming packets per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstancePacketTX	Number of outgoing packets per second on the instance	Count/Second	instanceId	Average, Minimum, and Maximum
InstanceTrafficRX	Number of incoming bits per second on the instance	bits/s	instanceId	Average, Minimum, and Maximum
InstanceTrafficTX	Number of outgoing bits per second on the instance	bits/s	instanceId	Average, Minimum, and Maximum

- Layer-7 protocol metrics

Metric	Description	Unit	Dimensions	Statistics
Qps	Layer-7 protocol port QPS	Count/Second	instanceId, port, vip	Average
Rt	Layer-7 protocol port RT	ms	instanceId, port, vip	Average
StatusCode2xx	Layer-7 protocol port status code 2XX	Count/Second	instanceId, port, vip	Average
StatusCode3xx	Layer-7 protocol port status code 3XX	Count/Second	instanceId, port, vip	Average
StatusCode4xx	Layer-7 protocol port status code 4XX	Count/Second	instanceId, port, vip	Average

Metric	Description	Unit	Dimensions	Statistics
StatusCode5xx	Layer-7 protocol port status code 5XX	Count/Second	instanceId, port, vip	Average
StatusCodeOther	Layer-7 protocol port status code others	Count/Second	instanceId, port, vip	Average
UpstreamCode4xx	Layer-7 protocol port Upstream status code 4xx	Count/Second	instanceId, port, vip	Average
UpstreamCode5xx	Layer-7 protocol port Upstream status code 5xx	Count/Second	instanceId, port, vip	Average
UpstreamRt	Layer-7 protocol port UpstreamRT	ms	instanceId, port, vip	Average
InstanceQps	Layer-7 protocol instance QPS	Count/Second	instanceId	Average
InstanceRt	Layer-7 protocol instance RT	ms	instanceId	Average
InstanceStatusCode2xx	Layer-7 protocol instance status code 2XX	Count/Second	instanceId	Average
InstanceStatusCode3xx	Layer-7 protocol instance status code 3XX	Count/Second	instanceId	Average
InstanceStatusCode4xx	Layer-7 protocol instance status code 4XX	Count/Second	instanceId	Average
InstanceStatusCode5xx	Layer-7 protocol instance status code 5XX	Count/Second	instanceId	Average
InstanceStatusCodeOther	Layer-7 protocol instance status code Other	Count/Second	instanceId	Average
InstanceUpstreamCode4xx	Layer-7 protocol instance	Count/Second	instanceId	Average

Metric	Description	Unit	Dimensions	Statistics
	Upstream status code 4XX			
InstanceUpstreamCode5xx	Layer-7 protocol instance Upstream status code 5XX	Count/Second	instanceId	Average
InstanceUpstreamRt	Layer-7 protocol instance UpstreamRT	ms	instanceId	Average

OSS metric reference

See *OSS metric reference*.

ApsaraDB for Memcache metric reference

- New version
  - The **`Project`** is named `acs_memcache`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
  - The **`instanceId`** value for **`Dimensions`** is the instanceId of the Memcache instance.

Metric	Description	Unit	Dimensions	Statistics
Connection Usage	Connection usage	Requests	instanceId	Average, Minimum, and Maximum
UsedConnection	Number of used connections	Count	instanceId	Average, Minimum, and Maximum
CpuUsage	CPU usage	Percent	instanceId	Average, Minimum, and Maximum
FailedCount	Number of operation failures	Count/Second	instanceId	Average, Minimum, and Maximum
IntranetIn	Write network bandwidth	Bytes/s	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
IntranetInRatio	Write bandwidth usage	Percent	instanceId	Average, Minimum, and Maximum
IntranetOut	Read network bandwidth	Bytes/s	instanceId	Average, Minimum, and Maximum
IntranetOutRatio	Read bandwidth usage	Percent	instanceId	Average, Minimum, and Maximum
MemoryUsage	Memory usage	Percent	instanceId	Average, Minimum, and Maximum
UsedMemory	Used memory	Bytes	instanceId	Average, Minimum, and Maximum

- Old version
  - The **`Project`** is named `acs_ocs`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
  - The **`instanceId`** value for **`Dimensions`** is the instanceId of the ApsaraDB for Memcache instance.

Metric	Description	Unit	Dimensions	Statistics
Evict	Amount of data evicted from the cache per second	Count/Second	instanceId	Average, Minimum, and Maximum
HitRate	Cache hit rate	Percent	instanceId	Average, Minimum, and Maximum
IntranetIn	Cache input bandwidth	Bytes/s	instanceId	Average, Minimum, and Maximum
intranet_out	Cache output bandwidth	Bytes	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
ItemCount	Number of cache data items	Count	instanceId	Average, Minimum, and Maximum
UsedMemCache	Used cache	Bytes	instanceId	Average, Minimum, and Maximum
UsedQps	Used QPS	Count	instanceId	Average, Minimum, and Maximum

EIP metric reference

- The **`Project`** is named `acs_vpc_eip`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
- The **`instanceId`** value for **`Dimensions`** is the instanceId of the EIP instance.
- The **`ip`** value for **`Dimensions`** is the IP address of the EIP instance.

Metric	Description	Unit	Dimensions	Statistics
net_tx.rate	Outbound bandwidth	bits/s	instanceId	Value
net_rx.rate	Inbound bandwidth	bits/s	instanceId	Value
net_txPkgs.rate	Number of outgoing packets per second	Count/s	instanceId	Value
net_rxPkgs.rate	Number of incoming packets per second	Count/s	instanceId	Value
out_rateli mit_drop_speed	Speed-limit packet loss rate	pps	instanceId	Average

ApsaraDB for Redis metric reference

- The **`Project`** is named `acs_kvstore`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
- The **`instanceId`** value for **`Dimensions`** is the instanceId of the Redis instance.

Metric	Description	Unit	Dimensions	Statistics
MemoryUsage	Percentage of memory in use	Percent	instanceId	Average, Minimum, and Maximum
ConnectionUsage	Percentage of connections in use	Percent	instanceId	Average, Minimum, and Maximum
IntranetInRatio	Percentage of bandwidth consumed during write operations	Percent	instanceId	Average, Minimum, and Maximum
IntranetOutRatio	Percentage of bandwidth consumed during read operations	Percent	instanceId	Average, Minimum, and Maximum
IntranetIn	Write speed	bits/s	instanceId	Average, Minimum, and Maximum
IntranetOut	Read speed	bits/s	instanceId	Average, Minimum, and Maximum
FailedCount	Number of failed operations on KVSTORE	Count/Second	instanceId	Average, Minimum, and Maximum
CpuUsage	CPU usage	Percent	instanceId	Average, Minimum, and Maximum
UsedMemory	Memory in use	Bytes	instanceId	Average, Minimum, and Maximum
UsedConnection	Number of used connections	Count	instanceId	Average, Minimum, and Maximum
UsedQPS	Number of used QPSs	Count/Second	instanceId	Average, Minimum, and Maximum

Message Service metric reference

- The **Project** is named acs_mns_new, the sampling period is 300s, and the **Period** value is 300 or an integer multiple of 300.
- The **region** value for **Dimensions** is the region where the queue is located.
- The **queue** value for **Dimensions** is the name of the queue.

