

Alibaba Cloud Container Registry

API Reference Enterprise Edition

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Document conventions

Style	Description	Example
	A danger notice 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.
	A warning notice 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 restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type.
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	Courier font is used for commands.	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{} or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

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1 List of operations by function

The following lists all open APIs of Container Registry Enterprise Edition based on their functions.

Instance management

Operation	Description
<i>GetInstance</i>	Queries the information of an instance.
<i>GetInstanceUsage</i>	Queries the quota usage of an instance.
<i>ListInstanceRegion</i>	Queries regions where an instance can reside.
<i>ListInstance</i>	Queries instances.

Access control management

Operation	Description
<i>CreateInstanceEndpointAclPolicy</i>	Adds an access control entry to control access from the Internet to an instance.
<i>DeleteInstanceEndpointAclPolicy</i>	Deletes an access control entry to control access from the Internet to an instance.
<i>GetInstanceEndpoint</i>	Queries an endpoint of an instance.
<i>ListInstanceEndpoint</i>	Queries endpoints of an instance.
<i>UpdateInstanceEndpointStatus</i>	Updates the status of an endpoint.
<i>CreateInstanceVpcEndpointLinkedVpc</i>	Associates a VPC with an instance to allow access from the VPC to the instance.
<i>DeleteInstanceVpcEndpointLinkedVpc</i>	Disassociates a VPC from an instance.
<i>GetInstanceVpcEndpoint</i>	Retrieves a VPC associated with an instance.

Image synchronization management

Operation	Description
<i>CreateRepoSyncRule</i>	Creates an image synchronization rule for a repository.

Operation	Description
<i>CreateRepoSyncTaskByRule</i>	Creates an image synchronization task based on a manual synchronization rule.
<i>DeleteRepoSyncRule</i>	Deletes an image synchronization rule for a repository .
<i>GetRepoSyncTask</i>	Queries an image synchronization task in an instance.
<i>ListRepoSyncRule</i>	Queries image synchronization rules in an instance.
<i>GetRepoSyncTask</i>	Queries image synchronization tasks in an instance.
<i>UpdateRepoBuildRule</i>	Updates an image build rule for a repository.

Namespace management

Operation	Description
<i>CreateNamespace</i>	Creates a namespace in an instance.
<i>DeleteNamespace</i>	Deletes a namespace from an instance.
<i>GetNamespace</i>	Queries the information of a namespace in an instance .
<i>ListNamespace</i>	Queries namespaces created in an instance.
<i>UpdateNamespace</i>	Updates a namespace in an instance.

Image repository management

Operation	Description
<i>CreateRepository</i>	Creates an image repository in an instance.
<i>DeleteRepository</i>	Deletes an image repository from an instance.
<i>GetRepository</i>	Queries the information about an image repository in an instance.
<i>ListRepository</i>	Queries repositories in an instance.

Operation	Description
<i>UpdateRepository</i>	Updates the information about an image repository in an instance.

Image management

Operation	Description
<i>DeleteRepoTag</i>	Deletes an image from a repository.
<i>GetRepoTagLayers</i>	Queries the information about image layers of an image.
<i>GetRepoTagManifest</i>	Queries the manifest information of an image tag.
<i>ListRepoTag</i>	Queries image tags in a repository.

Image security management

Operation	Description
<i>CreateRepoTagScanTask</i>	Creates a security scan task for an image.

Image build management

Operation	Description
<i>CancelRepoBuildRecord</i>	Cancels an image build.
<i>CreateBuildRecordByRule</i>	Generates an image build record based on a rule.
<i>CreateRepoBuildRule</i>	Creates an image build rule for a repository.
<i>DeleteRepoBuildRule</i>	Deletes an image build rule for a repository.
<i>GetRepoBuildRecord</i>	Queries the status of an image build.
<i>GetRepoBuildRecordStatus</i>	Queries an image build record in a repository.
<i>ListRepoBuildRecord</i>	Queries image build records in a repository.
<i>ListRepoBuildRule</i>	Queries image build rules for a repository.

Image trigger management

Operation	Description
<i>CreateRepoTrigger</i>	Creates an image trigger for a repository.
<i>DeleteRepoTrigger</i>	Deletes an image trigger for a repository.
<i>ListRepoTrigger</i>	Queries a list of triggers for a repository.
<i>UpdateRepoTrigger</i>	Updates an image trigger for a repository.

Chart namespace management

Operation	Description
<i>CreateChartNamespace</i>	Creates a chart namespace in an instance.
<i>DeleteChartNamespace</i>	Deletes a chart namespace from an instance.
<i>GetChartNamespace</i>	Queries a chart namespace in an instance.
<i>ListChartNamespace</i>	Queries chart namespaces in an instance.
<i>UpdateChartNamespace</i>	Updates a chart namespace in an instance.

Chart repository management

Operation	Description
<i>CreateChartRepository</i>	Creates a chart repository in an instance.
<i>DeleteChartRepository</i>	Deletes a chart repository from an instance.
<i>GetChartRepository</i>	Queries the information of a chart repository in an instance.
<i>ListChartRepository</i>	Queries chart repositories created in an instance.
<i>UpdateChartRepository</i>	Updates the information of a chart repository in an instance.

Chart version management

Operation	Description
<i>ListChartRelease</i>	Retrieves chart versions of a repository.
<i>DeleteChartRelease</i>	Deletes a chart version for a repository.

Access credential management

Operation	Description
<i>GetAuthorizationToken</i>	Obtains a temporary account and password to log on to an instance.
<i>ResetLoginPassword</i>	Resets the logon password of an instance.

2 Make API requests

To call an API operation of Container Registry Enterprise Edition, you need to send an HTTP request using the GET method to the API endpoint of Container Registry Enterprise Edition. You must include required parameters in the valid format in an API request to ensure the desired response. Requests and responses are encoded by using the UTF-8 character set.

Request syntax

Container Registry Enterprise Edition APIs use RPC style. You can call Container Registry Enterprise Edition APIs by sending HTTP GET requests.

The request syntax is as follows:

```
http://Endpoint/?Action=xx&Parameters
```

where:

- **Endpoint:** the endpoint of the Container Registry Enterprise Edition API. Valid value: `cr.[regionId].aliyuncs.com`.
- **Action:** the operation that you want to perform, for example, `GetInstance`. You can call this operation to query Container Registry Enterprise Edition instances that have been created.
- **Version:** the version of the API. The API version of Container Registry Enterprise Edition is `2018-12-01`.
- **Parameters:** the request parameters for the operation. Separate multiple parameters with ampersands (&).

Request parameters include both common parameters and operation-specific parameters. Common parameters include the API version and authentication-related parameters. For more information, see [Common parameters](#).

The following shows the parameters used for the `GetInstance` API operation. You can call this operation to query Container Registry Enterprise Edition instances that have been created.



Note:

The following code has been edited to ease reading.

```
http(s)://[Endpoint]/? Action=GetInstance
&InstanceId=cri-xkx6vujuhay0tasd
&Format=xml
&Version=2018-12-01
&Signature=xxxx%xxxx%3D
&SignatureMethod=HMAC-SHA1
&SignatureNonce=15215528852396
&SignatureVersion=1.0
&AccessKeyId=key-test
&TimeStamp=2012-06-01T12:00:00Z
...
```

3 Request signature

You must sign all API requests to ensure security. Alibaba Cloud uses the request signature to verify the identity of the API caller. When you send an HTTP or HTTPS API request, the request must contain the signature information.

Overview

For an RPC API, you must add the signature to the API request in the following format:

```
https://Endpoint/?SignatureVersion=1.0&SignatureMethod=HMAC-SHA1&Signature=CT9X0VtwR86fNWSnsc6v8YG0juE%3D&SignatureNonce=3ee8c1b8-83d3-44af-a94f-4e0ad82fd6cf
```

where:

- **SignatureMethod: the encryption algorithm used to calculate the signature. Valid value: HMAC-SHA1.**
- **SignatureVersion: the version of the signature encryption algorithm. Valid value: 1.0.**
- **SignatureNonce: a unique random number. This parameter is used to prevent replay attacks. You must use different random numbers for multiple requests. We recommend that you use universally unique identifiers (UUIDs).**
- **Signature: the signature generated after the request has been symmetrically encrypted by using the AccessKey secret.**

Signature calculation

The signature encryption algorithm complies with RFC 2104 HMAC-SHA1 specifications. It uses the AccessKey secret to calculate the Hash-based Message Authentication Code (HMAC) of the encoded and formatted request string as the signature. Some parameters in a request are used to calculate the signature. Therefore, the signature of a request varies depending on the API request parameters.

```
Signature = Base64( HMAC-SHA1( AccessSecret, UTF-8-Encoding-Of( StringToSign)) )
```

To calculate a signature, perform the following operations:

1. Construct the string to be signed

a. Use the request parameters to construct a canonicalized query string.

- A. Sort all request parameters (including all the common request parameters and operation-specific request parameters except Signature in alphabetical order.**

When you use the GET method to submit a request, the request parameters are placed after the question mark (?) in the URI and are separated by ampersands (&).

- B. Encode in UTF-8 the parameters and their values in the request URL. The encoding rules are as follows:**

Character	Encoding method
A- Z, a- z, 0-9, hyphen (-), underscore (_), and period (.), and tildes (~)	These characters do not need to be encoded.
Other characters	These characters are percent encoded in the %XY format. XY represents the ASCII code of the characters in hexadecimal notation. For example, double quotation marks (") are encoded as %22.
Extended ASCII characters (UTF-8)	These characters are encoded in the %XY%ZA . . . format.

Character	Encoding method
Space	<p>Spaces must be encoded as %20. Do not encode spaces as plus signs (+).</p> <p>This encoding method is different from the <code>application/x-www-form-urlencoded</code> MIME encoding algorithm (such as the <code>java.net.URLEncoder</code> class provided by the Java standard library). You can use this encoding method directly by replacing the plus sign (+) in the encoded string with %20, the asterisk (*) with %2A, and %7E with the tilde (~) to conform to the encoding rules described above. You can use the following <code>percentEncode</code> method to implement this algorithm.</p> <pre data-bbox="895 1211 1433 1626"> private static final String ENCODING = "UTF-8"; private static String percentEncode(String value) throws UnsupportedOperationException { return value != null ? URLEncoder.encode(value, ENCODING).replace("+", "% 20").replace("*", "%2A"). replace("%7E", "~") : null; } </pre>

- C. Associate the encoded parameters with their encoded values separately by using equal signs (=).
- D. Sort the parameter name and value pairs in the order specified in Step 1.1. 1. and connect the pairs with ampersands (&) to produce the canonicalized query string.

- b. Use the canonicalized query string to construct the string for signature calculation based on the following rules:

```
StringToSign=
  HTTPMethod + '&' +
  percentEncode("/") + "&" +
  percentEncode(CanonicalizedQueryString)
```

where:

- HTTPMethod **indicates the HTTP method used to make the request, for example, GET.**
- percentEncode("/") **is the encoded backslashes (/), namely %2F, according to the URL encoding rule described in Step 1.1.2.**
- percentEncode(CanonicalizedQueryString) **encodes the canonicalized query string based on the URL encoding rule described in Step 1.1.2.**

2. Obtain the signature.

- a. Calculate the RFC 2104-compliant HMAC value of the string-to-sign.



Note:

The key used for signature calculation is the combination of your AccessKey secret and an ampersand (&) (ASCII code 38) that follows the secret. The algorithm used to calculate your signature is HMAC-SHA1.

- b. Encode the HMAC into a string based on the Base64 encoding rules. This encoded string is the signature.
- c. Add the signature string to the request as the Signature parameter.



Note:

When the obtained signature value is submitted as the last parameter value, you need to encode the parameter in the same way as other parameters by following the [RFC3986](#) rule.

Example

Take the DescribeRegions API as an example. Suppose the AccessKey Id parameter value is testid and the AccessKey Secret parameter is testsecret. Before the request is signed, its URL is as follows:

```
http://ecs.aliyuncs.com/?Timestamp=2016-02-23T12:46:24Z&Format=XML&
AccessKeyId=testid&Action=DescribeRegions&SignatureMethod=HMAC-SHA1&
```

```
SignatureNonce=3ee8c1b8-83d3-44af-a94f-4e0ad82fd6cf&Version=2014-05-26  
&SignatureVersion=1.0
```

The signature string calculated by using testsecret& is as follows:

```
0LeaidS1JvxuMvnyH0wuJ+uX5qY=
```

Add the Signature parameter to the request and set the value to the calculated signature string. Then the URL of the signed request is as follows:

```
http://ecs.aliyuncs.com/?SignatureVersion=1.0&Action=DescribeRegions&  
Format=XML&SignatureNonce=3ee8c1b8-83d3-44af-a94f-4e0ad82fd6cf&Version  
=2014-05-26&AccessKeyId=testid&Signature=0LeaidS1JvxuMvnyH0wuJ+uX5qY=&  
SignatureMethod=HMAC-SHA1&Timestamp=2016-02-23T12%3A46%3A24Z
```

4 Common parameters

This topic describes the request parameters and response parameters that each operation uses.

Common request parameters

Table 4-1: Common request parameters

Parameter	Type	Required	Description
Format	String	No	The format in which data is returned. Valid values: JSON and XML. The default value is XML.
Version	String	Yes	The version number of the API, in the format of YYYY-MM-DD. For example, 2018-12-01.
AccessKeyId	String	Yes	The AccessKey ID provided to you by Alibaba Cloud.
Signature	String	Yes	The signature string in the API request.
SignatureMethod	String	Yes	The encryption method of the signature string. Valid value: HMAC-SHA1.
Timestamp	String	Yes	The timestamp of the request. This parameter specifies the UTC time in the ISO 8601 standard, formatted in YYYY-MM-DDThh:mm:ssZ. for example, 2013-01-10T12:00:00Z.
SignatureVersion	String	Yes	The version of the signature encryption algorithm. Valid value: 1.0.
SignatureNonce	String	Yes	A unique and random number used to prevent replay attacks. You must use different numbers for multiple requests.
ResourceOwnerAccount	String	No	The account that owns the resource to be accessed through this API request.

Examples

```
http(s)://[Endpoint]/? Action=GetInstance
&InstanceId=cricri-xkx6vujuhay0tasd
&TimeStamp=2014-05-19T10%3A33%3A56Z
&Format=xml
&AccessKeyId=testid
&SignatureMethod=Hmac-SHA1
&SignatureNonce=NwDaxvLU6tFE0DVb
&Version=2018-12-01
&SignatureVersion=1.0
&Signature=Signature
```

Common response parameters

All Alibaba Cloud API responses use a unified format, either the JSON format or XML format. You can specify the response format when you make the request. The default response format is XML. Every response includes a unique RequestId regardless of whether the call is successful.

- **API responses contain a HTTP status code. A 2xx status code indicates a successful call.**
- **A 4xx or 5xx status code indicates a failed call.**

The following are sample responses:

- **XML format**

```
<? xml version="1.0" encoding="utf-8"? >
  [DO NOT TRANSLATE]
  <Response data>
    [DO NOT TRANSLATE]
    <RequestId>4C467B38-3910-447D-87BC-AC049166F216</RequestId>
    [DO NOT TRANSLATE]
  </Response data>
```

- **JSON format**

```
{
  "RequestId": "4C467B38-3910-447D-87BC-AC049166F216",
  /*Response data*/
}
```


5 RAM user authentication

Before you use a RAM user to call the Container Registry Enterprise Edition API, you must grant the RAM user corresponding permissions by using your Alibaba Cloud account. In the policy, you need to use an Alibaba Cloud Resource Name (ARN) to specify the resource that you want the RAM user to access.

Authentication rules of Container Registry

- **Resource description**

The following table lists the descriptions of resources when you use RAM to authorize access to these resources.

