

# Alibaba Cloud

## 漏洞扫描

API Reference

Issue: 20200612

# Legal disclaimer

---









Alibaba Cloud reminds you to carefully read and fully understand the terms and conditions of this legal disclaimer before you read or use this document. If you have read or used this document, it shall be deemed as your total acceptance of this legal disclaimer.

- 1.** You shall download and obtain this document from the Alibaba Cloud website or other Alibaba Cloud-authorized channels, and use this document for your own legal business activities only. The content of this document is considered confidential information of Alibaba Cloud. You shall strictly abide by the confidentiality obligations. No part of this document shall be disclosed or provided to any third party for use without the prior written consent of Alibaba Cloud.
- 2.** No part of this document shall be excerpted, translated, reproduced, transmitted, or disseminated by any organization, company, or individual in any form or by any means without the prior written consent of Alibaba Cloud.
- 3.** The content of this document may be changed due to product version upgrades, adjustments, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and the updated versions of this document will be occasionally released through Alibaba Cloud-authorized channels. You shall pay attention to the version changes of this document as they occur and download and obtain the most up-to-date version of this document from Alibaba Cloud-authorized channels.
- 4.** This document serves only as a reference guide for your use of Alibaba Cloud products and services. Alibaba Cloud provides the document in the context that Alibaba Cloud products and services are provided on an "as is", "with all faults" and "as available" basis. Alibaba Cloud makes every effort to provide relevant operational guidance based on existing technologies. However, Alibaba Cloud hereby makes a clear statement that it in no way guarantees the accuracy, integrity, applicability, and reliability of the content of this document, either explicitly or implicitly. Alibaba Cloud shall not bear any liability for any errors or financial losses incurred by any organizations, companies, or individuals arising from their download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, bear responsibility for any indirect, consequential, exemplary, incidental, special, or punitive damages, including lost profits arising from the use or trust in this document, even if Alibaba Cloud has been notified of the possibility of such a loss.

- 5.** By law, all the contents in Alibaba Cloud documents, including but not limited to pictures, architecture design, page layout, and text description, are intellectual property of Alibaba Cloud and/or its affiliates. This intellectual property includes, but is not limited to, trademark rights, patent rights, copyrights, and trade secrets. No part of this document shall be used, modified, reproduced, publicly transmitted, changed, disseminated, distributed, or published without the prior written consent of Alibaba Cloud and/or its affiliates. The names owned by Alibaba Cloud shall not be used, published, or reproduced for marketing, advertising, promotion, or other purposes without the prior written consent of Alibaba Cloud. The names owned by Alibaba Cloud include, but are not limited to, "Alibaba Cloud", "Aliyun", "HiChina", and other brands of Alibaba Cloud and/or its affiliates, which appear separately or in combination, as well as the auxiliary signs and patterns of the preceding brands, or anything similar to the company names, trade names, trademarks, product or service names, domain names, patterns, logos, marks, signs, or special descriptions that third parties identify as Alibaba Cloud and/or its affiliates.
- 6.** Please contact Alibaba Cloud directly if you discover any errors in this document.



## Document conventions

Style	Description	Example
	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 <b>Danger:</b> 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.	 <b>Warning:</b> 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.	 <b>Notice:</b> 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.	 <b>Note:</b> You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click <b>Settings &gt; Network &gt; Set network type.</b>
<b>Bold</b>	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click <b>OK.</b>
Courier font	Courier font is used for commands.	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
Italic	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[ ] 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.	switch {active stand}