Metric	Description	Unit	Dimensions	Statistics
ActiveMessages	Number of active messages	Count	region,queue	Average, Minimum, and Maximum
InactiveMessages	Number of inactive messages	Count	region,queue	Average, Minimum, and Maximum
DelayMessages	Number of delayed messages	Count	region,queue	Average, Minimum, and Maximum

CDN metric reference

- The **Project** is named acs_cdn, the sampling period is 60s, and the Period value is 60 or an integer multiple of 60.
- The **instanceId** value for **Dimensions** is the instanceId of the CDN instance.

Metric	Description	Unit	Dimensions	Statistics
QPS	Queries per second, that is , total access requests in a specific time interval/Time interval	Count	instanceId	Average, Minimum, and Maximum
BPS	Peak bandwidth, that is, maximum network traffic per unit time	bits/s	instanceId	Average, Minimum, and Maximum
hitRate	Bytes hit rate , that is, the probability that request bytes	Percent	instanceId	Average, Minimum, and Maximum

Metric	Description	Unit	Dimensions	Statistics
	hit the cache in a specific time interval			
code4xx	Percentage of HTTP Return Code 4xx in a specific time interval	Percent	instanceId	Average, Minimum, and Maximum
code5xx	Percentage of HTTP Return Code 5xx in a specific time interval	Percent	instanceId	Average, Minimum, and Maximum
InternetOut	Downstream traffic	Bytes	instanceId	Average, Minimum, and Maximum

Analytic DB metric reference

- The **`Project`** is named `acs_ads`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
-

Metric	Description	Unit	Dimensions	Statistics
ads.diskSize	Rated disk capacity	MB	instanceId, tableSchema, workerId	Average, Minimum, and Maximum
ads.diskUsed	Used disk capacity	MB	instanceId, tableSchema, workerId	Average, Minimum, and Maximum
ads.diskUsedPercent	Disk usage	Percent	instanceId, tableSchema, workerId	Average, Minimum, and Maximum

ApsaraDB for MongoDB metric reference

- The **`Project`** is named `acs_mongodb`, the sampling period is 300s, and the **`Period`** value is 300 or an integer multiple of 300.
- The **`role`** value for **`Dimensions`** is `Primary` or `Secondary`, which indicates the primary or secondary instance.

Metric	Metric name	Description	Unit	Dimensions	Statistics
CPUUtilization	CPU usage	CPU usage of the instance	%	userId, instanceId, role	Average, Minimum, and Maximum
MemoryUtilization	Memory usage	Memory usage of the instance	%	userId, instanceId, role	Average, Minimum, and Maximum
DiskUtilization	Disk usage	Disk usage of the instance	%	userId, instanceId, role	Average, Minimum, and Maximum
IOPSUtilization	IOPS usage	IOPS usage of the instance	%	userId, instanceId, role	Average, Minimum, and Maximum
Connection Utilization	Connection usage	Percentage of connections in use	%	userId, instanceId, role	Average, Minimum, and Maximum
QPS	Average SQL queries per second	Average number of SQL queries per second on the MongoDB instance	Queries	userId, instanceId, role	Average, Minimum, and Maximum
Connection Amount	Connections in use	Current number of connections that applications have established with the MongoDB instance	Connections	userId, instanceId, role	Average, Minimum, and Maximum
InstanceDiskAmount	Disk space used by instance	Disk space used by instance	Bytes	userId, instanceId, role	Average, Minimum, and Maximum
DataDiskAmount	Disk space used by data	Disk space used by data	Bytes	userId, instanceId, role	Average, Minimum, and Maximum

Metric	Metric name	Description	Unit	Dimensions	Statistics
LogDiskAmount	Disk space used by logs	Disk space used by logs	Bytes	userId, instanceId, role	Average, Minimum, and Maximum
IntranetIn	Inbound network traffic	Inbound network traffic of the instance	Bytes	userId, instanceId, role	Average, Minimum, and Maximum
IntranetOut	Outbound network traffic	Outbound network traffic of the instance	Bytes	userId, instanceId, role	Average, Minimum, and Maximum
NumberRequests	Request count	Total number of requests sent to the server	Requests	userId, instanceId, role	Average, Minimum, and Maximum
OpInsert	Insert operation count	Total number of insert commands received since the last time MongoDB was started	Times	userId, instanceId, role	Average, Minimum, and Maximum
OpQuery	Query operation count	Total number of query commands received since the last time MongoDB was started	Times	userId, instanceId, role	Average, Minimum, and Maximum
OpUpdate	Update operation count	Total number of update commands received since the last time MongoDB was started	Times	userId, instanceId, role	Average, Minimum, and Maximum
OpDelete	Delete operation count	Total number of delete commands executed since the	Times	userId, instanceId, role	Average, Minimum, and Maximum

Metric	Metric name	Description	Unit	Dimensions	Statistics
		last time MongoDB was started			
OpGetmore	Getmore operation count	Total number of getmore commands executed since the last time MongoDB was started	Times	userId, instanceId, role	Average, Minimum, and Maximum
OpCommand	Command operation count	Total number of commands sent to the database since the last time MongoDB was started	Times	userId, instanceId, role	Average, Minimum, and Maximum

Express Connect metric reference

- The **`Project`** is named `acs_express_connect`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
- The **`instanceId`** value for **`Dimensions`** is the interface ID of the Express Connect router.

