

Alibaba Cloud Resource Orchestration Service

API Reference

Issue: 20190827

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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.	 Notice: 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 <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid <i>Instance_ID</i></code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

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1 Make API requests

1.1 ROS regions

Region	Region ID
China (Qingdao)	cn-qingdao
China (Beijing)	cn-beijing
China (Zhangjiakou)	cn-zhangjiakou
China (Hohhot)	cn-huhehaote
China (Hangzhou)	cn-hangzhou
China (Shanghai)	cn-shanghai
China (Shenzhen)	cn-shenzhen
China (Chengdu)	cn-chengdu
China (Hong Kong)	cn-hongkong
Japan (Tokyo)	ap-northeast-1
Singapore	ap-southeast-1
Australia (Sydney)	ap-southeast-2
Malaysia (Kuala Lumpur)	ap-southeast-3
Indonesia (Jakarta)	ap-southeast-5
India (Mumbai)	ap-south-1
US (Virginia)	us-east-1
US (Silicon Valley)	us-west-1
UK (London)	eu-west-1
UAE (Dubai)	me-east-1
Germany (Frankfurt)	eu-central-1

2 Stack-related interfaces

3 Other interfaces

3.1 Query regions

Call `/regions` by GET method to query the region list of Alibaba Cloud.

Request parameters

None.

Response parameters

The system returns the region list.

Name	Type	Description
Regions	List	List of all regions.

Error codes

Error code	Description	HTTP status code	Meaning
InternalServerError	Server error	500	Server-side unknown exception.

Example

Request example

```
GET http://ros.aliyuncs.com/regions HTTP/1.1
x-acs-signature-method: HMAC-SHA1
Authorization: acs ACSTQDkNtS MrZtwL : 8xKxVMY4xi 2zgXUNLERR
iZbgag =
Date: Fri, 11 Sep 2015 05:30:11 GMT
x-acs-signature-version: 1.0
x-sdk-client: Java/2.0.0
Accept: application/octet-stream
x-acs-version: 2015-09-01
Cache-Control: no-cache
Pragma: no-cache
User-Agent: Java/1.6.0_27
Host: ros.aliyuncs.com
Connection: keep-alive
```

Response example

```
HTTP / 1.1 200 OK
Date : Fri, 11 Sep 2015 05:30:12 GMT
Content-Type : application/json; charset=UTF-8
Content-Length : 1694
Connection : close
Vary : Accept-Encoding
Access-Control-Allow-Origin : *
Access-Control-Allow-Methods : POST, GET, OPTIONS
Access-Control-Allow-Headers : X-Requested-With, X-Sequence, _aop_secret, _aop_signature
Access-Control-Max-Age : 172800
X-Acs-Request-Id : A21A4B12-CCD7-42F0-9A62-DE8347D88385
Server : Jetty ( 7.2.2.v20101205 )
```

```
{
  "Regions": [
    {
      "LocalName": "China South 1 (Shenzhen)",
      "RegionId": "cn-shenzhen"
    },
    {
      "LocalName": "Singapore",
      "RegionId": "ap-southeast-1"
    },
    {
      "LocalName": "China North 1 (Qingdao)",
      "RegionId": "cn-qingdao"
    },
    {
      "LocalName": "China North 2 (Beijing)",
      "RegionId": "cn-beijing"
    },
    {
      "LocalName": "China East 2 (Shanghai)",
      "RegionId": "cn-shanghai"
    },
    {
      "LocalName": "US East 1 (Virginia)",
      "RegionId": "us-east-1"
    },
    {
      "LocalName": "Hong Kong",
      "RegionId": "cn-hongkong"
    },
    {
      "LocalName": "Middle East 1 (Dubai)",
      "RegionId": "me-east-1"
    },
    {
      "LocalName": "Asia Pacific SE 2 (Sydney)",
      "RegionId": "ap-southeast-2"
    },
    {
      "LocalName": "China East 1 (Hangzhou)",
      "RegionId": "cn-hangzhou"
    },
    {
      "LocalName": "Germany 1 (Frankfurt)",

```

```
    " RegionId ":" eu - central - 1 "  
  },  
  {  
    " LocalName ":" Asia Pacific NE 1 ( Tokyo )",  
    " RegionId ":" ap - northeast - 1 "  
  },  
  {  
    " LocalName ":" US West 1 ( Silicon Valley )",  
    " RegionId ":" us - west - 1 "  
  }  
]  
}
```