# Contents

---

<b>Legal disclaimer</b> .....	<b>I</b>
<b>Document conventions</b> .....	<b>I</b>
<b>1 List of operations by function</b> .....	<b>1</b>
<b>2 Make API requests</b> .....	<b>3</b>
<b>3 Common parameters</b> .....	<b>6</b>
<b>4 Assets</b> .....	<b>8</b>
4.1 AddAssets.....	8
4.2 AddAssetTags.....	9
4.3 DeleteAssets.....	11
4.4 DescribeAssets.....	12
4.5 DescribeAssetsByTags.....	17
4.6 DescribeUserTags.....	21
<b>5 Scan tasks</b> .....	<b>24</b>
5.1 CreateScan.....	24
5.2 DescribeAllVulnerabilities.....	27
5.3 DescribeScans.....	37
5.4 DescribeScanSessions.....	45
5.5 DescribeVulnerability.....	49
5.6 GenerateVulReport.....	63
<b>6 Attack surfaces</b> .....	<b>66</b>
6.1 DescribeAttackSurfacesFacets.....	66
6.2 DescribeCrawlerRequests.....	68
6.3 DescribeDNSMap.....	71
6.4 DescribeDomainAttackSurfacesFacets.....	74
6.5 DescribeDomains.....	75
6.6 DescribeHosts.....	78
6.7 DescribeHostAttackSurfacesFacets.....	81
6.8 DescribePorts.....	83
6.9 DescribeSubdomains.....	86
6.10 DescribeWebPaths.....	88
6.11 DescribeWebServers.....	91
6.12 DescribeWebTechs.....	94
<b>7 Attack surfaces</b> .....	<b>97</b>
7.1 AddOrgDomains.....	97
7.2 AddOrgHosts.....	98
7.3 AddOrgSubdomains.....	99
7.4 AddOrgWebPaths.....	100
7.5 CreateOrganization.....	102



7.6 DeleteOrganizations.....	103
7.7 DeleteOrgAttackSurfaceRecords.....	104
7.8 DeleteUserAttackSurfaceRecords.....	106
7.9 DescribeOrgInfo.....	107
7.10 DescribeOrgAttackSurfaceDetails.....	109
7.11 ListOrgAttackSurfaceFacets.....	111
7.12 ListOrgDNSMap.....	114
7.13 ListOrgDomains.....	117
7.14 ListOrgHosts.....	119
7.15 ListOrgPorts.....	122
7.16 ListOrgRiskyAssets.....	129
7.17 ListOrgSubdomains.....	131
7.18 ListOrgVulFacets.....	134
7.19 ListOrgWebPaths.....	139
7.20 ListOrgWebTechs.....	144
7.21 ListUserAttackSurfaceFacets.....	149
7.22 ListUserDNSMap.....	153
7.23 ListUserDomains.....	161
7.24 ListUserHosts.....	163
7.25 ListUserOrganizations.....	166
7.26 ListUserPorts.....	168
7.27 ListUserSubdomains.....	174
7.28 ListUserWebPaths.....	176
7.29 ListUserWebTechs.....	179
7.30 ModifyOrganization.....	181
7.31 TagAssetsBySearch.....	183



# 1 List of operations by function

---

This topic lists all the CSS operations that you can call.

## Assets

Operation	Description
<a href="#">AddAssets</a>	Adds user assets.
<a href="#">DescribeAssets</a>	Queries the asset list.
<a href="#">DeleteAssets</a>	Deletes user assets.
<a href="#">DescribeUserTags</a>	Queries all the tags of users.
<a href="#">AddAssetTags</a>	Adds tags for assets.
<a href="#">DescribeAssetsByTags</a>	Queries the assets under the tag.

## Scan tasks

Operation	Description
<a href="#">CreateScan</a>	Creates a scan task.
<a href="#">DescribeScans</a>	Queries scan tasks.
<a href="#">DescribeScanSessions</a>	Queries task instances generated for scan tasks.
<a href="#">GenerateVulReport</a>	Generates a report for the task instance.
<a href="#">DescribeAllVulnerabilities</a>	Obtains scan task results, including the number of detected vulnerabilities and distribution of severity levels.
<a href="#">DescribeVulnerability</a>	Obtains vulnerability details.

## Attack surfaces

Operation	Description
<a href="#">DescribeSubdomains</a>	Queries the subdomain names that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeCrawlerRequests</a>	Queries the crawler traffic data about the corresponding attack surface of the task instance.
<a href="#">DescribeHostAttackSurfacesFacets</a>	Queries the statistics of hosts that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeAttackSurfacesFacets</a>	Queries the attack surface statistics of the task instance.

Operation	Description
<a href="#">DescribeWebTechs</a>	Queries the Web applications that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeDomains</a>	Queries the domain names that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeHosts</a>	Queries the list of hosts that are included in the corresponding attack surface of the task instance.
<a href="#">DescribePorts</a>	Queries the service information of the ports that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeDomainAttackSurfaceQueries</a>	Queries the statistics of the domain names that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeWebServers</a>	Queries the Web servers that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeWebPaths</a>	Queries the Web paths that are included in the corresponding attack surface of the task instance.
<a href="#">DescribeDNSMap</a>	Queries the DNS records that are included in the corresponding attack surface of the task instance.