Resource	Resource description in authorization policies
*	acs:cr:\$regionid:\$accountid:*
instance	acs:cr:\$regionid:\$accountid:instance/\$instanceid
repository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/* acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename/* acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename/\$repositoryname acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename

Resource	Resource description in authorization policies
chart	<p>acs:cr:\$regionid:\$accountid:chart/\$instanceid/*</p> <p>acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/*</p> <p>acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace</p> <p>acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/
\$chartrepositoryname</p>

The following table describes the parameters in resource descriptions.

Parameter	Description
\$regionid	The ID of the region, which can be replaced by an asterisk (*).
\$accountid	The ID of the Alibaba Cloud account, which can be replaced by an asterisk (*).
\$instanceid	The ID of the Container Registry Enterprise Edition instance.
\$namespace	The name of the namespace.
\$repositoryname	The name of the repository.
\$chartnamespace	The name of the chart namespace.
\$chartrepositoryname	The name of the chart repository.

- Authentication rules

API operation	Authenticated action	Authenticated resource
GetAuthorizationToken	cr:GetAuthorizationToken	*
GetChartNamespace	cr:GetNamespace	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace

API operation	Authenticated action	Authenticated resource
GetChartRepository	cr:GetRepository	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespacename/\$chartrepositoryname
GetInstance	cr:GetInstance	acs:cr:\$regionid:\$accountid:instance/\$instanceid
GetInstanceCount	cr:ListInstance	*
GetInstanceEndpoint	cr:GetInstanceEndpoint	acs:cr:\$regionid:\$accountid:instance/\$instanceid
GetInstanceUsage	cr:GetInstanceUsage	acs:cr:\$regionid:\$accountid:instance/\$instanceid
GetInstanceVpcEndpoint	cr:GetInstanceVpcEndpoint	acs:cr:\$regionid:\$accountid:instance/\$instanceid
GetNamespace	cr:GetNamespace	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename
GetRepoBuildRecord	cr:GetRepositoryBuildRecord	acs:cr:\$regionid:\$accountid:repository/\$instanceid
GetRepoBuildRecordStatus	cr:GetBuildRepositoryStatus	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename/\$repositoryname
GetRepoSyncTask	cr:GetRepositorySync	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename/\$repositoryname
GetRepoTagLayers	cr:GetRepositoryLayers	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespacename/\$repositoryname

API operation	Authenticated action	Authenticated resource
GetRepoTagManifest	cr:GetRepositoryManifest	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
GetRepoTagScanTask	cr:GetScan	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
GetRepository	cr:GetRepository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListChartNamespace	cr:ListNamespace	acs:cr:\$regionid:\$accountid:chart/\$instanceid/*
ListChartRelease	cr:ListChartRelease	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/\$chartrepositoryname
ListChartRepository	cr:ListRepository	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/*
ListInstance	cr:ListInstance	*
ListInstanceEndpoint	cr:ListInstanceEndpoint	acs:cr:\$regionid:\$accountid:repository/\$instanceid
ListNamespace	cr:ListNamespace	acs:cr:\$regionid:\$accountid:repository/\$instanceid/*
ListRepoBuildRecord	cr:ListRepositoryBuild	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname

API operation	Authenticated action	Authenticated resource
ListRepoBuildRecordLog	cr:GetRepositoryBuildLog	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoBuildRule	cr:ListRepositoryBuildRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoSyncRule	cr:ListSyncRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoSyncTask	cr:GetRepositorySync	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoTag	cr:ListRepositoryTag	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoTrigger	cr:ListWebHook	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoTriggerLog	cr:GetWebHookLog	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepoTriggerRecord	cr:GetWebHookLog	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
ListRepository	cr:ListRepository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname/*

API operation	Authenticated action	Authenticated resource
CancelRepoBuildRecord	cr:CancelBuildRepository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
CreateBuildRecordByRule	cr:BuildRepositoryByRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
CreateChartNamespace	cr:CreateNamespace	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace
CreateInstanceEndpointAclPolicy	cr:CreateInstanceEndpointAclPolicy	acs:cr:\$regionid:\$accountid:instance/\$instanceid
CreateInstanceVpcEndpointLinkedVpc	cr:CreateInstanceVpcEndpointLinkedVpc	acs:cr:\$regionid:\$accountid:instance/\$instanceid
CreateNamespace	cr:CreateNamespace	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace
CreateRepoBuildRule	cr:CreateRepositoryBuildRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
CreateRepoSyncRule	cr:CreateSyncRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
CreateRepoSyncTaskByRule	cr:CreateRepositorySync	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
CreateRepoTrigger	cr:CreateWebHook	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname

API operation	Authenticated action	Authenticated resource
CreateRepository	cr:CreateRepository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
DeleteChartNamespace	cr>DeleteNamespace	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace
DeleteChartRelease	cr>DeleteChartRelease	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/\$chartrepositoryname
DeleteChartRepository	cr>DeleteRepository	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/\$chartrepositoryname
DeleteInstanceEndpointAclPolicy	cr>DeleteInstanceEndpointAclPolicy	acs:cr:\$regionid:\$accountid:instance/\$instanceid
DeleteInstanceVpcEndpointLinkedVpc	cr>DeleteInstanceVpcEndpointLinkedVpc	acs:cr:\$regionid:\$accountid:instance/\$instanceid
DeleteNamespace	cr>DeleteNamespace	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace
DeleteRepoBuildRule	cr>DeleteRepositoryBuildRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
DeleteRepoSyncRule	cr>DeleteSyncRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname

API operation	Authenticated action	Authenticated resource
DeleteRepoTag	cr>DeleteRepositoryTag	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
DeleteRepoTrigger	cr>DeleteWebHook	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
DeleteRepository	cr>DeleteRepository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
UpdateChartNamespace	cr:UpdateNamespace	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace
UpdateChartRepository	cr:UpdateRepository	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace/\$chartrepositoryname
UpdateInstanceEndpointStatus	cr:UpdateInstanceEndpointStatus	acs:cr:\$regionid:\$accountid:instance/\$instanceid
UpdateNamespace	cr:UpdateNamespace	acs:cr:\$regionid:\$accountid:chart/\$instanceid/\$chartnamespace
UpdateRepoBuildRule	cr:UpdateRepositoryBuildRule	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname
UpdateRepoTrigger	cr:UpdateWebHook	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname

API operation	Authenticated action	Authenticated resource
UpdateRepository	cr:UpdateRepository	acs:cr:\$regionid:\$accountid:repository/\$instanceid/\$namespace/\$repositoryname

6 Obtain an AccessKey pair

This topic describes how to create an AccessKey pair for your Alibaba Cloud account or RAM user. When you call API operations, you must use the AccessKey pair to verify your identity.

Context

An AccessKey pair includes an AccessKey ID and AccessKey secret.

- The AccessKey ID is used to verify the identity of a user.
- The AccessKey secret is used to encrypt and verify the signature string. You must keep your AccessKey secret strictly confidential.



Warning:

If the AccessKey pair of your Alibaba Cloud account is disclosed, the security of your resources are under threat. We recommend that you use a RAM user to call API operations. This reduces the risk of disclosing the AccessKey information of your Alibaba Cloud account.

Procedure

1. Log on to the [Alibaba Cloud console](#).
2. Move the point over the profile picture in the upper-right corner of the page, and click AccessKey.
3. In the Security Tips dialog box that appears, click Continue to manage AccessKey or Get Started with Sub Users' AccessKey.

4. Obtain the AccessKey pair of an account.

- **Obtain the AccessKey pair of your Alibaba Cloud account.**
 - a. **Click Continue to manage AccessKey.**
 - b. **On the Security Management page, click Create AccessKey.**
 - c. **On the Phone Verification dialog box that appears, click Send verification code, enter the code obtained in the Verification code field, and then click OK.**
 - d. **In the Create User AccessKey dialog box that appears, show AccessKey Details to view the AccessKey ID and AccessKey secret. Click Save AccessKey Information.**

- **Create a RAM user and obtain the AccessKey pair.**
 - a. **Click Get started with the sub-user AccessKey.**
 - b. **Go to the [RAM console](#) and create a RAM user on the Create User page. Skip this step if you have created a RAM user.**
 - c. **Go to the [RAM console](#) and in the left-side navigation pane, choose Identities > Users.**
 - d. **Find the target RAM user and click the user logon name. Then, click the Authentication tab. In the User AccessKeys section, click Create AccessKey.**
 - e. **On the Phone Verification dialog box that appears, click Send verification code, enter the code obtained in the Verification code field, and then click OK.**
 - f. **On the Create AccessKey dialog box that appears, view the AccessKey ID and AccessKey secret. To download or copy the AccessKey pair, click Download CSV File or Copy.**

7 Instance management

7.1 GetInstance

Queries the information of an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetInstance	The operation that you want to perform. Set the value to GetInstance.
InstanceId	String	Yes	cri-xkx6vujuha y0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	6EF34B18-4228 -470C-860C- D28597CF010E	The ID of the request.
InstanceName	String	shanghai- instance1	The name of the instance.

Parameter	Type	Example	Description
InstanceSpecification	String	Enterprise_Basic	The specification of the instance.
InstanceStatus	String	RUNNING	The status of the instance.
CreateTime	Long	1571926439000	The time when the instance was created.
ModifiedTime	Long	1571926560000	The time when the instance was modified.
InstanceId	String	cri-xkx6vujuhay0tasd	The ID of the instance.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetInstance
&InstanceId=cri-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "InstanceName": "shanghai-instance1",
  "IsSuccess": true,
  "RequestId": "6EF34B18-4228-470C-860C-D28597CF010E",
  "ModifiedTime": 1571926560000,
  "InstanceSpecification": "Enterprise_Basic",
  "InstanceId": "cri-xkx6vujuhay0tasd",
  "InstanceStatus": "RUNNING",
  "CreateTime": 1571926439000,
  "Code": "success"
}
```

XML format

```
<InstanceName>shanghai-instance1</InstanceName>
<IsSuccess>>true</IsSuccess>
<RequestId>6EF34B18-4228-470C-860C-D28597CF010E</RequestId>
<ModifiedTime>1571926560000</ModifiedTime>
<InstanceSpecification>Enterprise_Basic</InstanceSpecification>
<InstanceId>cri-xkx6vujuhay0tasd</InstanceId>
<InstanceStatus>RUNNING</InstanceStatus>
<CreateTime>1571926439000</CreateTime>
```

```
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

7.2 GetInstanceUsage

Queries the quota usage of an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetInstanceUsage	The operation that you want to perform. Set the value to GetInstanceUsage.
InstanceId	String	Yes	cri-xkx6vjuhu0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	A726E801-7FCF-43F9-AF1C-51B3E65D3E7A	The ID of the request.

Parameter	Type	Example	Description
NamespaceQuota	String	100	The quota of namespaces for the instance.
NamespaceUsage	String	4	The number of namespaces created in the instance.
RepoQuota	String	1000	The quota of repositories for the instance.
RepoUsage	String	2	The number of repositories created in the instance.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetInstanceUsage
&InstanceId=cni-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RepoQuota":1000,
  "RequestId":"A726E801-7FCF-43F9-AF1C-51B3E65D3E7A",
  "RepoUsage":2,
  "NamespaceQuota":100,
  "NamespaceUsage":4,
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RepoQuota>1000</RepoQuota>
<RequestId>A726E801-7FCF-43F9-AF1C-51B3E65D3E7A</RequestId>
<RepoUsage>2</RepoUsage>
<NamespaceQuota>100</NamespaceQuota>
<NamespaceUsage>4</NamespaceUsage>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

7.3 ListInstanceRegion

Queries regions where you can create instances.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListInstanceRegion	The operation that you want to perform. Set the value to ListInstanceRegion.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance can reside.
Lang	String	No	zh-CN	The language in which the region names are returned.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	11F182E1-0F84-4F5B-8D3B-61E991482727	The ID of the request.
Regions	Array		A list of regions that where you can create an instance.
RegionId	String	cn-shenzhen	The ID of the region.

Parameter	Type	Example	Description
LocalName	String	China (Shenzhen)	The name of the region.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListInstanceRegion
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"11F182E1-0F84-4F5B-8D3B-61E991482727",
  "Regions":[
    {
      "RegionId":"cn-shenzhen",
      "LocalName": "China (Shenzhen)"
    }
  ],
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>11F182E1-0F84-4F5B-8D3B-61E991482727</RequestId>
<Regions>
  <RegionId>cn-shenzhen</RegionId>
  <LocalName>China (Shenzhen)</LocalName>
</Regions>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

7.4 ListInstance

Queries instances.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListInstance	The operation that you want to perform. Set the value to ListInstance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
InstanceName	String	No	test	The name of the instance.
InstanceStatus	String	No	running	The status of an instance . Valid values: PENDING, INIT_ERROR, STARTING, RUNNING, STOPPING, STOPPED, DELETING, and DELETED.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	A2A9BA68-B264-4953-9154-CE61B1C03BA6	The ID of the request.
PageNo	Integer	1	The page number of the returned page.

Parameter	Type	Example	Description
PageSize	Integer	30	The number of entries returned per page.
Instances	Array		A list of instances.
InstanceId	String	cri-sgedpenzw80e3m3p	The ID of the instance.
InstanceName	String	test	The name of the instance.
InstanceSpecification	String	Enterprise_Basic	The specification of the instance.
InstanceStatus	String	RUNNING	The status of the instance.
CreateTime	String	1562849679000	The time when the instance was created.
ModifiedTime	String	1562849760000	The time when the instance was last modified.
RegionId	String	cn-shanghai	The ID of the region where the instance resides.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListInstance
&RegionId=cn-shanghai
&PageNo=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "Instances": [
    {
      "InstanceName": "test",
      "ModifiedTime": 1562849760000,
      "InstanceSpecification": "Enterprise_Basic",
      "InstanceId": "cri-sgedpenzw80e3m3p",
      "InstanceStatus": "RUNNING",
```

```
        "CreateTime":1562849679000,  
        "RegionId":"cn-shanghai"  
    }  
  ],  
  "IsSuccess":true,  
  "PageSize":30,  
  "RequestId":"A2A9BA68-B264-4953-9154-CE61B1C03BA6",  
  "PageNo":1,  
  "Code":"success"  
}
```

XML format

```
<Instances>  
  <InstanceName>test</InstanceName>  
  <ModifiedTime>1562849760000</ModifiedTime>  
  <InstanceSpecification>Enterprise_Basic</InstanceSpecification>  
  <InstanceId>cri-sgedpenzw80e3m3p</InstanceId>  
  <InstanceStatus>RUNNING</InstanceStatus>  
  <CreateTime>1562849679000</CreateTime>  
  <RegionId>cn-shanghai</RegionId>  
</Instances>  
<IsSuccess>true</IsSuccess>  
<PageSize>30</PageSize>  
<RequestId>A2A9BA68-B264-4953-9154-CE61B1C03BA6</RequestId>  
<PageNo>1</PageNo>  
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8 Instance access control management

8.1 CreateInstanceVpcEndpointLinkedVpc

Associates a VPC with an instance to allow access from the VPC to the instance.

You can associate up to three VPCs with an instance by default. To associate more VPCs with an instance, submit a ticket.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateInstanceVpcEndpointLinkedVpc	The operation that you want to perform. Set the value to CreateInstanceVpcEndpointLinkedVpc.
InstanceId	String	Yes	cri-xkx6vujuhay0tpgo	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
VpcId	String	Yes	vpc-uf6pa68zxn nlc48dd3iaa	The ID of the VPC.
VswitchId	String	Yes	vsw-uf6u0kn8x2gbzxfn2jvad	The ID of the VSwitch.
ModuleName	String	No	Registry	The name of the module in the instance. Valid values: Registry and Chart.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	D4978DCC-ECBD-40B0-A714-EE6959B22C77	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateInstanceVpcEndpointLinkedVpc
&InstanceId=cni-xkx6vujuhay0tpgo
&RegionId=cn-shanghai
&VpcId=vpc-uf6pa68zxnnlc48dd3iaa
&VswitchId=vsw-uf6u0kn8x2gbzxfn2jvad
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess":true,
  "RequestId":"D4978DCC-ECBD-40B0-A714-EE6959B22C77",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>D4978DCC-ECBD-40B0-A714-EE6959B22C77</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.2 GetInstanceEndpoint

Queries an endpoint of an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetInstanceEndpoint	The operation that you want to perform. Set the value to GetInstanceEndpoint.
EndpointType	String	Yes	internet	The type of the endpoint. Valid values: Internet and VPC.
InstanceId	String	Yes	cri-xkx6vujuhay0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
ModuleName	String	No	Registry	The name of the module in the instance. Valid values: Registry and Chart.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.