Metric	Metric name	Unit	Dimensions
IntranetRX	Inbound network traffic	Bytes	instanceId
IntranetTX	Outbound network traffic	Bytes	instanceId
ReceiveBandwidth	Inbound network bandwidth	bit/s	instanceId
TransportedBandwidth	Outbound network bandwidth	bit/s	instanceId
RouterInterfaceResponseTime	Latency	ms	instanceId
RouterInterfaceLossRate	Packet loss rate	%	instanceId

Function Compute metric reference

- The **`Project`** is named `acs_fc,` the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.
- East China 2: region=cn-shanghai

Metric	Unit	Dimensions
FunctionAvgDuration	ms	region, serviceName, functionName
FunctionBillableInvocations	Count	region, serviceName, functionName
FunctionBillableInvocationsRate	Percent	region, serviceName, functionName
FunctionClientErrors	Count	region, serviceName, functionName
FunctionClientErrorsRate	Percent	region, serviceName, functionName
FunctionServerErrors	Count	region, serviceName, functionName
FunctionServerErrorsRate	Percent	region, serviceName, functionName
FunctionThrottles	Count	region, serviceName, functionName
FunctionThrottlesRate	Percent	region, serviceName, functionName
FunctionTotalInvocations	Count	region, serviceName, functionName
RegionBillableInvocations	Count	region
RegionBillableInvocationsRate	Percent	region
RegionClientErrors	Count	region
RegionClientErrorsRate	Percent	region
RegionServerErrors	Count	region
RegionServerErrorsRate	Percent	region
RegionThrottles	Count	region
RegionThrottlesRate	Percent	region

Metric	Unit	Dimensions
RegionTotalInvocations	Count	region
ServiceBillableInvocations	Count	region, serviceName
ServiceBillableInvocationsRate	Percent	region, serviceName
ServiceClientErrors	Count	region, serviceName
ServiceClientErrorsRate	Percent	region, serviceName
ServiceServerErrors	Count	region, serviceName
ServiceServerErrorsRate	Percent	region, serviceName
ServiceThrottles	Count	region, serviceName
ServiceThrottlesRate	Percent	region, serviceName
ServiceTotalInvocations	Count	region, serviceName

NAT Gateway metric reference

- The **`Project`** is named `acs_nat_gateway`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.

Metric	Metric name	Unit	Dimensions	Remarks
SnatConnection	SNAT connections	Count/Min	instanceId	The instanceId indicates the instance ID of the NAT gateway.
net_rx.rate	Inbound network bandwidth	bits/s	instanceId	The instanceId indicates the bandwidth package ID.
net_tx.rate	Outbound network bandwidth	bits/s	instanceId	The instanceId indicates the bandwidth package ID.
net_rx.Pkgs	Inbound network packages	packages/s	instanceId	The instanceId indicates the bandwidth package ID.
net_tx.Pkgs	Outbound network packages	packages/s	instanceId	The instanceId indicates the

Metric	Metric name	Unit	Dimensions	Remarks
				bandwidth package ID.
net_tx.ratePercent	Outbound network bandwidth usage	%	instanceId	The instanceId indicates the bandwidth package ID.

Log Service metric reference

- The **`Project`** is named `acs_sls_dashboard`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.

Metric	Metric name	Unit	Dimensions
LogInflow	Write traffic	Bytes	project, logstore
NetFlow	Raw data size	Bytes	project, logstore
SumQPS	Total QPS	Count	project, logstore
LogMethodQPS	Operation times	Count	project, logstore
LogCodeQPS	Service status	Count	project, logstore
SuccessdByte	Traffic successfully parsed by client	Bytes	project, logstore
SuccessdLines	Lines successfully parsed by client	Lines	project, logstore
FailedLines	Lines unsuccessfully parsed by client	Lines	project, logstore
AlarmPV	Client error count	Count	project, logstore
AlarmUV	Client error machine count	Count	project, logstore
AlarmIPCount	Error IP statistics	Count	project, logstore
InflowLine	Write lines	Lines	project, logstore
LogOutflow	Read traffic	Bytes	project, logstore
ConsumerGroupFallBehind	Consumer falling behind duration	Second	project, logstore

Container Service metric reference

- The **Project** is named acs_containerservice_dashboard, the sampling period is 60s, and the **Period** value is 60 or an integer multiple of 60.

Metric	Metric name	Unit	Dimensions
CpuUtilization	CPU usage	%	clusterId, serviceId, instanceId
InternetInRate	Inbound network bandwidth	Bytes/s	clusterId, serviceId, instanceId
InternetOutRate	Outbound network bandwidth	Bytes/s	clusterId, serviceId, instanceId
MemoryAmount	Memory amount	Bytes	clusterId, serviceId, instanceId
MemoryUtilization	Memory usage	%	clusterId, serviceId, instanceId
IOReadRate	Disk IO read rate	Bytes/s	clusterId, serviceId, instanceId
IOWriteRate	Disk IO write rate	Bytes/s	clusterId, serviceId, instanceId
GPUMemoryUsed	GPU memory used	bytes	clusterId, serviceId, instanceId
GPUTemperature	GPU temperature	℃	clusterId, serviceId, instanceId
GPUUsed	GPU usage	%	clusterId, serviceId, instanceId

VPN metric reference

- The **Project** is named acs_vpn, the sampling period is 60s, and the **Period** value is 60 or an integer multiple of 60.

Metric	Metric name	Unit	Dimensions
net_rx.rate	Inbound network bandwidth	bits/s	instanceId
net_tx.rate	Outbound network bandwidth	bits/s	instanceId

Metric	Metric name	Unit	Dimensions
net_rx.Pkgs	Number of inbound network packages per second	packages/s	instanceId
net_tx.Pkgs	Number of outbound network packages per second	packages/s	instanceId

Shared bandwidth metric reference

- The **`Project`** is named `acs_bandwidth_package`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.

Metric	Metric name	Unit	Dimensions	Remarks
net_rx.rate	Inbound network bandwidth	bits/s	instanceId	The instanceId indicates the ID of the shared bandwidth.
net_tx.rate	Outbound network bandwidth	bits/s	instanceId	The instanceId indicates the ID of the shared bandwidth.
net_rx.Pkgs	Inbound network packages	packages/s	instanceId	The instanceId indicates the ID of the shared bandwidth.
net_tx.Pkgs	Outbound network packages	packages/s	instanceId	The instanceId indicates the ID of the shared bandwidth.
net_tx.ratePercent	Outbound network bandwidth usage	%	instanceId	The instanceId indicates the ID of the shared bandwidth.

Cloud Enterprise Network metric reference

- The **`Project`** is named `acs_cen`, the sampling period is 60s, and the **`Period`** value is 60 or an integer multiple of 60.