## 2 Make API requests

---

You can send HTTP GET requests to call the Cloud Security Scanner (CSS) API. Before you send a request, specify the request parameters for the specific operation. A response is returned for each request. Requests and responses are encoded using UTF-8.

### Request structure

The CSS API operations use the RPC protocol. You can call CSS API operations by sending HTTP GET requests.

The request syntax is as follows:

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

Where:

- **Endpoint:** the endpoint of the CSS API is `avds.aliyuncs.com`.
- **Action:** the name of the operation being performed. For example, to query the asset of users, the Action parameter must be set to **DescribeAssets**.
- **Version:** the version of the API to be used. The API version of CSS is 2017-11-29.
- **Parameters:** the request parameters for the operation being called. Separate multiple parameters with ampersands (&).

The request parameters include common request parameters and API-specific parameters. Common parameters include the API version and authentication information. For more information, see [Common parameters](#).

The following example demonstrates how to call the **DescribeAssets** operation in CSS:



#### Note:

To improve readability, the API request is displayed in the following format:

```
http(s)://avds.aliyuncs.com/? Action=DescribeAssets
&Format=xml
&Version=2017-11-29
&Signature=xxxx%xxxx%3D
&SignatureMethod=HMAC-SHA1
&SignatureNonce=15215528852396
&SignatureVersion=1.0
&AccessKeyId=key-test
&TimeStamp=2012-06-01T12:00:00Z
```

...

## API authorization

To ensure the security of your account, we recommend that you call the CSS API as a RAM user. Before calling CSS API as a RAM user, you must create a RAM user and assign corresponding permissions to it.

## Request signatures

You must sign all API requests to ensure security. Cloud Security Scanner uses the request signature to verify the identity of the API caller.

CSS implements symmetric encryption with an AccessKey ID and an AccessKey secret to verify the identity of the request sender. An AccessKey pair consists of an AccessKey ID and an AccessKey secret. An AccessKey pair is an identity credential issued to Alibaba Cloud accounts and RAM users that is similar to a logon username and password. The AccessKey ID is used to verify the identity of the user, while the AccessKey secret is used to encrypt and verify the signature string. You must keep your AccessKey secret strictly confidential.

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

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

Take **DescribeAssets** as an example. If the AccessKey ID is `testid`, the AccessKey secret is `testsecret`, the original request URL is as follows:

```
https://avds.aliyuncs.com/?Action=DescribeAssets
&TimeStamp=2016-02-23T12:46:24Z
&Format=XML
&AccessKeyId=testid
&SignatureMethod=HMAC-SHA1
&SignatureNonce=3ee8c1b8-83d3-44af-a94f-4e0ad82fd6cf
&Version=2017-11-29
&SignatureVersion=1.0
```

Perform the following steps to calculate the signature:

1. Use the request parameters to create the string-to-sign.

```
GET&%2F&AccessKeyId%3Dtestid&Action%3DDescribeAssets&Format%3DXML&SignatureMethod%3DHMAC-SHA1&SignatureNonce%3D3ee8c1b8-83d3-44af-a94f-
```

```
4e0ad82fd6cf&SignatureVersion%3D1.0&TimeStamp%3D2016-02-23T12%253A46%253A24Z&Version%3D2018-12-03
```

2. Calculate the HMAC value of the string-to-sign.

Append an ampersand (&) to the AccessKey secret and use the new string as the key to calculate the HMAC value. In this example, the key is `testsecret&`.

```
CT9X0VtwR86fNWSnsc6v8YGOjuE=
```

3. Add the signature string to the request parameters.

```
https://advs.aliyuncs.com/?Action=DescribeAssets
&TimeStamp=2016-02-23T12:46:24Z
&Format=XML
&AccessKeyId=testid
&SignatureMethod=HMAC-SHA1
&SignatureNonce=3ee8c1b8-83d3-44af-a94f-4e0ad82fd6cf
&Version=2017-11-29
&SignatureVersion=1.0
&Signature=CT9X0VtwR86fNWSnsc6v8YGOjuE%3D
```

**Note:**

Alibaba Cloud offers SDKs and third-party SDKs in multiple languages, which helps you to calculate the signature. For more information about Alibaba Cloud SDKs, see [Alibaba Cloud Development Kit \(SDK\)](#).

## 3 Common parameters

This topic describes common request parameters required for each API request.

### Common request parameters

Common request parameters must be included in all API operations.