Parameter	Type	Example	Description
RequestId	String	8F3D5EC5-39D1-4C53-A198-48C54C658FA3	The ID of the request.
Enable	Boolean	true	Indicates whether the endpoint is enabled.
AclEnable	Boolean	true	Indicates whether access control to the instance from the endpoint is enabled. This parameter is returned only when the type of the endpoint is Internet.
Status	String	RUNNING	The status of the endpoint. This parameter is returned only when the type of the endpoint is Internet .
Domains	Array		A list of domain names of the instance.
Domain	String	shanghai-instance1-registry.cn-shanghai.cr.aliyuncs.com	
Type	String	SYSTEM	
AclEntries	Array		A list of access control entries configured for the instance. This parameter is returned only when the type of the endpoint is Internet .
Entry	String	192.168.1.0/24	
Comment	String	1	

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetInstanceEndpoint
&EndpointType=internet
&InstanceId=cni-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "Status":"RUNNING",
  "Domains": [
    {
      "Type":"SYSTEM",
      "Domain":"shanghai-instance1-registry.cn-shanghai.cr.
aliyuncs.com"
    }
  ],
  "AclEntries":[
    {
      "Comment":"1",
      "Entry":"192.168.1.0/24"
    }
  ],
  "IsSuccess":true,
  "AclEnable":true,
  "RequestId":"8F3D5EC5-39D1-4C53-A198-48C54C658FA3",
  "Enable":true,
  "Code":"success"
}
```

XML format

```
<Status>RUNNING</Status>
<Domains>
  <Type>SYSTEM</Type>
  <Domain>shanghai-instance1-registry.cn-shanghai.cr.aliyuncs.com</
Domain>
</Domains>
<AclEntries>
  <Comment>1</Comment>
  <Entry>192.168.1.0/24</Entry>
</AclEntries>
<IsSuccess>true</IsSuccess>
<AclEnable>true</AclEnable>
<RequestId>8F3D5EC5-39D1-4C53-A198-48C54C658FA3</RequestId>
<Enable>true</Enable>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.3 UpdateInstanceEndpointStatus

Updates the status of an endpoint.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateInstanceEndpointStatus	The operation that you want to perform. Set the value to UpdateInstanceEndpointStatus.
Enable	Boolean	Yes	false	Indicates whether the Internet endpoint is enabled.
EndpointType	String	Yes	internet	The type of the endpoint. Valid value: Internet.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
ModuleName	String	No	Chart	The name of the module in the instance.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.

Parameter	Type	Example	Description
Code	String	success	The code returned for the request.
RequestId	String	2FC14396-A16A-42BA-AAE4-BB94D956DF09	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateInstanceEndpointStatus
&Enable=false
&EndpointType=internet
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"2FC14396-A16A-42BA-AAE4-BB94D956DF09",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>2FC14396-A16A-42BA-AAE4-BB94D956DF09</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.4 DeleteInstanceEndpointAclPolicy

Deletes an access control entry to control access from the Internet to an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteInstanceEndpointAclPolicy	The operation that you want to perform. Set the value to DeleteInstanceEndpointAclPolicy.
EndpointType	String	Yes	internet	The type of the endpoint.
Entry	String	Yes	127.0.0.1/32	The IP address range that is allowed to access the instance.
InstanceId	String	Yes	cri-xkx6vujuhay0txsa	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
ModuleName	String	No	Chart	The name of the module in the instance. Valid values: Registry and Chart.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	BDB1F145-F0FF-44E9-AADF-A678642A7C7D	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteInstanceEndpointAclPolicy
&EndpointType=internet
```

```
&Entry=127.0.0.1/32
&InstanceId=cri-xkx6vujuhay0txsa
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess": true,
  "RequestId": "BDB1F145-F0FF-44E9-AADF-A678642A7C7D",
  "Code": "success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>BDB1F145-F0FF-44E9-AADF-A678642A7C7D</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.5 CreateInstanceEndpointAclPolicy

Adds an access control entry to control access from the Internet to an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateInstanceEndpointAclPolicy	The operation that you want to perform. Set the value to CreateInstanceEndpointAclPolicy.
EndpointType	String	Yes	internet	The type of the endpoint.
Entry	String	Yes	192.168.1.1/32	The IP address range that is allowed to access the instance.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-xkx6vujuhay0t1qw	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
Comment	String	No	test	The description of the entry.
ModuleName	String	No	Registry	The name of the module in the instance for which a whitelist is configured. Valid values: Registry and Chart.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	D735C5EC-4206-4F48-A090-307BF56BEB99	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateInstanceEndpointAclPolicy
&EndpointType=internet
&Entry=192.168.1.1/32
&InstanceId=cri-xkx6vujuhay0t1qw
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"D735C5EC-4206-4F48-A090-307BF56BEB99",
```

```
"Code": "success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>D735C5EC-4206-4F48-A090-307BF56BEB99</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.6 DeleteInstanceVpcEndpointLinkedVpc

Disassociates a VPC from an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteInstanceVpcEndpointLinkedVpc	The operation that you want to perform. Set the value to DeleteInstanceVpcEndpointLinkedVpc.
InstanceId	String	Yes	cri-xkx6vujuhay0txas	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
VpcId	String	Yes	vpc-uf6pa68zxn nlc48dd3qwe	The ID of the VPC.
VswitchId	String	Yes	vpc-uf6pa68zxn nlc48dd3asd	The ID of the VSwitch.

Parameter	Type	Required	Example	Description
ModuleName	String	No	Chart	The name of the module in the instance. Valid values: Registry and Chart.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	true	The code returned for the request.
RequestId	String	20FE7A66-0044-4E23-BBEC-C434EADBD7AF	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteInstanceVpcEndpointLinkedVpc
&InstanceId=cni-xkx6vujuhay0txas
&RegionId=cn-shanghai
&VpcId=vpc-uf6pa68zxnnlc48dd3qwe
&VswitchId=vpc-uf6pa68zxnnlc48dd3asd
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"20FE7A66-0044-4E23-BBEC-C434EADBD7AF",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>20FE7A66-0044-4E23-BBEC-C434EADBD7AF</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.7 ListInstanceEndpoint

Queries endpoints of an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListInstanceEndpoint	The operation that you want to perform. Set the value to ListInstanceEndpoint.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
ModuleName	String	No	Chart	The name of the module in the instance.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	1B21A877-66A2-4095-90EB-20A7781A4A67	The ID of the request.
Endpoints	Array		A list of endpoints of the instance.

Parameter	Type	Example	Description
EndpointType	String	internet	The type of the endpoint.
Enable	Boolean	true	Indicates whether the endpoint is enabled.
AclEnable	Boolean	true	Indicates whether the access control is enabled. This parameter is returned only when the endpoint type is Internet.
Status	String	RUNNING	The status of the endpoint. This parameter is returned only when the endpoint type is Internet.
Domains	Array		A list of domain names of the instance.
Domain	String	test-registry.cn -shanghai.cr. aliyuncs.com	The domain name of the instance.
Type	String	SYSTEM	The type of the domain name.
LinkedVpcs	Array		A list of VPCs associated with the instance.
VpcId	String	null	The ID of the VPC.
AclEntries	Array		A list of access control entries configured for the instance. This parameter is returned only when the endpoint type is Internet.
Entry	String	null	The information about the access control entry configured for the instance.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListInstanceEndpoint
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "Endpoints": [
    {
      "Status": "RUNNING",
      "Domains": [
        {
          "Type": "SYSTEM",
          "Domain": "test-registry.cn-shanghai.cr.aliyuncs.
com"
        }
      ],
      "AclEntries": [],
      "AclEnable": true,
      "EndpointType": "internet",
      "Enable": true
    }
  ],
  "IsSuccess": true,
  "RequestId": "1B21A877-66A2-4095-90EB-20A7781A4A67",
  "Code": "success"
}
```

XML format

```
<Endpoints>
  <Status>RUNNING</Status>
  <Domains>
    <Type>SYSTEM</Type>
    <Domain>acr-test-registry.cn-shanghai.cr.aliyuncs.com</Domain>
  </Domains>
  <AclEnable>true</AclEnable>
  <EndpointType>internet</EndpointType>
  <Enable>true</Enable>
</Endpoints>
<IsSuccess>true</IsSuccess>
<RequestId>1B21A877-66A2-4095-90EB-20A7781A4A67</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

8.8 GetInstanceVpcEndpoint

Retrieves a VPC associated with an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetInstanceVpcEndpoint	The operation that you want to perform. Set the value to GetInstanceVpcEndpoint.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
ModuleName	String	No	chart	The name of the module in the instance.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	BAE9349D-A587-4F9A-B574-9DA0EF2638D1	The ID of the request.
[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]

Parameter	Type	Example	Description
LinkedVpcs	Array		A list of VPCs associated with the instance.
VpcId	String	vpc-uf6aamu2nomfr1thdmovq	The ID of the VPC.
VswitchId	String	vsw-uf62m5vmxl2e72dk7rsd5	The ID of the VSwitch.
Ip	String	null	The IP address of the instance resolved in the VPC.
DefaultAccess	Boolean	false	Indicates whether the default policy is used to access the instance.
Status	String	CREATING	The association status of the VPC.
[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetInstanceVpcEndpoint
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&ModuleName=chart
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"BAE9349D-A587-4F9A-B574-9DA0EF2638D1",
  "Enable":true,
  "LinkedVpcs":[
    {
      "Status":"CREATING",
      "VpcId":"vpc-uf6aamu2nomfr1thdmovq",
      "DefaultAccess":false,
      "VswitchId":"vsw-uf62m5vmxl2e72dk7rsd5"
    }
  ]
}
```

```
  ],  
  "Code": "success"  
}
```

XML format

```
<IsSuccess>true</IsSuccess>  
<RequestId>BAE9349D-A587-4F9A-B574-9DA0EF2638D1</RequestId>  
<Enable>true</Enable>  
<LinkedVpcs>  
  <Status>CREATING</Status>  
  <VpcId>vpc-uf6aamu2nomfr1thdmovq</VpcId>  
  <DefaultAccess>>false</DefaultAccess>  
  <VswitchId>vsw-uf62m5vmxl2e72dk7rsd5</VswitchId>  
</LinkedVpcs>  
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

9 Instance synchronization management

9.1 CreateRepoSyncTaskByRule

Creates an image synchronization task based on a manual synchronization rule.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateRepoSyncTaskByRule	The operation that you want to perform. Set the value to CreateRepoSyncTaskByRule.
InstanceId	String	Yes	cri-hpdfkc6utb aqi522	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-hnoq7j93or 3keawe	The ID of the image repository to be synchronized.
SyncRuleId	String	Yes	crsr-o8n4dijbum gqldqe	The ID of the synchronization rule.
Tag	String	Yes	1.24	The version of the image to be synchronized.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	17A4C658-AE8F-4A08-821F-EDCB5FC74EE8	The ID of the request.
SyncTaskId	String	rst-biu4u4pm4it51124	The ID of the synchronization task.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateRepoSyncTaskByRule
&InstanceId=cni-hpdfkc6utbaqi522
&RegionId=cn-shanghai
&RepoId=crr-hnoq7j93or3keawe
&SyncRuleId=crsr-o8n4dijbumgqldqe
&Tag=1.24
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess": true,
  "RequestId": "17A4C658-AE8F-4A08-821F-EDCB5FC74EE8",
  "SyncTaskId": "rst-biu4u4pm4it51124",
  "Code": "success"
}
```

XML format

```
<IsSuccess>>true</IsSuccess>
<RequestId>17A4C658-AE8F-4A08-821F-EDCB5FC74EE8</RequestId>
<SyncTaskId>rst-biu4u4pm4it61244</SyncTaskId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

9.2 CreateRepoSyncRule

Creates an image synchronization rule for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateRepoSyncRule	The operation that you want to perform. Set the value to CreateRepoSyncRule.
InstanceId	String	Yes	cri-hpdfkc6utb aqi5ab	The ID of the source instance.
NamespaceName	String	Yes	ns1	The name of the source namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the source instance resides.
RepoName	String	Yes	repo1	The name of the source repository.
SyncRuleName	String	Yes	Rule	The name of the synchronization rule.
SyncScope	String	Yes	REPO	The scope that the synchronization rule applies. Valid values : REPO and NAMESPACE.

Parameter	Type	Required	Example	Description
SyncTrigger	String	Yes	PASSIVE	The policy configured to trigger the synchronization rule. Valid values: INITIATIVE and PASSIVE.
TagFilter	String	Yes	.*	The regular expression used to filter image tags for synchronization in the source repository.
TargetInstanceId	String	Yes	cri-ibxs3piklys3sraa	The ID of the target instance.
TargetNamespaceName	String	Yes	ns1	The name of the target namespace.
TargetRegionId	String	Yes	cn-shanghai	The ID of the region where the target instance resides.
TargetRepositoryName	String	Yes	repo1	The name of the target repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	8F8A0BA6-7F06-4BAE-B147-10BD6A258BF4	The ID of the request.
SyncRuleId	String	crsr-gk5p2ns1kznsqtgk	The ID of the synchronization rule.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateRepoSyncRule
&InstanceId=cri-hpdfkc6utbaqi5ab
&NamespaceName=ns1
&RegionId=cn-shanghai
&RepoName=repo1
&SyncRuleName=rule
&SyncScope=REPO
&SyncTrigger=*
&TagFilter=. *
&TargetInstanceId=cri-ibxs3piklys3sraa
&TargetNamespaceName=ns1
&TargetRegionId=cn-shanghai
&TargetRepoName=repo1
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "SyncRuleId":"crsr-gk5p2ns1kznsqtgk",
  "RequestId":"8F8A0BA6-7F06-4BAE-B147-10BD6A258BF4",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<SyncRuleId>crsr-gk5p2ns1kznsqtgk</SyncRuleId>
<RequestId>8F8A0BA6-7F06-4BAE-B147-10BD6A258BF4</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

9.3 DeleteRepoSyncRule

Deletes an image synchronization rule for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteRepoSyncRule	The operation that you want to perform. Set the value to DeleteRepoSyncRule.
InstanceId	String	Yes	cri-hpdfkc6utbaqi5as	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
SyncRuleId	String	Yes	crsr-gk5p2ns1kznsqasd	The ID of the synchronization rule.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	72DD4198-1BB9-47A3-BC01-EAD1A6D5E173	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteRepoSyncRule
&InstanceId=cri-hpdfkc6utbaqi5as
&RegionId=cn-shanghai
&SyncRuleId=crsr-gk5p2ns1kznsqasd
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
```

```

    "RequestId": "72DD4198-1BB9-47A3-BC01-EAD1A6D5E173",
    "Code": "success"
  }

```

XML format

```

<IsSuccess>true</IsSuccess>
<RequestId>72DD4198-1BB9-47A3-BC01-EAD1A6D5E173</RequestId>
<Code>success</Code>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

9.4 UpdateRepoBuildRule

You can call this operation to update a build rule of an image repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateRepoBuildRule	The operation that you want to perform. Set the value to UpdateRepoBuildRule.
BuildRuleId	String	Yes	crbr-ly77w5i3t31fvw2z	The ID of the build rule that you want to update.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The region where the image repository is deployed.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the image repository.

Parameter	Type	Required	Example	Description
Dockerfile Location	String	No	-	The path to Dockerfile.
Dockerfile Name	String	No	Dockerfile	The name of Dockerfile.
ImageTag	String	No	v0.9.5	The version of the image.
PushName	String	No	master	The name of the push.
PushType	String	No	GIT_BRANCH	The type of the push. Valid values: GIT_TAG and GIT_BRANCH.