Metric	Metric name	Unit	Dimensions
InternetOutRatePercentByConnectionArea	Outbound bandwidth percentage by area	%	cenId, geographicSpanId
InternetOutRatePercentByConnectionRegion	Outbound bandwidth percentage by region	%	cenId, geographicSpanId, localRegionId, oppositeRegionId
InternetOutRateByConnectionArea	Outbound bandwidth by area	bits/s	cenId, geographicSpanId
InternetOutRateByConnectionRegion	Outbound bandwidth by region	bits/s	cenId, geographicSpanId, localRegionId, oppositeRegionId
LatencyByConnectionRegion	Region latency	ms	src_region_id, dst_region_id
VBRHealthyCheckLatency	VBR latency	ms	cenId, vbrInstanceId
VBRHealthyCheckLossRate	VBR packet loss rate	%	cenId, vbrInstanceId
VBRInternetOutRate	VBR outbound bandwidth	bits/s	cenId, vbrInstanceId
VBRInternetInRate	VBR inbound bandwidth	bits/s	cenId, vbrInstanceId

Edge Node Service metric reference

- The **`project`** is named `acs_ens`, the sampling period is 300s, and the **`Period`** value is 300 or an integer multiple of 300.
- **`nodeId`** indicates the city and the operator. For example, "cn-kunming-telecom" indicates Kunming Telecom; "cn-wuhan-cmcc" indicates Wuhan Mobile; "cn-wuhan-cucc" indicates Wuhan Unicom.
- **`instanceId`** indicates the instance ID.

Metric	Description	Unit	Dimensions
Instance_internetin_rate	Instance-dimension uplink network bandwidth	bits/s	nodeId, instanceId

Metric	Description	Unit	Dimensions
instance_internetout_rate	Instance-dimension downlink network bandwidth	bits/s	nodeId, instanceId
node_internetin_rate	Node-dimension uplink network bandwidth	bits/s	nodeId
node_internetout_rate	Node-dimension downlink network bandwidth	bits/s	nodeId
user_internetin_rate	User-dimension uplink network bandwidth	bits/s	Null
user_internetout_rate	User-dimension downlink network bandwidth	bits/s	Null

Open Search metric reference

- The **`project`** is named `acs_opensearch`. For the sampling period, see the following table.
- The **`regionId`** value for **`Dimensions`** can be queried through ***DescribeRegions***.

Metric	Description	Unit	Dimensions	Minimum monitoring granularity
DocSizebyApp	Storage capacity	Bytes	regionId, appName, appId	10 minutes
DocSizeRatiobyApp	Storage capacity usage	%	regionId, appName, appId	10 minutes
DocCountbyApp	Document count	Count	regionId, appName, appId	10 minutes
QPSbyApp	Query QPS	Count/Second	regionId, appName, appId	20 seconds
LossQPSbyApp	Query limit QPS	Count/Second	regionId, appName, appId	20 seconds
LatencybyApp	Query elapsed time	ms	regionId, appName, appId	20 seconds
ComputeResourcebyApp	Compute resource	LCU	regionId, appName, appId	20 seconds

Metric	Description	Unit	Dimensions	Minimum monitoring granularity
ComputeResourceRatiobyApp	Compute resource usage	%	regionId, appName, appId	20 seconds
ComputeCostbyApp	Single query compute cost	LCU	regionId, appName, appId	20 seconds

4 ListAlarmHistory

Description

Query historical alarms.

Request Parameters

Name	Type	Required or not	Description
Action	String	Yes	The parameter specified by the system. Value: `ListAlarmHistory`
Id	String	Optional	ID of the alarm rule.
Size	Int	Optional	Number of records on every page. Default value: `100`.
StartTime	String	Optional	Start time of data query. The default start time is 24 hours earlier than the current time. The time can be in the long time format or yyyy-MM-dd HH:mm:ss format
EndTime	String	Optional	End time of data query. The default end time is the current time. The time can be in the long time format or yyyy-MM-dd HH:mm:ss format
Cursor	String	Optional	Start position of data query. If it is null, the system queries the first 100 data items by time

Response parameter

Name	Type	Description
AlarmHistoryList	List	List of historical alarm details
Cursor	String	Data on the next page. If it is null, pages are unavailable
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, which is used for log query
Code	String	Request failure status code. The value `200`indicates that the request is successful, and a non-`200`value indicates that the request fails
Message	String	Request failure prompt message

History parameters

Name	Type	Description
Id	String	ID of the alarm rule.
Name	String	Name of the alarmt policy.
Namespace	String	Product name
MetricName	String	Metric name.
Dimension	String	Instance corresponding to the alarm rule, which is a JSON object string, for example, {“ instance”:”name1”}
EvaluationCount	Int	An alarm is triggered when the monitoring data has been detected to exceed the threshold for this specified consecutive times
Value	String	Current value which triggers an alarm
AlarmTime	Long	.

Name	Type	Description
LastTime	Long	Alarm duration, in milliseconds
state	String	Alarm rule status, which can be OK, ALARM, or INSUFFICIENT_DATA
Status	Integer	Notification sending status. 0 indicates that a notification has been sent to users, 1 indicates that no notification is sent because the current time is not within the effective period, and 2 indicates that no notification is sent because the current time is within the alarm silence period
ContactGroups	String	The contact group of the alarm rule, which is a string corresponding to the JSON array, for example, [“Contact Group 1” and “Contact Group 2”]. This field is valid only when status is set to 0

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=ListAlarmHistory
&EndTime=2017-03-16+15%3A00%3A00
&Size=3
&StartTime=2017-02-20+10%3A50%3A00
&Id=1a775e37-dfba-430c-ab9f-7036475c8bfb_2dbe619b-0483-402e-9437-
7c7a38fba7ed
&<Common Request Parameters>
```

Response example

- XML format

```
<ListAlarmHistoryResponse>
  <AlarmHistoryList>
    <AlarmHistory>
      <Status>2</Status>
      <Value>{"Maximum":301,"Minimum":301}</Value>
      <MetricName>http.status_groupbyinstanceid#60</MetricName>
      <State>ALARM</State>
      <LastTime>122088</LastTime>
```

```
      <AlarmTime>1489568222088</AlarmTime>
      <Namespace>acs_sitemonitor</Namespace>
      <ContactGroups>null</ContactGroups>
      <Id>1a775e37-dfba-430c-ab9f-7036475c8bfb_2dbe619b-0483-402e-
9437-7c7a38fba7ed</Id>
      <EvaluationCount>3</EvaluationCount>
    </AlarmHistory>
    <AlarmHistory>
      <Status>0</Status>
      <Value>{"Maximum":301,"Minimum":301}</Value>
      <MetricName>http.status_groupbyinstanceid#60</MetricName>
      <State>ALARM</State>
      <LastTime>62078</LastTime>
      <AlarmTime>1489568162078</AlarmTime>
      <Namespace>acs_sitemonitor</Namespace>
      <ContactGroups>["alarm contact"]</ContactGroups>
      <Id>1a775e37-dfba-430c-ab9f-7036475c8bfb_2dbe619b-0483-402e-
9437-7c7a38fba7ed</Id>
      <EvaluationCount>3</EvaluationCount>
    </AlarmHistory>
  </AlarmHistoryList>
  <RequestId>7E7A6173-EC07-43A1-ABBF-1F05EBB4C2BB</RequestId>
  <Success>true</Success>
  <Code>200</Code>
</ListAlarmHistoryResponse>
```

- JSON format