**Table 3-1: Common request parameters**

Parameter	Type	Required	Description
<b>Format</b>	string	No	The format to return the response values in. Valid values: JSON and XML. Default value: XML.
<b>Version</b>	String	Yes	The version number of the API. The format is YYYY-MM-DD. Set the value to 2017-11-29.
<b>AccessKeyId</b>	String	Yes	The AccessKey ID provided to you by Alibaba Cloud.
<b>Signature</b>	String	Yes	The signature string of the current request.
<b>SignatureMethod</b>	String	Yes	The encryption method of the signature string. Set the value to HMAC-SHA1.
<b>Timestamp</b>	String	Yes	The timestamp of the request. Specify the time in the ISO 8601 standard in the YYYY-MM-DDThh:mm:ssZ format. The time must be in UTC. For example, 2013-01-10T12:00:00Z indicates January 10, 2013, 20:00:00 (UTC+8).
<b>SignatureVersion</b>	String	Yes	The version of the signature encryption algorithm. Set the value to 1.0.
<b>SignatureNonce</b>	String	Yes	A unique, random number used to prevent replay attacks. You must use different numbers for different requests.
<b>ResourceOwnerAccount</b>	String	No	The owner account (the logon username) of the resource to be accessed through this API request.



## Examples

```
https://avds.aliyuncs.com/  
? Format=xml  
&Version=2017-11-29  
&Signature=Pc5WB8gokVn0xfeu%2FZV%2BiNM1dgl%3D  
&SignatureMethod=HMAC-SHA1  
&SignatureNonce=15215528852396  
&SignatureVersion=1.0  
&AccessKeyId=key-test  
&Timestamp=2012-06-01T12:00:00Z
```

## Common response parameters

The API response uses a unified format. A 2XX HTTP status code is returned if the call is successful. A 4xx or 5xx HTTP status code is returned if the call has failed.

Response data can be returned in either the JSON or XML format. You can specify the response format when you are making the request. The default response format is XML.

Each time you send a request to call an API, the system returns a unique identifier

**RequestId**, regardless of whether the request is successful.

- XML format

```
<? xml version="1.0" encoding="utf-8"? >  
<!--Result root node-->  
<Operation name+Response>  
  <!--Return request tag-->  
  <RequestId>4C467B38-3910-447D-87BC-AC049166F216</RequestId>  
  <!--Returned result data-->  
</Operation name+Response>
```

- JSON format

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

## 4 Assets

### 4.1 AddAssets

You can call this operation to add assets.

You can call this operation to add the asset list and the tag list.

#### 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
<b>Action</b>	String	Yes	AddAssets	The operation that you want to perform. Set the value to AddAssets.
<b>Assets.N</b>	RepeatList	Yes	['a.aliyun.com', 'b.aliyun.com']	Specifies asset N to be added.
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.
<b>Tags.N</b>	RepeatList	No	['tag1', 'tag2']	Specifies tag N. The assets under tag N will be added.

#### Response parameters

Parameter	Type	Example	Description
RequestId	String	0C992F5D-8568-41B4-9685-05C0DAEAE9D7	The ID of the request.
Success	Boolean	true	Indicates whether assets were added.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=AddAssets
&Assets.1='a.aliyun.com'
&Assets.2='b.aliyun.com'
&Tags.1='tag1'
&Tags.2='tag2'
&SourceIp=
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<AddAssets>
  <code>200</code>
  <requestId>0C992F5D-8568-41B4-9685-05C0DAEAE9D7</requestId>
  <success>>true</success>
</AddAssets>
```

#### JSON format

```
{
  "requestId": "0C992F5D-8568-41B4-9685-05C0DAEAE9D7",
  "code": "200",
  "success": true
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 4.2 AddAssetTags

You can call this operation to add tags for assets.

You can call this operation to add tags for multiple assets or add multiple tags for one asset

.