Response parameters

Parameter	Type	Example	Description
BuildRuleId	String	test	The ID of the build rule that was updated.
Code	String	success	The return value.
IsSuccess	Boolean	true	Indicates whether the operation is successful.
RequestId	String	4CE1F661-75DD-4EBD-A4AD-057B26834ABB	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateRepoBuildRule
&BuildRuleId=crbr-ly77w5i3t31fvw2z
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&DockerfileLocation=/
&PushType=GIT_BRANCH
&PushName=master
&ImageTag=v0.9.5
```

&<Common request parameters>

Sample success responses

XML format

```
<IsSuccess>>true</IsSuccess>
<RequestId>F5E2A1DC-F4E4-42D8-8A03-A0D23F04F568</RequestId>
<Code>success</Code>
```

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"F5E2A1DC-F4E4-42D8-8A03-A0D23F04F568",
  "Code":"success"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

9.5 ListRepoSyncTask

Queries image synchronization tasks in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListRepoSyncTask	The operation that you want to perform. Set the value to ListRepoSyncTask.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the source instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Parameter	Type	Required	Example	Description
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.
SyncRecordId	String	No	crsr-7lph66uloi6h97d8	The ID of a synchronization task record.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	7640819A-FB5B-4E25-A227-97717F621B35	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.
TotalCount	String	1	The total number of entries returned.
SyncTasks	Array		A list of synchronization tasks for the source instance.
SyncTaskId	String	rst-4kfd7fk6pohk5rzd	The ID of the synchronization task.
TaskStatus	String	SUCCESS	The status of the task.

Parameter	Type	Example	Description
TaskTrigger	String	PASSIVE	The policy applied to trigger the synchronization task.
SyncRuleId	String	crsr-7lph66uloi6h97d8	The ID of the synchronization rule.
[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]
CreateTime	Long	1572839126000	The time when the synchronization task was created.
ModifiedTime	Long	1572839133000	The time when the synchronization task was modified.
ImageFrom	Struct		The source address of the image.
RegionId	String	cn-shanghai	The ID of the region where the source instance resides.
RepoNamespaceName	String	test	The name of the source namespace.
RepoName	String	test	The name of the source repository.
ImageTag	String	v0.1	The tag of the image.
InstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the source instance.
ImageTo	Struct		The target address of the image.
RegionId	String	cn-shenzhen	The ID of the region where the target instance resides.
RepoNamespaceName	String	test	The name of the target namespace.
RepoName	String	test	The name of the target repository.
ImageTag	String	v0.1	The tag of the image.

Parameter	Type	Example	Description
InstanceId	String	cri-k77rd2eo9z ttneqo	The ID of the target instance.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepoSyncTask
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&PageNo=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "TotalCount":1,
  "PageSize":30,
  "RequestId":"7640819A-FB5B-4E25-A227-97717F621B35",
  "PageNo":1,
  "SyncTasks":[
    {
      "ImageFrom":
      {
        "RepoNamespaceName":"test",
        "ImageTag":"v0.1",
        "InstanceId":"cri-kmsiwlxxdcvaduwb",
        "RepoName":"test",
        "RegionId":"cn-shanghai"
      },
      "SyncRuleId":"crsr-7lph66uloi6h97d8",
      "TaskTrigger":"PASSIVE",
      "CreateTime":1572839126000,
      "ImageTo":{
        "RepoNamespaceName":"test",
        "ImageTag":"v0.1",
        "InstanceId":"cri-k77rd2eo9zttneqo",
        "RepoName":"test",
        "RegionId":"cn-shenzhen"
      },
      "SyncBatchTaskId":"15DEEB56-9271-4FDD-AC4D-C3A5CC2C0BE9",
      "TaskStatus":"SUCCESS",
      "ModifedTime":1572839133000,
      "SyncTaskId":"rst-4kfd7fk6pohk5rzd"
    }
  ],
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
```

```

<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>7640819A-FB5B-4E25-A227-97717F621B35</RequestId>
<PageNo>1</PageNo>
<SyncTasks>
  <ImageFrom>
    <RepoNamespaceName>test</RepoNamespaceName>
    <ImageTag>v0.1</ImageTag>
    <InstanceId>cri-kmsiwlxxdcvaduwb</InstanceId>
    <RepoName>test</RepoName>
    <RegionId>cn-shanghai</RegionId>
  </ImageFrom>
  <SyncRuleId>crsr-7lph66uloi6h97d8</SyncRuleId>
  <TaskTrigger>PASSIVE</TaskTrigger>
  <CreateTime>1572839126000</CreateTime>
  <ImageTo>
    <RepoNamespaceName>test</RepoNamespaceName>
    <ImageTag>v0.1</ImageTag>
    <InstanceId>cri-k77rd2eo9zttneqo</InstanceId>
    <RepoName>test</RepoName>
    <RegionId>cn-shenzhen</RegionId>
  </ImageTo>
  <SyncBatchTaskId>15DEEB56-9271-4FDD-AC4D-C3A5CC2C0BE9</SyncBatchTaskId>
  <TaskStatus>SUCCESS</TaskStatus>
  <ModifedTime>1572839133000</ModifedTime>
  <SyncTaskId>rst-4kfd7fk6pohk5rzd</SyncTaskId>
</SyncTasks>
<Code>success</Code>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

9.6 ListRepoSyncRule

Queries image synchronization rules created for an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListRepoSyncRule	The operation that you want to perform. Set the value to ListRepoSyncRule.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the source instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the source instance resides.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.
NamespaceName	String	No	test-namespace	The name of the namespace to which the source repository belongs.
RepoName	String	No	test-repo	The name of the source repository.
TargetInstanceId	String	No	cri-k77rd2eo9zttneqo	The ID of the target instance.
TargetRegionId	String	No	cn-shenzhen	The ID of the region where the target instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	838D1602-6D8F-47FB-B60A-656645D274FB	The ID of the request.

Parameter	Type	Example	Description
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.
TotalCount	Integer	1	The total number of entries returned.
SyncRules	Array		A list of synchronization rules.
SyncRuleId	String	crsr-7lph66uloi6h97d8	The ID of the synchronization rule.
LocalRegionId	String	cn-shanghai	The ID of the region where the source instance resides.
LocalInstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the source instance.
LocalNamespaceName	String	test	The name of the source namespace.
LocalRepositoryName	String	test-repo-local	The name of the source repository.
TargetRegionId	String	cn-shenzhen	The ID of the region where the target instance resides.
TargetInstanceId	String	cri-k77rd2eo9zttneqo	The ID of the target instance.
TargetNamespaceName	String	test	The name of the target namespace.
TargetRepositoryName	String	test-repo-target	The name of the target repository.
TagFilter	String	.*	The regular expression used to filter image tags for synchronization in the source repository.

Parameter	Type	Example	Description
SyncScope	String	NAMESPACE	The scope that the synchronization rule applies. Valid values: NAMESPACE and REPO.
SyncDirection	String	FROM	Indicates the source and target address configured for the synchronization rule.
CreateTime	Long	1572604642000	The time when the synchronization rule was created.
ModifiedTime	Long	1572604642000	The time when the synchronization rule was modified.
SyncRuleName	String	sync-rule-1	The name of the synchronization rule.
SyncTrigger	String	PASSIVE	The policy applied to trigger the synchronization rule.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepoSyncRule
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&PageNo=1
&PageSize=30
&TargetInstanceId=cri-k77rd2eo9zttneqo
&TargetRegionId=cn-shenzhen
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "TotalCount":1,
  "PageSize":30,
  "RequestId":"77FEAA2E-3007-4A15-AD64-FF0DA0365FD3",
  "SyncRules":[
    {
      "LocalInstanceId":"cri-kmsiwlxxdcvaduwb",
```

```

        "SyncScope":"NAMESPACE",
        "TagFilter": ". *",
        "CreateTime":1572604642000,
        "TargetInstanceId":"cri-k77rd2eo9zttneqo",
        "SyncDirection":"FROM",
        "SyncRuleName":"sync-rule-1",
        "SyncRuleId":"crsr-7lph66uloi6h97d8",
        "LocalNamespaceName":"test",
        "ModifiedTime":1572604642000,
        "SyncTrigger":"PASSIVE",
        "TargetRegionId":"cn-shenzhen",
        "TargetNamespaceName":"test",
        "LocalRegionId":"cn-shanghai"
    },
    ],
    "PageNo":1,
    "Code":"success"
}

```

XML format

```

<IsSuccess>true</IsSuccess>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>77FEAA2E-3007-4A15-AD64-FF0DA0365FD3</RequestId>
<SyncRules>
  <LocalInstanceId>cri-kmsiwlxxdcvaduwb</LocalInstanceId>
  <SyncScope>NAMESPACE</SyncScope>
  <TagFilter>. *</TagFilter>
  <CreateTime>1572604642000</CreateTime>
  <TargetInstanceId>cri-k77rd2eo9zttneqo</TargetInstanceId>
  <SyncDirection>FROM</SyncDirection>
  <SyncRuleName>sync-rule-1</SyncRuleName>
  <SyncRuleId>crsr-7lph66uloi6h97d8</SyncRuleId>
  <LocalNamespaceName>test</LocalNamespaceName>
  <ModifiedTime>1572604642000</ModifiedTime>
  <SyncTrigger>PASSIVE</SyncTrigger>
  <TargetRegionId>cn-shenzhen</TargetRegionId>
  <TargetNamespaceName>test</TargetNamespaceName>
  <LocalRegionId>cn-shanghai</LocalRegionId>
</SyncRules>
<PageNo>1</PageNo>
<Code>success</Code>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

9.7 GetRepoSyncTask

Queries an image synchronization task in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetRepoSyncTask	The operation that you want to perform. Set the value to GetRepoSyncTask.
InstanceId	String	Yes	cri-sgedpenzw80e3m3p	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
SyncTaskId	String	Yes	rst-zxjkiv5oil6fki5j	The ID of the synchronization task.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	A6DEF8B0-5D45-46D6-867D-8C7FF0966B07	The ID of the request.
SyncTaskId	String	rst-zxjkiv5oil6fki5j	The ID of the synchronization task.
TaskStatus	String	SUCCESS	The status of the synchronization task.
TaskTrigger	String	null	The policy used to trigger the synchronization task.
SyncRuleId	String	crsr-llro6ho3wne7nk4	The ID of the synchronization rule.
[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]	[DO NOT TRANSLATE]

Parameter	Type	Example	Description
Progress	Long	1	The progress of the synchronization task.
SyncedSize	Long	23655489	The size of the image that has been synchronized.
LayerTasks	Array		Synchronization tasks for image layers.
SyncLayerTaskId	String	rslt-074x4q20fx2dv809	The ID of the synchronization task for the image layer.
TaskStatus	String	SUCCESS	The status of the synchronization task.
Digest	String	sha256: 36fb85fcb5 e919cb60e7 82397a6be0 4201868fe7 b38ef7669f c01caec1c8fc4e	The digest of the image layer.
Size	Long	23655489	The size of the image layer.
SyncedSize	Long	23655489	The size of the image layer that has been synchronized.
ImageFrom	Struct		The source address of the image.
RegionId	String	cn-shanghai	The ID of the region where the source instance resides.
RepoNamespaceName	String	test	The name of the source namespace.
RepoName	String	test	The name of the source repository.
ImageTag	String	master	The tag of the image.

Parameter	Type	Example	Description
InstanceId	String	cri-sgedpenzw80e3m3p	The ID of the source instance.
ImageTo	Struct		The target address of the image.
RegionId	String	eu-west-1	The ID of the region where the target instance resides.
RepoNamespaceName	String	test	The name of the target namespace.
RepoName	String	test	The name of the target repository.
ImageTag	String	master	The tag of the image.
InstanceId	String	cri-leqzomz5vi jc7dfa	The ID of the target instance.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetRepoSyncTask
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&SyncTaskId=rst-zxjkiv5oil6fki5j
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "ImageFrom":{
    "RepoNamespaceName":"test",
    "ImageTag":"master",
    "InstanceId":"cri-sgedpenzw80e3m3p",
    "RepoName":"test",
    "RegionId":"cn-shanghai"
  },
  "SyncRuleId":"crsr-cllro6ho3wne7nk4",
  "Progress":1.0,
  "RequestId":"A6DEF8B0-5D45-46D6-867D-8C7FF0966B07",
  "LayerTasks":[
    {
      "Digest":"sha256:36fb85fcb5e919cb60e782397a6be04201868fe7
b38ef7669fc01caec1c8fc4e",
      "Size":23655489,
      "TaskStatus":"SUCCESS",
      "SyncLayerTaskId":"rslt-074x4q20fx2dv809",
```

```

        "SyncedSize":23655489
    },
    ],
    "ImageTo":{
        "RepoNamespaceName":"test",
        "ImageTag":"master",
        "InstanceId":"cri-leqzomz5vijc7dfa",
        "RepoName":"test",
        "RegionId":"eu-west-1"
    },
    "SyncBatchTaskId":"a9434731-95ef-4087-9cf4-369c8e90a66b",
    "TaskStatus":"SUCCESS",
    "Code":"success",
    "SyncTaskId":"rst-zxjkiv5oil6fki5j",
    "SyncedSize":23655489
}