```
{
    "AlarmHistoryList": {
        "AlarmHistory": [
            {
                "Status": 2,
                "Value": "{\"Maximum\":301,\"Minimum\":301}",
                "MetricName": "http.status_groupbyinstanceid#60",
                "State": "ALARM",
                "LastTime": 122088,
                "AlarmTime": 1489568222088,
                "Namespace": "acs_sitemonitor",
                "ContactGroups": "null",
                "Id": "1a775e37-dfba-430c-ab9f-7036475c8bfb_2dbe619b
-0483-402e-9437-7c7a38fba7ed",
                "EvaluationCount": 3
            },
            {
                "Status": {
                "Value": "{\"Maximum\":301,\"Minimum\":301}",
                "MetricName": "http.status_groupbyinstanceid#60",
                "State": "ALARM",
                "LastTime": 62078,
                "Armtime": 1489568162078,
                "Namespace": "acs_sitemonitor",
                "ContactGroups": "[\"Alarm contact\"]",
                "Id": "1a775e37-dfba-430c-ab9f-7036475c8bfb_2dbe619b
-0483-402e-9437-7c7a38fba7ed",
                "EvaluationCount": 3
            }
        ]
    },
    "RequestId": "1DBBCE29-0F69-435C-B65C-53D1011D1D72",
    "Success": true,
```

```
    "Code": "200"
}
```

5 NodeStatus

Description

Query the agent running status on a specified instance.

Request parameters

Name	Type	Required or not	Description
Action	String	Yes	API name specified by the system. Value: **`NodeStatus`**.
InstanceId	String	Yes	Instance id, for example: `i-22jja5c2l`.

Response parameter

Name	Type	Description
Error code	Integer	Error code. The value `200` indicates that the request is successful, and a non-200 value indicates request failure
ErrorMessage	String	Error message
Success	String	Whether the operation is successful, which is equivalent to errorCode200.
RequestId	String	Unique request ID used for error locating.
InstanceId	String	Instance id
Status	String	Agent running status
AutoInstall	Boolean	Whether to enable automatic installation using NodeInstall

Agent running status

Name	Description
running	Running
Stopped	Stopped

Name	Description
not_installed	Uninstalled
installing	Installing
Install_faild	Installation failed
need_to_upgrade	Upgrade required
uninstalled	Already uninstalled

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=NodeStatus
&InstanceId= i-abcdefgh123456
&<Common Request Parameters>
```

Response example

- XML format
- ```
  <NodeStatusResponse>
    <Status>running</Status>
    <InstanceId> i-abcdefgh123456</InstanceId>
    <ErrorCode>200</ErrorCode>
    <Success>true</Success>
    <AutoInstall>true</AutoInstall>
  </NodeStatusResponse>
  ```
- JSON format
- ```
  {
      "Status":"running",
      "InstanceId": " i-abcdefgh123456",
      "Success": true,
      "ErrorCode": 200,
      "AutoInstall": true
  }
  ```

6 CreateAlarm

Description

You can create alarm rule for one or more instances.

Request Parameters

Name	Type	Required	Description
Action	String	Yes	The parameter specified by the system. Value: `CreateAlarm`
Name	String	Required	Alarm rule name
Namespace	String	Required	Product name. For more information, see the projects for various products, such as `acs_ecs_dashboard`, `acs_rds_dashboard`
MetricName	String	Required	The name of the monitoring item corresponding to the corresponding product, based on the metric definition of each product
Dimensions	String	Required	List of instances associated with the alarm rule, which is a string corresponding to the JSON array, for example, [{“instanceId”:”name1”} and {“iinstance”:”name2”}]
Period	Integer	Optional	Index query cycle, which must be consistent with that defined for metrics;

Name	Type	Required	Description
			default value: `300`, in seconds
Statistics	String	Required	Statistical method, for example, Average , which must be consistent with that defined for metrics
ComparisonOperator	String	Required	Alarm comparison operator, which must be <=,<,>,>=,==,! =
Threshold	String	Required.	Alarm threshold value, which must be a numeric value currently
EvaluationCount	Int	Optional	Number of consecutive times it has been detected that the values exceed the threshold; default value: three times
ContactGroups	String	Required.	The contact group of the alarm rule, which must have been created on the console as a string corresponding to the JSON array, `for example, [“Contact Group 1” and “Contact Group 2”]`
StartTime	Int	Optional	Start time of the alarm effective period; default value: 0, which indicates the time 00: 00
EndTime	Int	Optional	End time of the alarm effective period; default value: 24,

Name	Type	Required	Description
			which indicates the time 24:00
SilenceTime	Int	Optional	Notification silence period in the alarm state, in seconds; default value: 86,400; minimum value: 1 hour
NotifyType	Int	Optional	Notification type. The value 0 indicates TradeManager+ email, and the value 1 indicates that TradeManager+email+ SMS

Response parameter

Name	Type	Description
Data	String	Returned alarm rule ID
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, which is used for log query
Code	String	Request failure status code. The value 200 indicates that the request is successful, and a non-200 value indicates that the request is failed
Message	String	Request failure prompt message

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/
Data content of a POST request body:
Name: test_alarm
Namespace: acs_ecs_dashboard
MetricName: vm.MemoryUtilization
Dimensions：[{"instanceId":"<your_ instanceId >","userId":"<your_
userId >"}]
```

```
Period : 900
Statistics : Average
ComparisonOperator : <=
Threshold : 35
EvaluationCount : 2
ContactGroups : ["testgroup"]
StartTime : 6
EndTime : 20
NotifyType : 1
```

Response example

- XML format

```
<CreateAlarmResponse>
  <Data>576fbae7-2fd1-411a-ae13-6f09f4fafdde</Data>
  <RequestId>58C699ED-84BE-44D5-B55F-84AFE73932AB</RequestId>
  <Success>true</Success>
  <Code>200</Code>
</CreateAlarmResponse>
```

- JSON format

```
{
    "Data": "0c4af0f1-a864-468b-bed3-15c7deff75ee",
    "RequestId": "910ABE4E-DC9D-4231-9DC0-C96835553327",
    "Success": true,
    "Code": "200"
}
```

7 DeleteAlarm

Description

Delete an existing alert policy.

Request Parameters

Parameter	Type	Required or not	Description
Action	String	Yes	System-defined parameters, value: **`DeleteAlarm`**
Id	String	Mandatory	ID of the alarm rule

Response parameters

Name	Type	Description
Data	String	Returned alarm rule ID
Success	Boolean	Was the request successful?
RequestId	String	Requested UUID, easy to query log
Code	String	Request failed status code, 200 is successful, non-200 is failed
Message	String	Request failed prompt information

Error codes

Error code	Description	Meaning
400	Bad Request	Syntax error in client request
403	Forbidden	No permission
404	Not Found	Client error, not found
500	Internal Server Error	Server error
200	OK	Normal

Example

Request example

Response example

- XML format