## 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
<b>Action</b>	String	Yes	AddAssetTags	The operation that you want to perform. Set the value to AddAssetTags.
<b>Assets.N</b>	RepeatList	Yes	['a.aliyun.com', 'b.aliyun.com']	Specifies asset N to add tags to.
<b>Lang</b>	String	No	zh	The language in which the responses are returned. <ul style="list-style-type: none"> <li><b>zh</b>: Chinese</li> <li><b>en</b>: English</li> </ul>
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.
<b>Tags.N</b>	RepeatList	No	['tag1','tag2']	Specifies tag N to be added.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	0C992F5D-8568-41B4-9685-05C0DAEAE9D7	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=AddAssetTags
&Assets.1='a.aliyun.com'
&Assets.2='b.aliyun.com'
&Tags.1='tag1'
&Tags.2='tag2'
&SourceIp=
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<AddAssetTags>
  <code>200</code>
```

```
<requestId>0C992F5D-8568-41B4-9685-05C0DAEAE9D7</requestId>
<success>true</success>
</AddAssetTags>
```

JSON format

```
{
  "requestId": "0C992F5D-8568-41B4-9685-05C0DAEAE9D7",
  "code": "200",
  "success": true
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 4.3 DeleteAssets

You can call this operation to delete assets.

**You can call this operation to delete assets that do not need vulnerability scan.**

### 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
<b>Action</b>	String	Yes	DeleteAssets	The operation that you want to perform. Set the value to DeleteAssets.
<b>AssetIds.N</b>	RepeatList	Yes	['a.aliyun.com', 'b.aliyun.com']	Specifies asset N to be deleted.
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	0C992F5D-8568-41B4-9685-05C0DAEAE9D7	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DeleteAssets
&Assets.1=['a.aliyun.com']
&Assets.2=['b.aliyun.com']
&SourceIp=
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DeleteAssets>
  <code>200</code>
  <requestId>0C992F5D-8568-41B4-9685-05C0DAEAE9D7</requestId>
  <success>true</success>
</DeleteAssets>
```

#### JSON format

```
{
  "requestId": "0C992F5D-8568-41B4-9685-05C0DAEAE9D7",
  "code": "200",
  "success": true
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 4.4 DescribeAssets

You can call this operation to query the asset list.

You can call this operation to query all assets by pagination and query your Alibaba Cloud assets.

## 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
<b>Action</b>	String	Yes	DescribeAssets	The operation that you want to perform. Set the value to DescribeAssets.
<b>Assets.N</b>	RepeatList	No	['1.2.3.5']	Specifies asset N to be queried.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return .
<b>GmtCreateFrom</b>	Long	No	1112121000000	The beginning of the time range where the asset is created.
<b>GmtCreateTo</b>	Long	No	1212121000000	The end of the time range where the asset is created.
<b>PageSize</b>	Integer	No	20	The number of entries to return on each page.
<b>Search</b>	String	No	test	The information by which to filter a specified asset.
<b>Source</b>	String	No	UserAdd	The source of the asset to return. Valid values: <ul style="list-style-type: none"> <li>• <b>UserAdd</b></li> <li>• <b>AutoImport</b></li> <li>• <b>ScanDiscover</b></li> </ul>
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.

Parameter	Type	Required	Example	Description
<b>Status</b>	String	No	WaitingFor Verification	The verification status of the asset to return. <ul style="list-style-type: none"> <li>• <b>WaitingForVerification</b></li> <li>• <b>VerificationSuccess</b></li> <li>• <b>VerificationFailure</b></li> <li>• <b>Verifying</b></li> </ul>
<b>Types.N</b>	RepeatListNo	No	ip	The type of the asset to return. Valid values: <ul style="list-style-type: none"> <li>• <b>domain</b>: the root domain of the asset.</li> <li>• <b>ip</b>: the IP address of the asset.</li> <li>• <b>subdomain</b>: the subdomain of the asset.</li> </ul>

### Response parameters

Parameter	Type	Example	Description
Count	Integer	20	The number of data entries returned on the current page.
CurrentPage	Integer	1	The current page number.
List			The list of returned assets.
Asset	String	test.cn	The name of the returned asset.
AssetId	String	eb293323-ccc9-417d-bb03-*****	The ID of the returned asset.
ExpireTime	Long	1592044480000	The expiration time of the returned asset.
GmtCreate	Long	1533543752000	The time at which the asset was created.
LastScanDate	Long	1533543752000	The last scan time of the returned asset.



Parameter	Type	Example	Description
Source	String	UserAdd	The source type of the returned asset.
Type	String	domain	The type of the returned asset.
PageCount	Integer	2	The number of returned pages.
PageSize	Integer	20	The number of entries returned on each page.
RequestId	String	6D584A17-4DA1-4CFD-BB31-*****	The ID of the request.
TotalCount	Integer	36	The total number of returned assets.