```

XML format

```

<IsSuccess>true</IsSuccess>
<ImageFrom>
  <RepoNamespaceName>test</RepoNamespaceName>
  <ImageTag>master</ImageTag>
  <InstanceId>cri-sgedpenzw80e3m3p</InstanceId>
  <RepoName>test</RepoName>
  <RegionId>cn-shanghai</RegionId>
</ImageFrom>
<SyncRuleId>crsr-cllro6ho3wne7nk4</SyncRuleId>
<Progress>1</Progress>
<RequestId>A6DEF8B0-5D45-46D6-867D-8C7FF0966B07</RequestId>
<LayerTasks>
  <Digest>sha256:36fb85fcb5e919cb60e782397a6be04201868fe7b38ef7669f
c01caec1c8fc4e</Digest>
  <Size>23655489</Size>
  <TaskStatus>SUCCESS</TaskStatus>
  <SyncLayerTaskId>rslt-074x4q20fx2dv809</SyncLayerTaskId>
  <SyncedSize>23655489</SyncedSize>
</LayerTasks>
<ImageTo>
  <RepoNamespaceName>test</RepoNamespaceName>
  <ImageTag>master</ImageTag>
  <InstanceId>cri-leqzomz5vijc7dfa</InstanceId>
  <RepoName>test</RepoName>
  <RegionId>eu-west-1</RegionId>
</ImageTo>
<SyncBatchTaskId>a9434731-95ef-4087-9cf4-369c8e90a66b</SyncBatchTaskId>
>
<TaskStatus>SUCCESS</TaskStatus>
<Code>success</Code>
<SyncTaskId>rst-zxjkiv5oil6fki5j</SyncTaskId>
<SyncedSize>23655489</SyncedSize>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

10 Image namespace management

10.1 CreateNamespace

Creates a namespace in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateName space	The operation that you want to perform. Set the value to CreateNamespace.
InstanceId	String	Yes	cri- xkx6vujuha y0tqwe	The ID of the instance.
NamespaceName	String	Yes	namespace1	The name of the namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
AutoCreateRepo	Boolean	No	true	Specifies whether to automatically create a repository when an image is pushed to the namespace.
DefaultRepositoryType	String	No	PUBLIC	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	BC648259-91A7-4502-BED3-EDF64361FA83	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateNamespace
&InstanceId=cni-xkx6vujuhay0tqwe
&NamespaceName=namespace1
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"BC648259-91A7-4502-BED3-EDF64361FA83",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>BC648259-91A7-4502-BED3-EDF64361FA83</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

10.2 DeleteNamespace

Deletes a namespace from an instance.

If you delete a namespace, all repositories in the namespace and all images in the repositories are also deleted.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteName space	The operation that you want to perform. Set the value to DeleteNamespace.
InstanceId	String	Yes	cri-xkx6vujuhay0tasd	The ID of the instance.
NamespaceName	String	Yes	ns3	The name of the namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	BA08C185-8F76-48D7-ACB3-BA11BF2778F9	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteNamespace
&InstanceId=cri-xkx6vujuhay0tasd
&NamespaceName=ns3
&RegionId=cn-shanghai
```

```
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"BA08C185-8F76-48D7-ACB3-BA11BF2778F9",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>BA08C185-8F76-48D7-ACB3-BA11BF2778F9</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

10.3 UpdateNamespace

Updates a namespace in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateName space	The operation that you want to perform. Set the value to UpdateNamespace.
InstanceId	String	Yes	cri- kmsiwlxxdc vaduwb	The ID of the instance.
NamespaceName	String	Yes	test	The name of the namespace.

Parameter	Type	Required	Example	Description
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
AutoCreateRepo	Boolean	No	true	Specifies whether to automatically create a repository when an image is pushed to the namespace.
DefaultRepositoryType	String	No	PRIVATE	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	90B8475C-C066-4B92-946E-4D0DECB514E8	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateNamespace
&InstanceId=cni-kmsiwlxxdcvaduwb
&NamespaceName=test
&RegionId=cn-shanghai
&AutoCreateRepo=true
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"90B8475C-C066-4B92-946E-4D0DECB514E8",
```



```
"Code": "success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>90B8475C-C066-4B92-946E-4D0DECB514E8</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

10.4 GetNamespace

Queries the information of a namespace in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetNamespace	The operation that you want to perform. Set the value to GetNamespace.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
NamespaceName	String	Yes	test	The name of the namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
NamespaceId	String	No	crn-tiw8t3f8i5lta4uv	The ID of the namespace.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	E4BC9E21-8AA5-4582-83C1-C1209AB8196F	The ID of the request.
NamespaceName	String	test	The name of the namespace.
NamespaceStatus	String	NORMAL	The status of the namespace.
AutoCreateRepo	Boolean	true	Indicates whether a repository is automatically created when an image is pushed to the namespace.
DefaultRepoType	String	PUBLIC	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.
InstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the instance.
NamespaceId	String	crn-tiw8t3f8i5lta4uv	The ID of the namespace.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetNamespace
&InstanceId=cri-kmsiwlxxdcvaduwb
&NamespaceName=test
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "AutoCreateRepo": "true",
```

```

"Code": "success",
"DefaultRepoType": "PUBLIC",
"InstanceId": "cri-kmsiwlxxdcvaduwb",
"IsSuccess": "true",
"NamespaceName": "test",
"NamespaceId": "crn-tiw8t3f8i5lta4uv",
"NamespaceStatus": "NORMAL",
"RequestId": "E4BC9E21-8AA5-4582-83C1-C1209AB8196F"
}

```

XML format

```

<AutoCreateRepo>true</AutoCreateRepo>
<Code>success</Code>
<DefaultRepoType>PUBLIC</DefaultRepoType>
<InstanceId>cri-kmsiwlxxdcvaduwb</InstanceId>
<IsSuccess>true</IsSuccess>
<NamespaceName>test</NamespaceName>
<NamespaceId>crn-tiw8t3f8i5lta4uv</NamespaceId>
<NamespaceStatus>NORMAL</NamespaceStatus>
<RequestId>E4BC9E21-8AA5-4582-83C1-C1209AB8196F</RequestId>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

10.5 ListNamespace

Queries namespaces created in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListNamesp ace	The operation that you want to perform. Set the value to ListNamespace.
InstanceId	String	Yes	cri-94klsrurys lxwtzj	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Parameter	Type	Required	Example	Description
NamespaceStatus	String	No	NORMAL	The status of a namespace. Valid values: NORMAL and DELETING.
NamespaceName	String	No	test-namespace	The name of a namespace.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	B7E5FCA5-55ED-451C-9649-0BB2B93387D0	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.
TotalCount	String	1	The total number of entries returned.
Namespaces	Array		A list of namespaces created in the instance.
NamespaceName	String	test	The name of the namespace.

Parameter	Type	Example	Description
NamespaceStatus	String	NORMAL	The status of the namespace.
AutoCreateRepo	Boolean	true	Indicates whether a repository is automatically created when an image is pushed to the namespace.
DefaultRepoType	String	PUBLIC	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.
InstanceId	String	cri-94klsruryslxwtzj	The ID of the instance.
NamespaceId	String	crn-tiw8t3f8i5lta4uv	The ID of the namespace.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListNamespace
&InstanceId=cri-94klsruryslxwtzj
&RegionId=cn-shanghai
&PageNo=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "Namespaces":[
    {
      "NamespaceStatus":"NORMAL",
      "NamespaceName":"test",
      "DefaultRepoType":"PUBLIC",
      "InstanceId":"cri-94klsruryslxwtzj",
      "AutoCreateRepo":true
    }
  ],
  "TotalCount":1,
  "PageSize":30,
  "RequestId":"B7E5FCA5-55ED-451C-9649-0BB2B93387D0",
  "PageNo":1,
  "Code":"success"
```

```
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<Namespaces>
  <NamespaceStatus>NORMAL</NamespaceStatus>
  <NamespaceName>test</NamespaceName>
  <DefaultRepoType>PUBLIC</DefaultRepoType>
  <InstanceId>cri-94klsruryslxwtzj</InstanceId>
  <AutoCreateRepo>true</AutoCreateRepo>
</Namespaces>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>B7E5FCA5-55ED-451C-9649-0BB2B93387D0</RequestId>
<PageNo>1</PageNo>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

11 Image Repository Management

11.1 DeleteRepository

Deletes an image repository from an instance.

If you delete a repository, all images in the repository are also deleted.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-xkx6vujuha y0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-14933wbcmu n22pas	The ID of the image repository

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	47DD9D56-09A0-4C52-B520-C3805DBAB96B	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteRepository
&InstanceId=cni-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&RepoId=crr-l4933wbcmun22pas
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"47DD9D56-09A0-4C52-B520-C3805DBAB96B",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>47DD9D56-09A0-4C52-B520-C3805DBAB96B</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

11.2 CreateRepository

Creates an image repository in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateRepository	The operation that you want to perform. Set the value to CreateRepository.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-xkx6vujuha y0tqea	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoName	String	Yes	repo1	The name of the image repository.
RepoNamespaceName	String	Yes	namespace01	The name of the namespace to which the repository belongs.
RepoType	String	Yes	PRIVATE	The type of the repository. Valid values: PUBLIC and PRIVATE.
Summary	String	Yes	repo1	The summary of the repository.
Detail	String	No	repo1	The description of the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	886FB272-15C3-44FC-AA54-F4ABD5B93A28	The ID of the request.
RepoId	String	crr-xwvi3osiy4 fforqq	The ID of the image repository.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateRepository
&InstanceId=cni-xkx6vujuhay0tqea
&RegionId=cn-shanghai
&RepoName=repo1
&RepoNamespaceName=namespace01
&RepoType=PRIVATE
&Summary=repo1
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"886FB272-15C3-44FC-AA54-F4ABD5B93A28",
  "RepoId":"crr-xwvi3osiy4fforqq",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>886FB272-15C3-44FC-AA54-F4ABD5B93A28</RequestId>
<RepoId>crr-xwvi3osiy4fforqq</RepoId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

11.3 UpdateRepository

Updates the information of a repository in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateRepository	The operation that you want to perform. Set the value to UpdateRepository.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the repository.
RepoType	String	Yes	PUBLIC	The type of the repository . Valid values: PUBLIC and PRIVATE.
Summary	String	No	test repo	The summary of the repository.
Detail	String	No	repo-for-test	The description of the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	CC43EC6B-0DD4-40AE-8811-B0519617051A	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateRepository
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&RepoType=PUBLIC
&Summary="test repo"
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"CC43EC6B-0DD4-40AE-8811-B0519617051A",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>CC43EC6B-0DD4-40AE-8811-B0519617051A</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

11.4 ListRepository

Queries repositories in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListRepository	The operation that you want to perform. Set the value to ListRepository.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoStatus	String	No	ALL	The status of a repository. Valid values: NORMAL, DELETING, and DELETED.
RepoName	String	No	repo-test	The name of a repository.
RepoNamespaceName	String	No	repo-namespace-test	The name of a namespace to which repositories belong.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	5241C090-DA69-4B0F-8E3F-2F24FDE1110E	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.

Parameter	Type	Example	Description
TotalCount	String	1	The total number of entries returned.
Repositories	Array		A list of repositories.
RepoNamespaceName	String	test	The name of the namespace.
RepoName	String	test	The name of the repository.
RepoStatus	String	NORMAL	The status of the repository.
RepoType	String	PRIVATE	The type of the repository. Valid values: PRIVATE and PUBLIC.
RepoBuildType	String	MANUAL	Indicates how the repository was created. Valid values: MANUAL and AUTO.
Summary	String	test OK	The summary of the repository.
InstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RepoId	String	crr-03cuozrsqhkwmzyl	The ID of the repository.
CreateTime	Long	1564153576000	The time when the repository was created.
ModifiedTime	Long	1564153576000	The time when the repository was last modified.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepository
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoStatus=ALL
&RepoName=repo-test
&RepoNamespaceName=repo-namespace-test
&PageNo=1
```

```
&PageSize=30  
&<Common request parameters>
```

Sample success responses

JSON format

```
{  
  "Repositories": [  
    {  
      "RepoNamespaceName": "test",  
      "RepoBuildType": "MANUAL",  
      "ModifiedTime": 1571302802000,  
      "RepoType": "PRIVATE",  
      "RepoStatus": "NORMAL",  
      "InstanceId": "cri-kmsiwlxxdcvaduwb",  
      "CreateTime": 1571242083000,  
      "RepoName": "test",  
      "RepoId": "crr-kwgb20p8wmmhol1t"  
    }  
  ],  
  "IsSuccess": true,  
  "TotalCount": 3,  
  "PageSize": 30,  
  "RequestId": "5241C090-DA69-4B0F-8E3F-2F24FDE1110E",  
  "PageNo": 1,  
  "Code": "success"  
}
```

XML format

```
<Repositories>  
  <RepoNamespaceName>test</RepoNamespaceName>  
  <RepoBuildType>MANUAL</RepoBuildType>  
  <ModifiedTime>1571302802000</ModifiedTime>  
  <RepoType>PRIVATE</RepoType>  
  <RepoStatus>NORMAL</RepoStatus>  
  <InstanceId>cri-kmsiwlxxdcvaduwb</InstanceId>  
  <CreateTime>1571242083000</CreateTime>  
  <RepoName>test</RepoName>  
  <RepoId>crr-kwgb20p8wmmhol1t</RepoId>  
</Repositories>  
<IsSuccess>true</IsSuccess>  
<TotalCount>3</TotalCount>  
<PageSize>30</PageSize>  
<RequestId>5241C090-DA69-4B0F-8E3F-2F24FDE1110E</RequestId>  
<PageNo>1</PageNo>  
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

11.5 GetRepository

Queries the information of a repository in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetRepository	The operation that you want to perform. Set the value to GetRepository.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	No	crr-03cuozrsqhkwmzyl	The ID of the repository.
RepoNamespaceName	String	No	test	The name of the namespace to which the repository belongs.
RepoName	String	No	test	The name of the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.

Parameter	Type	Example	Description
RequestId	String	915E6734-3E50-4640-8DBA-126D2D94DE29	The ID of the request.
InstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RepoId	String	null	The ID of the repository.
RepoNamespaceName	String	test	The name of the namespace to which the repository belongs.
RepoName	String	test	The name of the repository.
RepoStatus	String	NORMAL	The status of the repository.
RepoType	String	PRIVATE	The type of the repository. Valid values: PUBLIC and PRIVATE.
RepoBuildType	String	MANUAL	Indicates how the repository was created. Valid values: MANUAL and AUTO.
Summary	String	Automatically created repository	The summary of the repository.
Detail	String	test	The description of the repository.
CreateTime	Long	1570759546000	The time when the repository was created.
ModifiedTime	Long	1570759546100	The time when the repository was last modified.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetRepository
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&repoId=crr-03cuozrsqhkwmzyl
```

```
&RepoNamespaceName=test  
&RepoName=test  
&<Common request parameters>
```

Sample success responses

JSON format

```
{  
  "IsSuccess":true,  
  "RepoNamespaceName":"test",  
  "RepoBuildType":"MANUAL",  
  "RepoType":"PRIVATE",  
  "RepoStatus":"NORMAL",  
  "RequestId":"915E6734-3E50-4640-8DBA-126D2D94DE29",  
  "InstanceId":"cri-kmsiwlxxdcvaduwb",  
  "RepoName":"test",  
  "Summary":"Automatically created repository",  
  "RepoId":"crr-03cuozrsqhkwmzyl",  
  "Code":"success",  
  "Detail":"test",  
  "CreateTime":"1570759546000",  
  "ModifiedTime":"1570759546100"  
}
```