```
<DeleteAlarmResponse>
  <RequestId>A9371CD8-369D-49FA-BED9-35050A0DC6A2</RequestId>
  <Success>true</Success>
  <Code>200</Code>
</DeleteAlarmResponse>
```

- JSON format

```
{
    "RequestId": " A9371CD8-369D-49FA-BED9-35050A0DC6A2",
    "Success": true,
    "Code": "200"
}
```

8 ListAlarm

Description

Query specified or all alarm rule settings.

Request Parameters

Name	Type	Required	Description
Action	String	Required.	The parameter specified by the system. Value: `ListAlarm`
Namespace	String	Required	Product name. For more information, see the projects for various products, such as acs_ecs_dashboard and acs_rds_dashboard, acs_rds_dashboard
Id	String	Optional	Alarm rule ID
Name	String	Optional	Alarm rule name, with fuzzy search supported
Dimensions	String	Optional	Instance information associated with the alarm rule, which is a JSON object string. for example, {“instance”:”name1”}. This field is used to query all the rules associated with the instance, and Namespace must be specified when this field is used.
state	String	Optional	Alarm rule status, `ALARM`, `INSUFFICIENT_DATA` , `OK`.

Name	Type	Required	Description
IsEnable	Boolean	Optional	`true` indicates that the alarm rule is enabled, and `false` indicates that the rule is disabled.
PageNumber	Int	Optional	Page number, default: 1.
PageSize	Int	Optional	Number of records on every page. Default value: 100

Response parameter

Name	Type	Description
NextToken	Integer	Next page. Null indicates there is only one page.
AlarmList	List	Alarm rule details list
Total	Integer	Total number of compliant data items
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, which is used for log query
Code	String	Request failure status code. The value 200 indicates that the request is successful, and a non-200 value indicates that the request fails
Message	String	Request failure prompt message

Alarm parameters

Name	Type	Description
Id	String	Alarm rule ID
Name	String	Alarm rule name

Name	Type	Description
namespace	String	Product corresponding to the alarm rule
metricName	String	Monitoring metric corresponding to the alarm rule
Dimensions	String	List of instances associated with the alarm rule, which is a string corresponding to the JSON array, for example, [{“instanceId”:”name1”} and {“instance”:”name2”}] array, for example, [{“instanceId”:”name1”} and {“instance”:”name2”}]
Period	Int	Monitoring metric query cycle, in seconds
Statistics	String	Statistical method, for example, Average, Maximum, or Minimum
ComparisonOperator	String	Comparison operator
Threshold	String	Threshold
EvaluationCount	Int	An alarm is triggered when the monitoring data has been detected to exceed the threshold for this specified consecutive times. Default value: three consecutive times
ContactGroups	String	The contact group of the alarm rule, which is a string corresponding to the JSON array, for example, [“Contact Group 1” and “Contact Group 2”]
StartTime	Int	Start time of the effective period
EndTime	Int	End time of the effective period
SilenceTime	Int	Silence period in the alarm state, in seconds

Name	Type	Description
NotifyType	Int	Notification type. The value 0 indicates that a notification is sent by TradeManager+email , and the value 1 indicates TradeManager+email+SMS
Enable	Boolean	Whether the alarm rule is enabled. “true” indicates that it is enabled
State	String	Alarm rule status. ALARM indicates that an alarm is triggered for one instance, INSUFFICIENT_DATA indicates that no data exists, and OKindicates a condition other than the preceding two

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=ListAlarm
&PageSize=2
&Dimension=%7B%22instanceId%22%3A%22 i-abcdefgh123456%22%7D
&Namespace=acs_ecs_dashboard
&PageNumber=1
&<Common Request Parameters>
```

Response example

- XML format

```
<ListAlarmResponse>
  <NextToken>2</NextToken>
  <RequestId>CC2CDD2B-4EA5-43CD-BEE3-758E93C36B7F</RequestId>
  <AlarmList>
    <Alarm>
      <period>1</period>
      <Statistics>Average</Statistics>
      <Name>ecs_cpu_total</Name>
      <MetricName>cpu_total</MetricName>
      <State>OK</State>
      <Threshold>90</Threshold>
      <Enable>true</Enable>
      <SilenceTime>86400</SilenceTime>
      <NotifyType>1</NotifyType>
      <Dimensions>["{\"instanceId\":\" i-abcdefgh123456\"}"]</
Dimensions>
      <Namespace>acs_ecs_dashboard</Namespace>
      <ContactGroups>["test4nudou"]</ContactGroups>
```

```
      <Id>putNewAlarm_group_e8da18b9-bc95-4edf-a8bf-159eb6c8286b</Id
>
      <EndTime>24</EndTime>
      <StartTime>2011-06-11Z</StartTime>
      <ComparisonOperator>&gt;=</ComparisonOperator>
    </Alarm>
    <Alarm>
      <Period>300</Period>
      <Statistics>Average</Statistics>
      <Name>ecs_diskusage_utilization</Name>
      <MetricName>diskusage_utilization</MetricName>
      <State>OK</State>
      <Threshold>90</Threshold>
      <Enable>true</Enable>
      <SilenceTime>86400</SilenceTime>
      <NotifyType>1</NotifyType>
      <Dimensions>["{\"instanceId\":\" i-abcdefgh123456\"}"]</
Dimensions>
      <Namespace>acs_ecs_dashboard</Namespace>
      <ContactGroups>["test4nudou"]</ContactGroups>
      <Id>putNewAlarm_group_3233eba5-0dd4-4e80-a5d5-7399dec3d7cc</Id
>
      <EndTime>24</EndTime>
      <StartTime>0</StartTime>
      <ComparisonOperator>&gt;=</ComparisonOperator>
    </Alarm>
  </AlarmList>
  <Success>true</Success>
  <Code>200</Code>
  <Total>27</Total>
```