## Examples

### Sample requests

```
/? Action=DescribeAssets
&Assets.1='1.2.3.5'
&CurrentPage=1
&GmtCreateFrom=1112121
&GmtCreateTo=1212121
&PageSize=20
&Search=test
&Source=AutoImport
&SourceIp=1.2.3.4
&Types.1=ip
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeAssets>
  <code>200</code>
  <data>
    <Count>20</Count>
    <CurrentPage>1</CurrentPage>
    <List>
      <Asset>test.cn</Asset>
      <AssetId>eb293323-ccc9-417d-bb03-93f7227ea128</AssetId>
      <GmtCreate>1533543752000</GmtCreate>
      <Source>UserAdd</Source>
      <Type>domain</Type>
    </List>
    <List>
      <Asset>***.***.io</Asset>
      <AssetId>0b77e27e-c0d9-40ef-b52d-7d6588e5ea7a</AssetId>
      <GmtCreate>1531125482000</GmtCreate>
```

```
<LastScanDate>2018-07-10T11:11Z</LastScanDate>
<Source>UserAdd</Source>
<Type>subdomain</Type>
</List>
<List>
  <Asset>1.2.3.4</Asset>
  <AssetId>b7691e9e-205d-4681-bd39-1b9a7c0d810a</AssetId>
  <GmtCreate>1524177510000</GmtCreate>
  <LastScanDate>2018-05-21T09:38Z</LastScanDate>
  <Source>ScanDiscover</Source>
  <Type>ip</Type>
</List>
<PageCount>2</PageCount>
<PageSize>20</PageSize>
<TotalCount>36</TotalCount>
</data>
<requestId>6D584A17-4DA1-4CFD-BB31-BDABDF60F906</requestId>
<success>>true</success>
</DescribeAssets>
```

### JSON format

```
{
  "requestId": "6D584A17-4DA1-4CFD-BB31-BDABDF60F906",
  "data": {
    "PageCount": 2,
    "Count": 20,
    "TotalCount": 36,
    "PageSize": 20,
    "List": [
      {
        "Source": "UserAdd",
        "Type": "domain",
        "Asset": "test.cn",
        "GmtCreate": 1533543752000,
        "AssetId": "eb293323-ccc9-417d-bb03-93f7227ea128"
      },
      {
        "Source": "UserAdd",
        "LastScanDate": "2018-07-10T11:11Z",
        "Type": "subdomain",
        "Asset": "***.***.io",
        "GmtCreate": 1531125482000,
        "AssetId": "0b77e27e-c0d9-40ef-b52d-7d6588e5ea7a"
      },
      {
        "Source": "ScanDiscover",
        "LastScanDate": "2018-05-21T09:38Z",
        "Type": "ip",
        "Asset": "1.2.3.4",
        "GmtCreate": 1524177510000,
        "AssetId": "b7691e9e-205d-4681-bd39-1b9a7c0d810a"
      }
    ],
    "currentPage": 1
  },
  "code": 200,
  "success": true
}
```

```
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 4.5 DescribeAssetsByTags

You can call this operation to query the asset list under a specified tag.

You can call this operation to query assets under multiple tags.

### 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
<b>Action</b>	String	Yes	DescribeAssetsByTags	The operation that you want to perform. Set the value to DescribeAssetsByTags.
<b>Tags.N</b>	RepeatList	Yes	['tag1', 'tag2']	Specifies tag N by which to return assets.
<b>CurrentPage</b>	Integer	No	2	The number of the page to return.
<b>Lang</b>	String	No	zh	The language in which the responses are returned. <ul style="list-style-type: none"><li><b>zh</b>: Chinese</li><li><b>en</b>: English</li></ul>
<b>PageSize</b>	Integer	No	20	The number of entries to return on each page.
<b>Search</b>	String	No	1.2.3.5	The information by which to query a specified asset.

Parameter	Type	Required	Example	Description
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.
<b>Type</b>	String	No	ip	The type of the asset to be queried. Valid values: <ul style="list-style-type: none"> <li><b>ip</b>: assets of the IP address type</li> <li><b>domain</b>: assets of the root domain type</li> </ul>
<b>Untagged</b>	Integer	No	0	Specifies whether to return assets without tags. Valid values: 0 and 1.

### Response parameters

Parameter	Type	Example	Description
Count	Integer	14	The number of entries returned on the current page.
CurrentPage	Integer	5	The current page number.
List			The list of returned assets.
Asset	String	test	The name of the returned asset.
AssetId	String	13183b57-f77c-459b-8512-*****	The ID of the returned asset.
ExpireTime	Long	1592044480000	The expiration time of the returned asset.
GmtCreate	Long	1545972690000	The time at which the asset was created.
LastScanDate	Long	1540744470000	The last time when the asset was scanned.

Parameter	Type	Example	Description
Source	String	UserAdd	The source of the returned asset.
Type	String	ip	The type of the returned asset.
PageCount	Integer	7	The number of returned pages.
PageSize	Integer	20	The number of entries returned on each page.
RequestId	String	6A218865-5D7C-42EE-9509-33069D66F284	The ID of the request.
TotalCount	Integer	60	The total number of returned assets.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeAssetsByTags
&CurrentPage=1
&PageSize=20
&Search=test
&Type=ip
&SourceIp=1.2.3.4
&Tags.1='tag1'
&Untagged=0
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeAssetsByTags>
  <code>200</code>
  <data>
    <Count>20</Count>
    <CurrentPage>1</CurrentPage>
    <List>
      <Asset>test.cn</Asset>
      <AssetId>eb293323-ccc9-417d-bb03-93f7227ea128</AssetId>
      <GmtCreate>1533543752000</GmtCreate>
      <Source>UserAdd</Source>
      <Type>domain</Type>
    </List>
    <List>
      <Asset>***.***.io</Asset>
      <AssetGroupId>default</AssetGroupId>
      <AssetId>0b77e27e-c0d9-40ef-b52d-7d6588e5ea7a</AssetId>
      <GmtCreate>1531125482000</GmtCreate>
```

```
<LastScanDate>2018-07-10T11:11Z</LastScanDate>
<Source>UserAdd</Source>
<Type>subdomain</Type>
</List>
<List>
  <Asset>1.2.3.4</Asset>
  <AssetGroupId>default</AssetGroupId>
  <AssetId>b7691e9e-205d-4681-bd39-1b9a7c0d810a</AssetId>
  <GmtCreate>1524177510000</GmtCreate>
  <LastScanDate>2018-05-21T09:38Z</LastScanDate>
  <Source>ScanDiscover</Source>
  <Type>ip</Type>
</List>
<PageCount>2</PageCount>
<PageSize>20</PageSize>
<TotalCount>36</TotalCount>
</data>
<requestId>6D584A17-4DA1-4CFD-BB31-BDABDF60F906</requestId>
<success>true</success>
</DescribeAssetsByTags>
```