XML format

```
<IsSuccess>true</IsSuccess>  
<RepoNamespaceName>test</RepoNamespaceName>  
<RepoBuildType>MANUAL</RepoBuildType>  
<RepoType>PRIVATE</RepoType>  
<RepoStatus>NORMAL</RepoStatus>  
<RequestId>915E6734-3E50-4640-8DBA-126D2D94DE29</RequestId>  
<InstanceId>cri-kmsiwlxxdcvaduwb</InstanceId>  
<RepoName>test</RepoName>  
<Summary>Automatically created repository</Summary>  
<RepoId>crr-03cuozrsqhkwmzyl</RepoId>  
<Code>success</Code>  
<Detail>test</Detail>  
<CreateTime>1570759546000</CreateTime>  
<ModifiedTime>1570759546100</ModifiedTime>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

12 Image management

12.1 ListRepoTag

Queries images in a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the image repository.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.

Parameter	Type	Example	Description
RequestId	String	031572FA-7D8F-4C05-B790-1071E0E05DE6	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.
TotalCount	String	1	The total number of entries returned.
Images	Array		A list of images.
Tag	String	v0.1	The tag of the image.
Digest	String	67fbfcc12b 67936ec7f8 67927817cb b071832b87 3dbcaed312 a1930ba5f1d529	The digest of the image.
ImageId	String	45023655bf 39c382e26a 8607d057c2 7871de2118 e163c1ecf4 8cc1ebf2a19468	The ID of the image.
Status	String	NORMAL	The status of the image.
ImageSize	Long	27107966	The size of the image.
ImageCreate	String	1572839125000	The time when the image was created.
ImageUpdate	String	1572875608000	The time when the image was updated.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepoTag
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&PageNo=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "TotalCount":1,
  "PageSize":30,
  "RequestId":"031572FA-7D8F-4C05-B790-1071E0E05DE6",
  "Images":[
    {
      "Status":"NORMAL",
      "ImageCreate":1572839125000,
      "ImageSize":27107966,
      "Digest":"67bfbcc12b67936ec7f867927817cbb071832b87
3dbcaed312a1930ba5f1d529",
      "ImageId":"45023655bf39c382e26a8607d057c27871de2118
e163c1ecf48cc1ebf2a19468",
      "ImageUpdate":1572875608000,
      "Tag":"v0.1"
    }
  ],
  "PageNo":1,
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>031572FA-7D8F-4C05-B790-1071E0E05DE6</RequestId>
<Images>
  <Status>NORMAL</Status>
  <ImageCreate>1572839125000</ImageCreate>
  <ImageSize>27107966</ImageSize>
  <Digest>67bfbcc12b67936ec7f867927817cbb071832b873dbcaed312
a1930ba5f1d529</Digest>
  <ImageId>45023655bf39c382e26a8607d057c27871de2118e163c1ecf4
8cc1ebf2a19468</ImageId>
  <ImageUpdate>1572875608000</ImageUpdate>
  <Tag>v0.1</Tag>
</Images>
<PageNo>1</PageNo>
```

```
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

12.2 DeleteRepoTag

Deletes an image from a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteRepoTag	The operation that you want to perform. Set the value to DeleteRepoTag.
InstanceId	String	Yes	cri-xkx6vjuhu y0tasd	The ID of the instance.
RegionId	String	Yes	crr-xwvi3osiy4 ffoasd	The ID of the region where the instance resides.
RepoId	String	Yes	cn-shanghai	The ID of the image repository.
Tag	String	Yes	1.24	The tag of the image.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.

Parameter	Type	Example	Description
RequestId	String	96E66B3A-C81A-48BE-ACD6-C0AB1F9313C0	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteRepoTag
&InstanceId=crr-xkx6vujuhay0tasd
&RegionId=crr-xwvi3osiy4ffoasd
&RepoId=cn-shanghai
&Tag=1.24
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"96E66B3A-C81A-48BE-ACD6-C0AB1F9313C0",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>96E66B3A-C81A-48BE-ACD6-C0AB1F9313C0</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

12.3 GetRepoTagLayers

Queries the information about image layers of an image.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetRepoTagLayers	The operation that you want to perform. Set the value to GetRepoTagLayers.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-kwgb20p8wwmhol1t	The ID of the repository.
Tag	String	Yes	master	The tag of the image.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	D39D7151-0299-47E3-B948-E49E1EA8D406	The ID of the request.
Layers	Array		The information about image layers.
BlobDigest	String	sha256: 36fb85fcb5e919cb60e782397a6be04201868fe7b38ef7669fc01caec1c8fc4e	The digest of the blob.

Parameter	Type	Example	Description
BlobSize	Long	23655489	The size of the blob.
LayerInstruction	String	COPY	The instruction used to create the image layer.
LayerCMD	String	/usr/bin/virtual-kubelet /usr/bin/virtual-kubelet # buildkit	The command used to create the image layer.
LayerIndex	Integer	0	The index of the image layer.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetRepoTagLayers
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-kwgb20p8wmmhol1t
&Tag=master
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"D39D7151-0299-47E3-B948-E49E1EA8D406",
  "Layers":[
    {
      "BlobDigest":"sha256:36fb85fcb5e919cb60e782397a6be04201868fe7b38ef7669fc01caec1c8fc4e",
      "LayerInstruction":"COPY",
      "BlobSize":23655489,
      "LayerCMD":"/usr/bin/virtual-kubelet /usr/bin/virtual-kubelet # buildkit",
      "LayerIndex":0
    }
  ],
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>D39D7151-0299-47E3-B948-E49E1EA8D406</RequestId>
<Layers>
  <BlobDigest>sha256:36fb85fcb5e919cb60e782397a6be04201868fe7b38ef7669fc01caec1c8fc4e</BlobDigest>
```

```

<LayerInstruction>COPY</LayerInstruction>
<BlobSize>23655489</BlobSize>
<LayerCMD>/usr/bin/virtual-kubelet /usr/bin/virtual-kubelet #
buildkit</LayerCMD>
<LayerIndex>0</LayerIndex>
</Layers>
<Code>success</Code>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

12.4 GetRepoTagManifest

Queries the manifest information of an image tag.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-kwgb20p8wwmhol1t	The ID of the repository.
Tag	String	Yes	master	The tag of the image.
SchemaVersion	Integer	No	2	The schema version of the manifest. Valid values: 1 and 2.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	D39D7151-0299-47E3-B948-E49E1EA8D406	The ID of the request.
Manifest	Struct		The information about the image manifest.
SchemaVersion	Integer	2	The schema version of the manifest.
Name	String	null	The name of the image repository.
Tag	String	master	The tag of the image.
Architecture	String	null	The host architecture on which this image is intended to run.
MediaType	String	application/vnd.docker.distribution.manifest.v2+json	The MIME type of the manifest.
FsLayers	Array		A list of filesystem layer blob sums contained in this image.
BlobSum	String	null	The digest of the referenced filesystem image layer.
History	Array		A list of unstructured historical data for V1 compatibility.

Parameter	Type	Example	Description
V1Compatibility	Map	null	The raw V1 compatibility information.
Signatures	Array		A list of signatures.
Header	Map	null	The header information of the signature.
Signature	String	null	The signature for the image manifest.
Protected	String	null	The signed protected header.
Layers	Array		A list of image layers.
MediaType	String	application/vnd.docker.image.rootfs.diff.tar.gzip	The MIME type of the image layer.
Size	Long	32654	The size of the image layer.
Digest	String	sha256: e692418e4c baf90ca69d 05a6640374 7baa33ee08 806650b51f ab815ad7fc331f	The digest of the image layer.
Config	Struct		The configuration file of the image.
MediaType	String	application/vnd.docker.container.image.v1+json	The MIME type of the configuration file.
Size	Long	7023	The size in bytes of the configuration file.

Parameter	Type	Example	Description
Digest	String	sha256: b5b2b2c507 a0944348e0 303114d8d9 3aaaa08173 2b86451d9b ce1f432a537bc7	The digest of the configuration file.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetRepoTagManifest
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-kwgb20p8wmmhol1t
&Tag=master
&SchemaVersion=2
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "Code": "success",
  "IsSuccess": true,
  "Tag": "master",
  "RequestId": "D39D7151-0299-47E3-B948-E49E1EA8D406",
  "Manifest": {
    {
      "schemaVersion": 2,
      "mediaType": "application/vnd.docker.distribution.manifest.v2+
json",
      "config": {
        "mediaType": "application/vnd.docker.container.image.v1+
json",
        "size": 7023,
        "digest": "sha256:b5b2b2c507a0944348e0303114d8d93aaaa08173
2b86451d9bce1f432a537bc7"
      },
      "layers": [
        {
          "mediaType": "application/vnd.docker.image.rootfs.diff
.tar.gzip",
          "size": 32654,
          "digest": "sha256:e692418e4cbaf90ca69d05a6640374
7baa33ee08806650b51fab815ad7fc331f"
        },
        {
          "mediaType": "application/vnd.docker.image.rootfs.diff
.tar.gzip",
          "size": 16724,
          "digest": "sha256:3c3a4604a545cdc127456d94e421cd
355bca5b528f4a9c1905b15da2eb4a4c6b"
```

```

        },
        {
            "mediaType": "application/vnd.docker.image.rootfs.diff
.tar.gzip",
            "size": 73109,
            "digest": "sha256:ec4b8955958665577945c89419d1af
06b5f7636b4ac3da7f12184802ad867736"
        }
    ]
}

```

XML format

```

<Code>success</Code>
<IsSuccess>>true</IsSuccess>
<Tag>master</Tag>
<RequestId>D39D7151-0299-47E3-B948-E49E1EA8D406</RequestId>
<Manifest>
  <schemaVersion>2</schemaVersion>
  <mediaType>application/vnd.docker.distribution.manifest.v2+json</
mediaType>
  <config>
    <mediaType>application/vnd.docker.container.image.v1+json</
mediaType>
    <size>7023</size>
    <digest>sha256:b5b2b2c507a0944348e0303114d8d93aaaa08173
2b86451d9bce1f432a537bc7</digest>
  </config>
  <layers>
    <mediaType>application/vnd.docker.image.rootfs.diff.tar.gzip</
mediaType>
    <size>32654</size>
    <digest>sha256:e692418e4cbaf90ca69d05a66403747baa33ee08
806650b51fab815ad7fc331f</digest>
  </layers>
  <layers>
    <mediaType>application/vnd.docker.image.rootfs.diff.tar.gzip</
mediaType>
    <size>16724</size>
    <digest>sha256:3c3a4604a545cdc127456d94e421cd355bca5b52
8f4a9c1905b15da2eb4a4c6b</digest>
  </layers>
  <layers>
    <mediaType>application/vnd.docker.image.rootfs.diff.tar.gzip</
mediaType>
    <size>73109</size>
    <digest>sha256:ec4b8955958665577945c89419d1af06b5f7636b
4ac3da7f12184802ad867736</digest>
  </layers>
</Manifest>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

13 Image security management

13.1 CreateRepoTagScanTask

Creates a security scan task for an image.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateRepoTagScanTask	The operation that you want to perform. Set the value to CreateRepoTagScanTask.
InstanceId	String	Yes	cri-xkx6vujuha y0tssd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-xwvi3osiy4 ffoss	The ID of the image repository.
Tag	String	Yes	1.24	The tag of the image.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.

Parameter	Type	Example	Description
RequestId	String	B7E3720B-DFE3-4D5D-AE13-E2AE962F0564	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateRepoTagScanTask
&InstanceId=cri-xkx6vujuhay0tssd
&RegionId=cn-shanghai
&RepoId=crr-xwvi3osiy4ffoss
&Tag=1.24
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"B7E3720B-DFE3-4D5D-AE13-E2AE962F0564",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>B7E3720B-DFE3-4D5D-AE13-E2AE962F0564</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14 Image build management

14.1 CancelRepoBuildRecord

Cancels an image build.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CancelRepoBuildRecord	The operation that you want to perform. Set the value to CancelRepoBuildRecord.
BuildRecordId	String	Yes	74FDBA62-30C0-4F22-BE7B-F1D36FD15B21	The ID of the image build record.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.

Parameter	Type	Example	Description
Code	String	success	The code returned for the request.
RequestId	String	4CE1F661-75DD-4EBD-A4AD-057B26834ABB	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CancelRepoBuildRecord
&BuildRecordId=74FDBA62-30C0-4F22-BE7B-F1D36FD15B21
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess": true,
  "RequestId": "4CE1F661-75DD-4EBD-A4AD-057B26834ABB",
  "Code": "success"
}
```

XML format

```
<IsSuccess>>true</IsSuccess>
<RequestId>4CE1F661-75DD-4EBD-A4AD-057B26834ABB</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.2 CreateBuildRecordByRule

Generates an image build record based on a rule.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateBuildRecordByRule	The operation that you want to perform. Set the value to CreateBuildRecordByRule.
BuildRuleId	String	Yes	crbr-1j95g4bu2s1i5133	The ID of the build rule.
InstanceId	String	Yes	cri-asd6vujuhay0tpgo	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-8dz3aedjqlmkr1qq	The ID of the image repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	B01B8857-A16E-40E9-A37E-764F15776FAA	The ID of the request.
BuildRecordId	String	0A311FC5-B8C6-4332-80E4-539EB7395E10	The ID of the image build record.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateBuildRecordByRule
&BuildRuleId=crbr-1j95g4bu2s1i5133
&InstanceId=cri-asd6vujuhay0tpgo
&RegionId=cn-shanghai
```

```
&RepoId=crr-8dz3aedjqlmkr1qq
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "BuildRecordId": "0A311FC5-B8C6-4332-80E4-539EB7395E10",
  "IsSuccess": true,
  "RequestId": "B01B8857-A16E-40E9-A37E-764F15776FAA",
  "Code": "success"
}
```

XML format

```
<BuildRecordId>0A311FC5-B8C6-4332-80E4-539EB7395E10</BuildRecordId>
<IsSuccess>>true</IsSuccess>
<RequestId>B01B8857-A16E-40E9-A37E-764F15776FAA</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.3 CreateRepoBuildRule

You can call this operation to create a build rule for an image repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateRepoBuildRule	The operation that you want to perform. Set the value to CreateRepoBuildRule.
Dockerfile Location	String	Yes	-	The path to Dockerfile.
Dockerfile Name	String	Yes	Dockerfile	The name of Dockerfile.

Parameter	Type	Required	Example	Description
ImageTag	String	Yes	2	The version of the image.
InstanceId	String	Yes	cri-xkx6vujuhay0tqas	The ID of the instance.
PushName	String	Yes	master	The name of the push.
PushType	String	Yes	GIT_BRANCH	The type of the push. Valid values: GIT_TAG and GIT_BRANCH.
RegionId	String	Yes	cn-shanghai	The region where the image repository is deployed.
RepoId	String	Yes	crr-8dz3aedjqlmkrasd	The ID of the image repository.

Response parameters

Parameter	Type	Example	Description
BuildRuleId	String	crbr-rbfghsymk0qs7aaa	The ID of the build rule that was created.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateRepoBuildRule
&DockerfileLocation=/
&DockerfileName=Dockerfile
&ImageTag=2
&InstanceId=cri-xkx6vujuhay0tqas
&PushName=master
&PushType=GIT_BRANCH
&RegionId=cn-shanghai
&RepoId=crr-8dz3aedjqlmkrasd
&<Common request parameters>
```

Sample success responses

XML format

```
<IsSuccess>true</IsSuccess>
<BuildRuleId>crbr-rbfgsymk0qs7aaa</BuildRuleId>
<RequestId>2E055A30-F4BA-4B34-BC95-276CDAF5935D</RequestId>
<Code>success</Code>
```

JSON format

```
{
  "IsSuccess":true,
  "BuildRuleId":"crbr-rbfgsymk0qs7aaa",
  "RequestId":"2E055A30-F4BA-4B34-BC95-276CDAF5935D",
  "Code":"success"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.4 DeleteRepoBuildRule

You can call this operation to delete a build rule of an image repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteRepoBuildRule	The operation that you want to perform. Set the value to DeleteRepoBuildRule.
BuildRuleId	String	Yes	crbr-36tffn0kouvilaas	The ID of the build rule that you want to delete.
InstanceId	String	Yes	cri-xkx6vjuhu0txas	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The region where the image repository is deployed.

Parameter	Type	Required	Example	Description
RepoId	String	Yes	crr-xwvi3osiy4ffoass	The ID of the image repository

Response parameters

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteRepoBuildRule
&BuildRuleId=crbr-36tffn0kouvilaas
&InstanceId=crr-xkx6vujuhay0txas
&RegionId=cn-shanghai
&RepoId=crr-xwvi3osiy4ffoass
&<Common request parameters>
```

Sample success responses

XML format

```
<IsSuccess>>true</IsSuccess>
<RequestId>2E3F55BF-FA7B-454E-B2C6-85265E243ADC</RequestId>
<Code>success</Code>
```

JSON format

```
{
  "IsSuccess": true,
  "RequestId": "2E3F55BF-FA7B-454E-B2C6-85265E243ADC",
  "Code": "success"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.5 ListRepoBuildRule

Queries image build rules for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListRepoBuildRule	The operation that you want to perform. Set the value to ListRepoBuildRule.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the repository.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	42D782C8-E8F6-4A32-BEA0-6A6AC854C22A	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.

Parameter	Type	Example	Description
TotalCount	String	1	The total number of entries returned.
BuildRules	Array		A list of image build rules.
BuildRuleId	String	crbr-khys0nd3asbeemlv	The ID of the image build rule.
Dockerfile Location	String	/	The directory of the Dockerfile.
Dockerfile Name	String	Dockerfile	The name of the Dockerfile.
PushType	String	GIT_BRANCH	The version type of the Git repository where the Dockerfile resides. Valid values: GIT_TAG and GIT_BRANCH.
PushName	String	v0.1	The version number of the Git repository where the Dockerfile resides.
ImageTag	String	v0.1	The tag of the image.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepoBuildRule
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&PageNo=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "TotalCount":1,
  "PageSize":30,
```

```

    "RequestId": "42D782C8-E8F6-4A32-BEA0-6A6AC854C22A",
    "BuildRules": [
      {
        "PushType": "GIT_BRANCH",
        "BuildRuleId": "crbr-khys0nd3asbeemlv",
        "ImageTag": "v0.1",
        "PushName": "v0.1",
        "DockerfileLocation": "/",
        "DockerfileName": "Dockerfile"
      }
    ],
    "PageNo": 1,
    "Code": "success"
  }