- JSON format

```
{
    "NextToken": 2,
    "RequestId": "EFD27F56-5799-4CE8-B625-56DF3332331C",
    "AlarmList": {
        "Alarm": [
            {
                "Period": 300,
                "Statistics": "Average",
                "Name": "ecs_cpu_total",
                "MetricName": "cpu_total",
                "State": "OK",
                "Threshold": "90",
                "Enable": true,
                "SilenceTime": 86400,
                "NotifyType": 1,
                "Dimensions": "[\"{\\\"instanceId\\\":\\\" i-
abcdefgh123456\\\"}\"]",
                "Namespace": "acs_ecs_dashboard",
                "ContactGroups": "[\"test4nudou\"]",
                "Id": "putNewAlarm_group_e8da18b9-bc95-4edf-a8bf-
159eb6c8286b",
                "EndTime": 24,
                "Starttime": 0,
                "ComparisonOperator": ">="
            },
            {
                "Period": 300,
                "Statistics": "Average",
                "Name": "ecs_diskusage_utilization",
```

```
                "MetricName": "diskusage_utilization",
                "State": "OK",
                "Threshold": "90",
                "Enable": true,
                "SilenceTime": 86400,
                "NotifyType": 1,
                "Dimensions": "[\"{\\\"instanceId\\\":\\\" i-
abcdefgh123456\\\"}\"]",
                "Namespace": "acs_ecs_dashboard",
                "ContactGroups": "[\"test4nudou\"]",
                "Id": "putNewAlarm_group_3233eba5-0dd4-4e80-a5d5-
7399dec3d7cc",
                "Endtime": 24,
                "Starttime": 0,
                "ComparisonOperator": ">="
            }
        ]
    },
    "Success": true,
    "code": "200",
    "total": 2
}
```

9 DisableAlarm

Description

Disable an alert policy. Disable an alarm rule. After an alarm rule is disabled, the monitoring metrics of the associated instances are no longer detected.

Request Parameters

Name	Type	Required or not	Description
Action	String	Yes	The parameter specified by the system. Value: **`DisableAlarm`**
Id	String	Required	Alarm rule ID

Response parameters

Name	Type	Description
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, which is used for log query
Code	String	Request failure status code. The value 200 indicates that the request is successful, and a non-200 value indicates that the request fails
Message	String	Request failure prompt message

Examples

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=DisableAlarm
&Id=576fbae7-2fd1-411a-ae13-6f09f4fafdde
&<Common Request Parameters>
```

Response example

- XML format

```
<DisableAlarmResponse>
  <RequestId>CF9F20A2-D4CF-4FA0-B8A3-1F4C151B3C91</RequestId>
  <Success>true</Success>
  <Code>200</Code>
</DisableAlarmResponse>
```

- JSON format

```
{
    "RequestId": "DEF01F10-E747-42FE-9152-85CB43B1B552",
    "Success": true,
    "Code": "200"
}
```

10 ListContactGroup

Description

Query the contact group associated with an alarm rule under an Alibaba Cloud account.

Request Parameters

Name	Type	Required or not	Description
Action	String	Yes	The parameter specified by the system. Value: `ListContactGroup`
PageNumber	PageNumber	No	Page number. The default value is Page 1
PageSize	PageNumber	No	Page size. The default value is 100

Response parameters

Name	Type	Description
Nexttoken	Integer	Next page. If the value is null it means no pages are available
Datapoints	List< String >	List of contact group names
Total	Integer	Total number of compliant data items
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, which is used for log query
Code	String	Request failure status code . The value 200 indicates request is successful, and a non-200 value indicates request failure
Message	String	Request failure prompt message

Examples

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=ListContactGroup
&PageSize=5
&PageNumber=1
&<Common Request Parameters>
```

Response example

- XML format

```
<ListContactGroupResponse>
  <RequestId>DCE1419F-D60C-441C-81C3-7425B9211AC5</RequestId>
  <ContactGroups>
    <ContactGroup>test4nudou</ContactGroup>
    <ContactGroup>xzytestgroup</ContactGroup>
    <ContactGroup>Alarm contacts under an Alibaba Cloud account</
ContactGroup>
  </ContactGroups>
  <Success>true</Success>
  <Code>200</Code>
  <Total>6</Total>
</ListContactGroupResponse>
```

- JSON format

```
{
    "RequestId": "D3D03B0A-CF1A-4DAB-BF0D-D4B6ACD5677A",
    "ContactGroups": {
        "ContactGroup": [
            "test4nudou",
            "xzytestgroup",
            "Alarm contacts under an Alibaba Cloud account"
        ]
    },
    "Success": true,
    "code": "200",
    "total": 3
}
```

11 EnableAlarm

Description

Enable alarm rule. When an alarm rule is disabled, you can use this API to enable it.

Request Parameters

Name	Type	Required	Description
Action	String	Yes	The parameter specified by the system. Value: **EnableAlarm**
Id	String	Required	ID of the alarm rule

Response parameter

Name	Type	Description
Data	String	Returned alarm rule ID
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, easy to query log
Code	String	Request failure status code. The value 200 indicates that the request is successful, and a non-200 value indicates that the request fails

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action= EnableAlarm
&Id=576fbae7-2fd1-411a-ae13-6f09f4fafdde
&<Common Request Parameters>
```

Response example

- XML format

```
<EnableAlarmResponse>
  <RequestId>1B77FA9C-4E5A-4DF9-82CB-0E898C9FDA2F</RequestId>
  <Success>true</Success>
  <Code>200</Code>
```

```
</EnableAlarmResponse>
```

- JSON format

```
{
    "RequestId": "1C5E0E5D-76D5-469C-9FA8-D74799B24860",
    "Success": true,
    "Code": "200"
}
```

12 NodeStatusList

Description

Query the status of the CloudMonitor agent in batches.

Request Parameters

Name	Type	Required or not	Description
Action	String	Yes	The API name specified by the system. Value: `NodeStatusList`
InstanceIds	String	Yes	Instance ID. for example, i-22jja5c2l . Multiple IDs are separated by commas

Response parameter

Name	Type	Description
Error code	Integer	Error code. The value 200 indicates that request is successful, and a non-200 value indicates request failure
ErrorMessage	String	Error message
Success	String	Whether the operation is successful, which is equivalent to errorCode200
RequestId	String	Unique request ID used to locate error
NodeStatusList	NodeStatus Array	List of node status

NodeStatus model

Name	Type	Description
InstanceId	String	Instance ID
status	String	See NodeStatus Agent running status

Name	Type	Description
autoInstall	Boolean	Whether to enable auto installation using installation APIs

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=NodeStatusList
&InstanceIds= i-abcdefgh123456%2C i-abcdefgh123457
&<Common Request Parameters>
```

Response example

- XML format

```
<NodeStatusListResponse>
  <NodeStatusList>
    <NodeStatus>
      <Status>running</Status>
      <InstanceId> i-abcdefgh123456</InstanceId>
      <AutoInstall>true</AutoInstall>
    </NodeStatus>
    <NodeStatus>
      <Status>uninstalled</Status>
      <InstanceId> i-abcdefgh123457</InstanceId>
      <AutoInstall>true</AutoInstall>
    </NodeStatus>
  </NodeStatusList>
  <Success>true</Success>
  <ErrorCode>200</ErrorCode>
</NodeStatusListResponse>
```

- JSON format

```
{
    "NodeStatusList": {
        "NodeStatus": [
            {
                "Status":"running",
                "InstanceId": " i-abcdefgh123456",
                "AutoInstall": true
            },
            {
                "Status": "uninstalled",
                "InstanceId": " i-abcdefgh123457",
                "AutoInstall": true
            }
        ]
    },
    "ErrorCode": 200,
    "Success": true
}
```

13 QueryMetricLast

Description

Query the latest monitoring data of a specified monitored object.