### JSON format

```
{
  "requestId": "6D584A17-4DA1-4CFD-BB31-BDABDF60F906",
  "data": {
    "PageCount": 2,
    "Count": 20,
    "TotalCount": 36,
    "PageSize": 20,
    "List": [
      {
        "Source": "UserAdd",
        "Type": "domain",
        "Asset": "test.cn",
        "GmtCreate": 1533543752000,
        "AssetId": "eb293323-ccc9-417d-bb03-93f7227ea128"
      },
      {
        "Source": "UserAdd",
        "LastScanDate": "2018-07-10T11:11Z",
        "AssetGroupId": "default",
        "Type": "subdomain",
        "Asset": "***.***.io",
        "GmtCreate": 1531125482000,
        "AssetId": "0b77e27e-c0d9-40ef-b52d-7d6588e5ea7a"
      },
      {
        "Source": "ScanDiscover",
        "LastScanDate": "2018-05-21T09:38Z",
        "AssetGroupId": "default",
        "Type": "ip",
        "Asset": "1.2.3.4",
        "GmtCreate": 1524177510000,
        "AssetId": "b7691e9e-205d-4681-bd39-1b9a7c0d810a"
      }
    ]
  },
  "currentPage": 1
},
"code": 200,
"success": true
```

```
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 4.6 DescribeUserTags

You can call this operation to query all tags of your assets.

You can call this operation to query all tags of your assets.

### 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
<b>Action</b>	String	Yes	DescribeUserTags	The operation that you want to perform. Set the value to DescribeUserTags.
<b>CurrentPage</b>	Integer	No	20	The number of the page to return.
<b>Lang</b>	String	No	zh	The language in which the responses are returned. <ul style="list-style-type: none"><li><b>zh</b>: Chinese</li><li><b>en</b>: English</li></ul>
<b>PageSize</b>	Integer	No	2	The number of entries to return on each page.
<b>Search</b>	String	No	test. **.com	The search information by which to filter tags of assets.
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.

## Response parameters

Parameter	Type	Example	Description
Count	Integer	25	The number of entries returned on the current page.
CurrentPage	Integer	3	The current page number.
List			The list of returned tags.
AssetCount	Integer	200	The number of returned assets under the tag.
TagKey	String	tag1	The name of the returned tag.
PageCount	Integer	5	The total number of returned pages.
PageSize	Integer	30	The number of entries returned on each page.
RequestId	String	0C992F5D-8568-41B4-9685-05C0DAEAE9D7	The ID of the request.
TotalCount	Integer	60	The total number of returned tags.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeUserTags
&SourceIp=
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeUserTags>
  <code>200</code>
  <requestId>0C992F5D-8568-41B4-9685-05C0DAEAE9D7</requestId>
  <success>true</success>
  <data>
    <List>
      <TagKey>mytag</TagKey>
      <AssetCount>1</AssetCount>
```



```
</List>
</data>
</DescribeUserTags>
```