```

XML format

```

<IsSuccess>>true</IsSuccess>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>42D782C8-E8F6-4A32-BEA0-6A6AC854C22A</RequestId>
<BuildRules>
  <PushType>GIT_BRANCH</PushType>
  <BuildRuleId>crbr-khys0nd3asbeemlv</BuildRuleId>
  <ImageTag>v0.1</ImageTag>
  <PushName>v0.1</PushName>
  <DockerfileLocation>/</DockerfileLocation>
  <DockerfileName>Dockerfile</DockerfileName>
</BuildRules>
<PageNo>1</PageNo>
<Code>success</Code>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.6 ListRepoBuildRecord

Queries image build records in a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListRepoBuildRecord	The operation that you want to perform. Set the value to ListRepoBuildRecord.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the repository.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	9D23DEDF-E91D-434B-B7D5-9D12C648D166	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.
TotalCount	String	1	The total number of entries returned.
BuildRecords	Array		A list of image build records.

Parameter	Type	Example	Description
BuildRecordId	String	537e08ab-735e-415f-b7c2-160eb87f8d191	The ID of the build record.
StartTime	String	1572872207000	The time when the image started to be built.
EndTime	String	1572875610000	The time when the image build completed.
BuildStatus	String	SUCCESS	The status of the image build.
Image	Struct		The information about the built image.
RepoId	String	null	The ID of the repository to which the image belongs.
RepoNamespaceName	String	test	The name of the namespace to which the repository belongs.
RepoName	String	test	The name of the repository.
ImageTag	String	v0.1	The tag of the image.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepoBuildRecord
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&PageNo=1
&PageSize=30
& <Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "BuildRecords":[
    {
```

```
    "EndTime":1572875610000,
    "StartTime":1572872207000,
    "BuildStatus":"SUCCESS",
    "BuildRecordId":"537e08ab-735e-415f-b7c2-160eb87f8d191",
    "Image":{
      "RepoNamespaceName":"test",
      "ImageTag":"v0.1",
      "RepoName":"test"
    }
  ],
  "TotalCount":1,
  "PageSize":30,
  "RequestId":"9D23DEDF-E91D-434B-B7D5-9D12C648D166",
  "PageNo":1,
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<BuildRecords>
  <EndTime>1572875610000</EndTime>
  <StartTime>1572872207000</StartTime>
  <BuildStatus>SUCCESS</BuildStatus>
  <BuildRecordId>537e08ab-735e-415f-b7c2-160eb87f8d191</BuildRecordId>
  <Image>
    <RepoNamespaceName>test</RepoNamespaceName>
    <ImageTag>v0.1</ImageTag>
    <RepoName>test</RepoName>
  </Image>
</BuildRecords>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>9D23DEDF-E91D-434B-B7D5-9D12C648D166</RequestId>
<PageNo>1</PageNo>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.7 GetRepoBuildRecordStatus

Queries the status of an image build.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetRepoBuildRecordStatus	The operation that you want to perform. Set the value to GetRepoBuildRecordStatus.
BuildRecordId	String	Yes	a78ec6fb-16ea-4649-93b7-f52afba7d9de1	The ID of the image build record.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-jnzm47ihjmgcvnu	The ID of the repository to which the image belongs.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	79174CBA-8556-443A-8976-22C922D7BE37	The ID of the request.
BuildStatus	String	success	The status of the image build.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetRepoBuildRecordStatus
&BuildRecordId=a78ec6fb-16ea-4649-93b7-f52afba7d9de1
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-jnzm47ihjmgcvnu
```

```
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "BuildStatus": "success",
  "Code": "success",
  "IsSuccess": true,
  "RequestId": "79174CBA-8556-443A-8976-22C922D7BE37"
}
```

XML format

```
<BuildStatus>success</BuildStatus>
<Code>success</Code>
<IsSuccess>true</IsSuccess>
<RequestId>79174CBA-8556-443A-8976-22C922D7BE37</RequestId>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

14.8 GetRepoBuildRecord

Queries an image build record for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetRepoBuildRecord	The operation that you want to perform. Set the value to GetRepoBuildRecord.
BuildRecordId	String	Yes	a78ec6fb-16ea-4649-93b7-f52afba7d9de1	The ID of the image build record.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.

Parameter	Type	Required	Example	Description
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	a78ec6fb-16ea-4649-93b7-f52afba7d9de1	The ID of the request.
BuildRecordId	String	79174CBA-8556-443A-8976-22C922D7BE37	The ID of the image build record.
StartTime	Long	1568718468000	The time when the image build started.
EndTime	Long	1568718698000	The time when the image build completed.
Status	String	true	The status of the image build.
Image	Struct		The information about the built image.
RepoNamespaceName	String	test	The name of the namespace.
RepoName	String	test	The name of the repository.
ImageTag	String	master	The tag of the image.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetRepoBuildRecord
&BuildRecordId=a78ec6fb-16ea-4649-93b7-f52afba7d9de1
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "BuildRecordId": "79174CBA-8556-443A-8976-22C922D7BE37",
  "EndTime": 1568718698000,
  "StartTime": 1568718468000,
  "Status": true,
  "Image": {
    "ImageTag": "master",
    "RepoName": "test",
    "RepoNamespaceName": "test"
  },
  "IsSuccess": true,
  "Code": "success"
}
```

XML format

```
<BuildRecordId>79174CBA-8556-443A-8976-22C922D7BE37</BuildRecordId>
<EndTime>1568718698000</EndTime>
<StartTime>1568718468000</StartTime>
<Status>true</Status>
<Image>
  <ImageTag>master</ImageTag>
  <RepoName>test</RepoName>
  <RepoNamespaceName>test</RepoNamespaceName>
</Image>
<IsSuccess>true</IsSuccess>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

15 Image trigger management

15.1 UpdateRepoTrigger

Updates an image trigger for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateRepoTrigger	The operation that you want to perform. Set the value to UpdateRepoTrigger.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the repository.
TriggerId	String	Yes	crw-k7bdx4kt52tyeurf	The ID of the trigger.
TriggerName	String	Yes	test_trigger	The name of the trigger.
TriggerUrl	String	No	https://www.test.com	The target URL of the trigger.

Parameter	Type	Required	Example	Description
TriggerType	String	No	TAG_LIST	The type of expression used to filter image tags that can invoke the trigger. Valid values: ALL, TAG_LIST, and TAG_REG_EXP.
TriggerTag	String	No	master	The image tag that invokes the trigger.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	32535049-ED91-4589-98C0-7C88766EDF1F	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateRepoTrigger
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&TriggerId=crw-k7bdx4kt52tyeurf
&TriggerName=test_trigger
&TriggerUrl=https://www.test.com
&TriggerType=TAG_LIST
&TriggerTag=master
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"32535049-ED91-4589-98C0-7C88766EDF1F",
  "Code":"success"
```

```
}

```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>32535049-ED91-4589-98C0-7C88766EDF1F</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

15.2 ListRepoTrigger

Queries a list of triggers for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListRepoTrigger	The operation that you want to perform. Set the value to ListRepoTrigger.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-tquyps22md8purzx	The ID of the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	2CA76D52-A8F0-4D0B-854E-FBD9F6C99049	The ID of the request.
Triggers	Array		A list of triggers.
TriggerId	String	crw-vriyql9eq7ep8v4c	The ID of the trigger.
TriggerName	String	test	The name of the trigger.
TriggerUrl	String	https://www.test.com	The target URL of the trigger.
RepoEvent	String	BUILD_SUCCESS	The event type that invokes the trigger. Valid value: BUILD_SUCCESS.
TriggerType	String	ALL	The type of expression used to filter image tags that can invoke the trigger. Valid values: ALL, TAG_LIST, and TAG_REG_EXP.
TriggerTag	String	*	The image tag that invokes the trigger.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListRepoTrigger
&InstanceId=cni-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoId=crr-tquyps22md8purzx
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"2CA76D52-A8F0-4D0B-854E-FBD9F6C99049",
  "Triggers":[
    {
      "TriggerUrl":"https://www.test.com",
      "TriggerType":"ALL",
      "TriggerName":"test",
      "TriggerId":"crw-vriyql9eq7ep8v4c",
      "TriggerTag":""}
  ],
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>2CA76D52-A8F0-4D0B-854E-FBD9F6C99049</RequestId>
<Triggers>
  <TriggerUrl>https://www.test.com</TriggerUrl>
  <TriggerType>ALL</TriggerType>
  <TriggerName>test</TriggerName>
  <TriggerId>crw-vriyql9eq7ep8v4c</TriggerId>
  <TriggerTag/>
</Triggers>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

15.3 CreateRepoTrigger

Creates an image trigger for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateRepoTrigger	The operation that you want to perform. Set the value to CreateRepoTrigger.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-xkx6vujuha y0tp12	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-xwvi3osiy4 ffoqwe	The ID of the image repository.
TriggerName	String	Yes	trigger1	The name of the trigger.
TriggerTag	String	Yes	1	The image tag that invokes the trigger.
TriggerType	String	Yes	ALL	The type of expression used to filter image tags that can invoke the trigger. Valid values: ALL, TAG_LIST, and TAG_REG_EXP.
TriggerUrl	String	Yes	http://www. mysite.com	The target URL of the trigger.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	B79F5E0E-8770 -407D-BCB6- ECF4BA9CDC26	The ID of the request.
TriggerId	String	crw-0z4pf81pgz 35s5aa	The ID of the trigger.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateRepoTrigger
&InstanceId=cni-xkx6vujuhay0tp12
&RegionId=cn-shanghai
&RepoId=crr-xwvi3osiy4ffoqwe
&TriggerName=trigger1
&TriggerTag=1
&TriggerType=ALL
&TriggerUrl=http://www.mysite.com
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"B79F5E0E-8770-407D-BCB6-ECF4BA9CDC26",
  "TriggerId":"crw-0z4pf81pgz35s5aa",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>B79F5E0E-8770-407D-BCB6-ECF4BA9CDC26</RequestId>
<TriggerId>crw-0z4pf81pgz35s5aa</TriggerId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

15.4 DeleteRepoTrigger

Deletes an image trigger for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteRepoTrigger	The operation that you want to perform. Set the value to DeleteRepoTrigger.
InstanceId	String	Yes	cri-xkx6vujuhay0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoId	String	Yes	crr-xwvi3osiy4ffoasd	The ID of the image repository.
TriggerId	String	Yes	crw-0z4pf81pgz35sqw2	The ID of the trigger.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	85180AE4-9A57-48F8-9EF9-68ECCE54B552	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteRepoTrigger
&InstanceId=cri-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&RepoId=crr-xwvi3osiy4ffoasd
&TriggerId=crw-0z4pf81pgz35sqw2
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"85180AE4-9A57-48F8-9EF9-68ECCE54B552",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>85180AE4-9A57-48F8-9EF9-68ECCE54B552</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

16 Chart namespace management

16.1 UpdateChartNamespace

Updates a chart namespace in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateChartNamespace	The operation that you want to perform. Set the value to UpdateChartNamespace.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
NamespaceName	String	Yes	test	The name of the namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
AutoCreateRepo	Boolean	No	true	Specifies whether to automatically create a repository when an image is pushed to the namespace.
DefaultRepoType	String	No	PUBLIC	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	6877B80A-2895-44C4-BC9E-703B157DEE66	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateChartNamespace
&InstanceId=cri-kmsiwlxxdcvaduwb
&NamespaceName=test
&RegionId=cn-shanghai
&AutoCreateRepo=true
&DefaultRepoType=PUBLIC
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess":true,
  "RequestId":"6877B80A-2895-44C4-BC9E-703B157DEE66",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>6877B80A-2895-44C4-BC9E-703B157DEE66</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

16.2 CreateChartNamespace

Creates a chart namespace in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateChartNamespace	The operation that you want to perform. Set the value to CreateChartNamespace.
InstanceId	String	Yes	cri-xkx6vujuhay0tqwq	The ID of the instance.
NamespaceName	String	Yes	namespace01	The name of the namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
AutoCreateRepo	Boolean	No	true	Specifies whether to automatically create a repository when an image is pushed to the namespace.
DefaultRepoType	String	No	PUBLIC	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	724402D0-75CD-4794-BC20-7D3720823AE0	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateChartNamespace
&InstanceId=cni-xkx6vujuhay0tqwq
&NamespaceName=namespace01
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess": true,
  "RequestId": "724402D0-75CD-4794-BC20-7D3720823AE0",
  "Code": "success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>724402D0-75CD-4794-BC20-7D3720823AE0</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

16.3 DeleteChartNamespace

Deletes a chart namespace from an instance.

If you delete a chart namespace, all repositories in the namespace and all images in those repositories are also deleted.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteChartNamespace	The operation that you want to perform. Set the value to DeleteChartNamespace.
InstanceId	String	Yes	cri-xkx6vujuhay0taaa	The ID of the instance.
NamespaceName	String	Yes	ns2	The name of the chart namespace.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	FEC62DF1-1394-467F-A69F-4BC1BA29F383	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteChartNamespace
&InstanceId=cri-xkx6vujuhay0taaa
&NamespaceName=ns2
&RegionId=cn-shanghai
```

```
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"FEC62DF1-1394-467F-A69F-4BC1BA29F383",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>FEC62DF1-1394-467F-A69F-4BC1BA29F383</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

16.4 GetChartNamespace

Queries a chart namespace in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetChartNamespace	The operation that you want to perform. Set the value to GetChartNamespace.
InstanceId	String	Yes	cri-xkx6vjuha y0tasd	The ID of the instance.
NamespaceName	String	Yes	ns1	The name of the namespace.

Parameter	Type	Required	Example	Description
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the request is successful.
Code	String	success	The code returned for the request.
RequestId	String	CD71CF13-93AA-4805-848B-69B2DD543A9A	The ID of the request.
NamespaceName	String	ns1	The name of the namespace.
NamespaceStatus	String	NORMAL	The status of the namespace. Valid values: NORMAL and DELETING.
AutoCreateRepo	Boolean	true	Indicates whether a repository is automatically created when an image is pushed to the namespace.
DefaultRepoType	String	PRIVATE	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.
InstanceId	String	cri-xkx6vujuhay0tasd	The ID of the instance.
NamespaceId	String	crcn-43dhbjbyt2xltfaa	The ID of the namespace.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetChartNamespace
&InstanceId=cri-xkx6vujuhay0tasd
&NamespaceName=ns1
&RegionId=cn-shanghai
```

&<Common request parameters>

Sample success responses

JSON format

```
{
  "NamespaceStatus": "NORMAL",
  "IsSuccess": true,
  "NamespaceName": "ns1",
  "RequestId": "CD71CF13-93AA-4805-848B-69B2DD543A9A",
  "DefaultRepoType": "PUBLIC",
  "InstanceId": "cri-xkx6vujuhay0tasd",
  "AutoCreateRepo": true,
  "NamespaceId": "crcn-43dhbjbyt2xltfaa",
  "Code": "success"
}
```

XML format

```
<NamespaceStatus>NORMAL</NamespaceStatus>
<IsSuccess>>true</IsSuccess>
<NamespaceName>ns1</NamespaceName>
<RequestId>CD71CF13-93AA-4805-848B-69B2DD543A9A</RequestId>
<DefaultRepoType>PUBLIC</DefaultRepoType>
<InstanceId>cri-xkx6vujuhay0tasd</InstanceId>
<AutoCreateRepo>>true</AutoCreateRepo>
<NamespaceId>crcn-43dhbjbyt2xltfaa</NamespaceId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

16.5 ListChartNamespace

Queries chart namespaces created in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListChartNamespace	The operation that you want to perform. Set the value to ListChartNamespace.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
NamespaceStatus	String	No	NORMAL	The status of a namespace. Valid values: NORMAL and DELETING.
NamespaceName	String	No	test	The name of a namespace.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on each page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	F56D589D-AF7F-4900-BA46-62C780AC2C10	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.