Request Parameters

Name	Type	Mandatory or Not	Description
Action	String	Yes	The API name specified by the system. Value: **`QueryMetricLast`**
Project	String	Yes	Name space. It indicates the product to which the monitoring data belongs, for example, “acs_ecs_dashboard” and “acs_rds_dashboard”
Metric	String	Yes	Metric name
Period	String	No	Time interval, always calculated in seconds, for example, 60, 300, or 900. If this field is not specified, raw data is queried based on the report period stated during metric registration. If this field is specified, corresponding statistics are queried based on the specified period.
StartTime	String	No	The start time. It can be a millisecond value counted from 12:00:00 AM, January 1, 1970, or formatted data, for

Name	Type	Mandatory or Not	Description
			example, 2015-10-20 00:00:00.
EndTime	String	No	It can be a millisecond value counted from 00:00:00, January 1, 1970, or formatted data, for example, 2015-10-20 00:00:00.
dimensions	String	No	Key-value set used to filter monitoring data. The key can use one or more dimensionKeys stated during monitoring metric registration and the value is the value corresponding to this key. Instanceid is required and requires a JSON string to represent the Map object must be a JSON string and only strings can be input. Dimensions must be input in order
Length	String	No	Returns the size of each page of monitoring data for paged queries. The default value is 1000, that is, 1,000 monitoring data entries per page.
cursor	String	No	Cursor

For how to assign values to input parameters of various cloud products, such as Project, Metric, Period, and Dimensions, see Preset monitoring metric.*Preset metric item reference*

Response parameters

Name	Type	Description
Period	String	Time interval is always calculated in seconds, for example, 60, 300, or 900
Cursor	String	Cursor
Datapoints	List	Monitoring data list, in the following format: { “timestamp ”: 1490164200000,”Maximum ”: 100,”userId”: “1234567898 765432”, “Minimum”: 4.55,” instanceId”: “i-bp18abl200 xk9599ck7c”, “Average”: 93.84 }
Code	String	Status code. Code 200 is returned if no exception occurs
Success	Boolean	Whether the current query is successful. In case of any exception on the server side, the returned value is “false” (and “true” otherwise)
Message	String	Status description. The message is null when Code is 200
RequestId	String	When any issue arises with the request, you can provide this field to our technical support for troubleshooting

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=QueryMetricLast
&EndTime=2017-03-22+14%3A30%3A27
&StartTime=2017-03-22+14%3A20%3A27
&Period=60
&Dimensions=%7BinstanceId%3A%27 i-abcdefgh123456%27%7D
&Project=acs_ecs_dashboard
&Metric=cpu_idle
```

```
&<Common Request Parameters>
```

Response example

- XML format

```
<QueryMetricLastResponse>
  <period>1</period>
  <Datapoints>
    <Datapoints>
      <timestamp>1490164200000</timestamp>
      <Maximum>100</Maximum>
      <userId>1234567898765432</userId>
      <Minimum>4.55</Minimum>
      <instanceId>i-bp18abl200xk9599ck7c</instanceId>
      <Average>93.84</Average>
    </Datapoints>
  </Datapoints>
  <RequestId>021472A6-25E3-4094-8D00-BA4B6A5486C3</RequestId>
  <Success>true</Success>
  <Code>200</Code>
</QueryMetricLastResponse>
```

- JSON format

```
{
    "Period": "60",
    "Datapoints": [
        {
            "timestamp": 1490164200000,
            "Maximum":100,
            "userId": "1234567898765432",
            "Minimum":25,
            "instanceId":"i-bp18abl200xk9599ck7c",
            "Average":95.82,
        }
    ],
    "RequestId": "4E7664F2-9CDE-4212-9318-A0712D345A5E",
    "Success": true,
    "Code": "200"
}
```

14 UpdateAlarm

Description

Modify an existing alarm rule.

Request Parameters

Name	Type	Required	Description
Action	String	Required	The parameter specified by the system. Value: **`UpdateAlarm`**
Id	String	Mandatory	ID of the alarm rule
name	String	Optional	Alarm rule name
Period	Integer	Optional	Index query cycle , which must be consistent with that defined for metrics; default value: 300, in seconds
statistics	String	Optional	Value after modificati on
ComparisonOperator	String	Required	Alarm comparison operator, which must be <=,<,>,>=,==,! =
Threshold	String	Required	Alarm threshold value, which must be a numeric value currently
EvaluationCount	Int	Optional	Number of consecutiv e times it has been detected that the values exceed the threshold; default value: three times
ContactGroups	String	Mandatory	The contact group of the alarm rule, which must have been created on the

Name	Type	Required	Description
			console as a string corresponding to the JSON array, for example, ["Contact Group 1" and "Contact Group 2"]
StartTime	Int	Optional	Start time of the alarm effective period; default value: 0, which indicates the time 00:00
EndTime	Int	Optional	End time of the alarm effective period; default value: 24, which indicates the time 24:00
SilenceTime	Int	Optional	Notification silence period in the alarm state, in seconds; default value: 86,400; minimum value: 1 hour
NotifyType	Int	Optional	Notification type. The value 0 indicates TradeManager+ email, and the value 1 indicates that TradeManager+email+ SMS

Response parameters

Name	Type	Description
Success	Boolean	Whether the request is successful
RequestId	String	Requested UUID, which is used for log query
Code	String	Status code

Name	Type	Description
Message	String	Request failure prompt message

Example

Request example

```
http://metrics.cn-hangzhou.aliyuncs.com/?Action=UpdateAlarm
&ComparisonOperator=%3E
&Name=test_modify
&Id=576fbae7-2fd1-411a-ae13-6f09f4fafdde
&Threshold=40
&<Common Request Parameters>
```

Response example

- XML format

```
<UpdateAlarmResponse>
  <RequestId>C08FADC4-CFDB-42F7-B9B8-0ED5391CD084</RequestId>
  <Success>true</Success>
  <Code>200</Code>
</UpdateAlarmResponse>
```

- JSON format

```
{
    "RequestId": "945B9183-95C0-44FF-B30C-9ED37D44F6DC",
    "Success": true,
    "Code": "200"
}
```