Parameter	Type	Example	Description
TotalCount	String	1	The total number of entries returned.
Namespaces	Array		A list of namespaces created in the instance.
NamespaceName	String	test	The name of the namespace.
NamespaceStatus	String	NORMAL	The status of the namespace.
AutoCreateRepo	Boolean	true	Indicates whether a repository is automatically created when an image is pushed to the namespace.
DefaultRepoType	String	PUBLIC	The default type of the repository created in the namespace. Valid values: PUBLIC and PRIVATE.
InstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the instance.
NamespaceId	String	null	The ID of the namespace.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListChartNamespace
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&NamespaceStatus=NORMAL
&NamespaceName=test
&PageNo=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "Namespaces":[
    {
```

```
        "NamespaceStatus":"NORMAL",
        "NamespaceName":"test",
        "DefaultRepoType":"PUBLIC",
        "InstanceId":"cri-kmsiwlxxdcvaduwb",
        "AutoCreateRepo":true
    },
    ],
    "TotalCount":1,
    "PageSize":30,
    "RequestId":"F56D589D-AF7F-4900-BA46-62C780AC2C10",
    "PageNo":1,
    "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<Namespaces>
  <NamespaceStatus>NORMAL</NamespaceStatus>
  <NamespaceName>test</NamespaceName>
  <DefaultRepoType>PUBLIC</DefaultRepoType>
  <InstanceId>cri-kmsiwlxxdcvaduwb</InstanceId>
  <AutoCreateRepo>true</AutoCreateRepo>
</Namespaces>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>F56D589D-AF7F-4900-BA46-62C780AC2C10</RequestId>
<PageNo>1</PageNo>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

17 Chart repository management

17.1 UpdateChartRepository

Updates the information of a repository in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateChartRepository	The operation that you want to perform. Set the value to UpdateChartRepository.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoName	String	Yes	test	The name of the repository.
RepoNamespaceName	String	Yes	test	The name of the namespace to which the repository belongs.
RepoType	String	Yes	PUBLIC	The type of the repository. Valid values: PUBLIC and PRIVATE.
Summary	String	No	test	The summary about the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	EB9C5722-51E2-4497-A573-575B0CA5CE0C	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateChartRepository
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoName=test
&RepoNamespaceName=test
&RepoType=PUBLIC
&Summary=test
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess": true,
  "RequestId": "EB9C5722-51E2-4497-A573-575B0CA5CE0C",
  "Code": "success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>EB9C5722-51E2-4497-A573-575B0CA5CE0C</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

17.2 CreateChartRepository

Creates a chart repository in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CreateChartRepository	The operation that you want to perform. Set the value to CreateChartRepository.
InstanceId	String	Yes	cri-xkx6vujuhay0tqwq	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoName	String	Yes	repo01	The name of the image repository.
RepoNamespaceName	String	Yes	namespace01	The name of the namespace.
RepoType	String	Yes	PUBLIC	The type of the repository. Valid values: PUBLIC and PRIVATE.
Summary	String	No	summary	The summary about the repository.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	60390244-A483-491A-B41D-F866C95380A1	The ID of the request.
RepoId	String	crcr-2micxey5ewj4yaqq	The ID of the image repository.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=CreateChartRepository
&InstanceId=cricri-xkx6vujuhay0tqwq
&RegionId=cn-shanghai
&RepoName=repo01
&RepoNamespaceName=namespace01
&RepoType=PUBLIC
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess": true,
  "RequestId": "60390244-A483-491A-B41D-F866C95380A1",
  "Code": "success",
  "RepoId": "crcr-2micxey5ewj4yaqq"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>60390244-A483-491A-B41D-F866C95380A1</RequestId>
<Code>success</Code>
<RepoId>crcr-2micxey5ewj4yaqq</RepoId>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

17.3 DeleteChartRepository

Deletes a chart repository from an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteChartRepository	The operation that you want to perform. Set the value to DeleteChartRepository.
InstanceId	String	Yes	cri-xkx6vujuhay0txxa	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoName	String	Yes	repo01	The name of the repository.
RepoNamespaceName	String	Yes	namespace01	The name of the namespace.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	12589EF7-96E2-4554-AAD7-F7209E88CAD3	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteChartRepository
&InstanceId=cni-xkx6vujuhay0txxa
&RegionId=cn-shanghai
&RepoName=repo01
&RepoNamespaceName=namespace01
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RequestId":"12589EF7-96E2-4554-AAD7-F7209E88CAD3",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>12589EF7-96E2-4554-AAD7-F7209E88CAD3</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

17.4 ListChartRepository

Queries the information of chart repositories in an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListChartRepository	The operation that you want to perform. Set the value to ListChartRepository.

Parameter	Type	Required	Example	Description
InstanceId	String	Yes	cri-xkx6vujuha y0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoStatus	String	No	ALL	The status of a chart repository. Valid values: NORMAL and DELETING.
RepoName	String	No	ns1	The name of a repository in the instance.
RepoNamespaceName	String	No	repo1	The name of a namespace in the instance.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	30	The number of entries to return on a page.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	0AB62FB8-6873-4032-8515-4578D27523B7	The ID of the request.
PageNo	Integer	1	The page number of the returned page.

Parameter	Type	Example	Description
PageSize	Integer	30	The number of entries returned per page.
TotalCount	String	1	The total number of entries returned.
Repositories	Array		A list of repositories.
RepoNamespaceName	String	ns1	The name of the namespace.
RepoName	String	repo1	The name of the repository.
RepoStatus	String	NORMAL	The status of the repository. Valid values: NORMAL and DELETING.
RepoType	String	PUBLIC	The type of the repository. Valid values: PRIVATE and PUBLIC.
Summary	String	test	The summary about the repository.
InstanceId	String	cri-xkx6vujuhay0tasd	The ID of the instance.
RepoId	String	crcr-gpsu7b8chmxk2asd	The ID of the repository.
CreateTime	Long	1571926644000	The time when the repository was created.
ModifiedTime	Long	1571930329000	The time when the repository was modified.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListChartRepository
&InstanceId=cri-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&RepoNamespaceName=ns1
```

```
&RepoName=repo1
&PageNo=1
&PageSize=1
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "Repositories": [
    {
      "RepoNamespaceName": "ns1",
      "ModifiedTime": 1571930329000,
      "RepoType": "PUBLIC",
      "RepoStatus": "NORMAL",
      "InstanceId": "cri-xkx6vujuhay0tasd",
      "CreateTime": 1571926644000,
      "RepoName": "repo1",
      "RepoId": "crcr-gpsu7b8chmxk2asd"
    }
  ],
  "IsSuccess": true,
  "TotalCount": 1,
  "PageSize": 30,
  "RequestId": "0AB62FB8-6873-4032-8515-4578D27523B7",
  "PageNo": 1,
  "Code": "success"
}
```

XML format

```
<Repositories>
  <RepoNamespaceName>ns1</RepoNamespaceName>
  <ModifiedTime>1571930329000</ModifiedTime>
  <RepoType>PUBLIC</RepoType>
  <RepoStatus>NORMAL</RepoStatus>
  <InstanceId>cri-xkx6vujuhay0tasd</InstanceId>
  <CreateTime>1571926644000</CreateTime>
  <RepoName>repo1</RepoName>
  <RepoId>crcr-gpsu7b8chmxk2asd</RepoId>
</Repositories>
<IsSuccess>true</IsSuccess>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>0AB62FB8-6873-4032-8515-4578D27523B7</RequestId>
<PageNo>1</PageNo>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

17.5 GetChartRepository

Queries the information of a chart repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetChartRepository	The operation that you want to perform. Set the value to GetChartRepository.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoName	String	Yes	test	The name of the repository.
RepoNamespaceName	String	Yes	test	The name of the namespace.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	A3F6AB56-DEF4-4FF5-8DE4-680362C0E21F	The ID of the request.
InstanceId	String	cri-kmsiwlxxdcvaduwb	The ID of the instance.

Parameter	Type	Example	Description
RepoId	String	crcr-c7letfw5v5oqjasd	The ID of the chart repository.
RepoNamespaceName	String	test	The namespace in which the chart repository is located.
RepoName	String	test	The name of the chart repository.
RepoStatus	String	NORMAL	The status of the chart repository. Valid values: NORMAL and DELETING.
RepoType	String	PUBLIC	The type of the repository. Valid values: PUBLIC and PRIVATE.
Summary	String	test	The summary about the chart repository.
CreateTime	Long	1563767620000	The time when the chart repository was created.
ModifiedTime	Long	1563767700000	The time when the chart repository was modified.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetChartRepository
&InstanceId=cricri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&RepoName=test
&RepoNamespaceName=test
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "RepoNamespaceName":"test",
  "RequestId":"A3F6AB56-DEF4-4FF5-8DE4-680362C0E21F",
  "RepoStatus":"NORMAL",
  "CreateTime":1563767620000,
```



```
"ModifiedTime":1563767700000,
"RepoId":"crcr-c7letfwev5oqjasd",
"RepoType":"PUBLIC",
"InstanceId":"cri-kmsiwlxxdcvaduwb",
"RepoName":"test",
"Summary":"test",
"RepoId":"crcr-24yjjf3yt7ucutqv",
"Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RepoNamespaceName>test</RepoNamespaceName>
<RequestId>A3F6AB56-DEF4-4FF5-8DE4-680362C0E21F</RequestId>
<RepoStatus>NORMAL</RepoStatus>
<CreateTime>1563767620000</CreateTime>
<ModifiedTime>1563767700000</ModifiedTime>
<RepoId>crcr-24yjjf3yt7ucutqv</RepoId>
<RepoType>PUBLIC</RepoType>
<InstanceId>cri-kmsiwlxxdcvaduwb</InstanceId>
<RepoName>test</RepoName>
<Summary>test</Summary>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

18 Chart version management

18.1 DeleteChartRelease

Deletes a chart version for a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteChartRelease	The operation that you want to perform. Set the value to DeleteChartRelease.
Chart	String	Yes	chart3	The version name of the chart.
InstanceId	String	Yes	cri-xkx6vujuha y0txas	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
Release	String	Yes	0.1.0	The version number of the chart.
RepoName	String	Yes	repo1	The name of the repository.
RepoNamespaceName	String	Yes	ns1	The name of the namespace.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	C2D6CE47-6DEF-45F4-A1AC-90F3AFBA751F	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DeleteChartRelease
&Chart=chart3
&InstanceId=cni-xkx6vujuhay0txas
&RegionId=cn-shanghai
&Release=0.1.0
&RepoName=repo1
&RepoNamespaceName=ns1
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess": true,
  "RequestId": "C2D6CE47-6DEF-45F4-A1AC-90F3AFBA751F",
  "Code": "success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>C2D6CE47-6DEF-45F4-A1AC-90F3AFBA751F</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

18.2 ListChartRelease

Queries chart versions of a repository.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ListChartRelease	The operation that you want to perform. Set the value to ListChartRelease.
InstanceId	String	Yes	cri-xkx6vujuhay0tasd	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.
RepoName	String	Yes	repo1	The name of the repository.
RepoNamespaceName	String	Yes	ns1	The name of the namespace to which the repository belongs.
PageNo	Integer	No	1	The number of the page to return.
PageSize	Integer	No	20	The number of entries to return on each page.
Chart	String	No	null	The prefix of chart versions.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	F68823F6-F1B5-4A4E-8421-A83CAB8F2963	The ID of the request.
PageNo	Integer	1	The page number of the returned page.
PageSize	Integer	30	The number of entries returned per page.
TotalCount	String	1	The total number of entries returned.
ChartReleases	Array		The chart versions of the repository.
Chart	String	chart1	The version name of the chart.
Release	String	0.1.0	The version number of the chart.
Status	String	null	The status of the chart.
Size	String	2826	The size of the chart.
InstanceId	String	cri-xkx6vujuhay0tasd	The ID of the instance.
RepoId	String	crcr-gpsu7b8chmxk2asd	The ID of the chart repository.
ModifiedTime	Long	1571930323000	The time when the chart was modified.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ListChartRelease
&InstanceId=cri-xkx6vujuhay0tasd
&RegionId=cn-shanghai
&RepoName=repo1
&RepoNamespaceName=ns1
&<Common request parameters>
```

Sample success responses

JSON format

```
{
  "IsSuccess":true,
  "TotalCount":1,
  "PageSize":30,
  "RequestId":"F68823F6-F1B5-4A4E-8421-A83CAB8F2963",
  "ChartReleases": [
    {
      "ModifiedTime":1571930323000,
      "InstanceId":"cri-xkx6vujuhay0tasd",
      "Size":"2826",
      "RepoId":"crcr-gpsu7b8chmxk2asd",
      "Release":"0.1.0",
      "Chart":"chart1"
    }
  ],
  "PageNo":1,
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<TotalCount>1</TotalCount>
<PageSize>30</PageSize>
<RequestId>F68823F6-F1B5-4A4E-8421-A83CAB8F2963</RequestId>
<ChartReleases>
  <ModifiedTime>1571930323000</ModifiedTime>
  <InstanceId>cri-xkx6vujuhay0tasd</InstanceId>
  <Size>2826</Size>
  <RepoId>crcr-gpsu7b8chmxk2asd</RepoId>
  <Release>0.1.0</Release>
  <Chart>chart1</Chart>
</ChartReleases>
<PageNo>1</PageNo>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).

19 Access credential management

19.1 GetAuthorizationToken

Obtains a temporary account and password for logging on to an instance.

A temporary account and password is valid for one hour. If you log on to an instance by using Security Token Service (STS), you can access the instance resources within the validity period of an STS token.

- If you log on to an instance by using the temporary password obtained through an Alibaba Cloud account, you have the same permissions on resources as the user of the Alibaba Cloud account.
- If you log on to an instance by using the temporary password obtained through a RAM user, you have the same permissions as the RAM user.
- If you log on to an instance by using the temporary password obtained through STS, you have the same permissions as the STS token.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	GetAuthorizationToken	The operation that you want to perform. Set the value to GetAuthorizationToken.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	E069EB86-E6AD-4A98-ADDE-0E993390239A	The ID of the request.
TempUsername	String	temp_user_cr	The username for temporary logon.
AuthorizationToken	String	shaunadada kks:uuczxnjcyeyhdjadkkaj yhdjadkkaj sjdjadhyuch	The password for temporary logon.
ExpireTime	Long	1571242083000	The timestamp when the password expires.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=GetAuthorizationToken
&InstanceId=cri-kmsiwlxxdcvaduwb
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "AuthorizationToken": "shaunadadakks:uuczxnjcyeyhdjadkkaj  
sjdjadhyuch",
  "Code": "success",
  "ExpireTime": "1571242083000",
  "IsSuccess": "true",
  "RequestId": "E069EB86-E6AD-4A98-ADDE-0E993390239A",
  "TempUsername": "temp_user_cr"
```



```
}

```

XML format

```
<AuthorizationToken>shaunadadakks:uuczxnjcyeyhdjadkkajsjdjadhyucb</
AuthorizationToken>
<Code>success</Code>
<ExpireTime/>
<IsSuccess>>true</IsSuccess>
<RequestId>E069EB86-E6AD-4A98-ADDE-0E993390239A</RequestId>
<TempUsername>temp_user_cr</TempUsername>

```

Error codes

For a list of error codes, visit the [API Error Center](#).

19.2 ResetLoginPassword

Resets the logon password of an instance.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	ResetLoginPassword	The operation that you want to perform. Set the value to ResetLoginPassword.
InstanceId	String	Yes	cri-kmsiwlxxdcvaduwb	The ID of the instance.
Password	String	Yes	test	The logon password.
RegionId	String	Yes	cn-shanghai	The ID of the region where the instance resides.

Response parameters

Parameter	Type	Example	Description
IsSuccess	Boolean	true	Indicates whether the operation is successful.
Code	String	success	The code returned for the request.
RequestId	String	EB9C5722-51E2-4497-A573-575B0CA5CE0C	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=ResetLoginPassword
&InstanceId=cri-kmsiwlxxdcvaduwb
&Password=test
&RegionId=cn-shanghai
&<Common request parameters>
```

Sample success responses**JSON format**

```
{
  "IsSuccess":true,
  "RequestId":"EB9C5722-51E2-4497-A573-575B0CA5CE0C",
  "Code":"success"
}
```

XML format

```
<IsSuccess>true</IsSuccess>
<RequestId>EB9C5722-51E2-4497-A573-575B0CA5CE0C</RequestId>
<Code>success</Code>
```

Error codes

For a list of error codes, visit the [API Error Center](#).