### JSON format

```
{
  "requestId": "0C992F5D-8568-41B4-9685-05C0DAEAE9D7",
  "data": {
    "List": [
      {
        "TagKey": "mytag",
        "AssetCount": 1
      }
    ]
  },
  "code": "200",
  "success": true
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 5 Scan tasks

---

### 5.1 CreateScan

You can call this operation to create a scan task.

You can call this operation to create vulnerability scan tasks and content detection tasks.

#### 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
<b>Action</b>	String	Yes	CreateScan	The operation that you want to perform. Set the value to CreateScan.
<b>FlowName</b>	String	Yes	assets	The mode of the scan task. <ul style="list-style-type: none"><li>• <b>assets</b>: asset scan</li><li>• <b>general</b>: standard scan</li><li>• <b>skynet_vul_scan</b>: full scan</li></ul>
<b>Name</b>	String	Yes	one-time task	The name of the scan task.
<b>Qps</b>	Integer	Yes	16	The speed of the scan task. Valid values: <ul style="list-style-type: none"><li>• <b>16</b>: slow</li><li>• <b>32</b>: normal</li><li>• <b>64</b>: fast</li></ul>
<b>RuntimeEnd</b>	String	Yes	08:00:00	The end time of the scan.
<b>RuntimeStart</b>	String	Yes	00:00:00	The start time of the scan.

Parameter	Type	Required	Example	Description
<b>ScanType</b>	String	Yes	vuln	The scan type of the task. <ul style="list-style-type: none"> <li><b>vuln</b>: vulnerability type</li> <li><b>content</b>: content risk</li> <li><b>asset</b>: asset discovery</li> </ul>
<b>StartDate</b>	Long	Yes	111122200000	The start time of the scan task.
<b>TriggerType</b>	String	Yes	date	The trigger type of the scan task. Valid values: <ul style="list-style-type: none"> <li><b>date</b>: one time</li> <li><b>interval</b>: periodic</li> </ul>
<b>EnableAssetDiscover</b>	Integer	No	1	Specifies whether to enable asset discovery. Valid values: 0 and 1.
<b>EnableAssetLoginScan</b>	Integer	No	1	Specifies whether to enable logon scan. Valid values: 0 and 1.
<b>EndDate</b>	Long	No	212212000000	The end time of the scan task.
<b>IndexIntervalInMinute</b>	Integer	No	5	The homepage detection interval . Unit: minutes. Valid values: <ul style="list-style-type: none"> <li><b>5</b>: 5 minutes</li> <li><b>30</b>: 30 minutes</li> <li><b>60</b>: 60 minutes</li> </ul>
<b>Interval</b>	Integer	No	5	The interval of the scan.
<b>Keywords.N</b>	RepeatList	No	[]	The list of appended keyword libraries.
<b>Period</b>	String	No	day	The cycle of the scan. <ul style="list-style-type: none"> <li><b>day</b>: once every day</li> <li><b>week</b>: once every week</li> <li><b>month</b>: once every month</li> </ul>

Parameter	Type	Required	Example	Description
<b>ScanAll</b>	Integer	No	1	Specifies whether to scan all assets.
<b>SiteIntervalInDay</b>	Integer	No	1	The full site detection interval. Unit: days. Valid values: <ul style="list-style-type: none"> <li><b>1</b>: once every day</li> <li><b>7</b>: once every seven days</li> </ul>
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.
<b>TargetAssetTags.N</b>	RepeatList	No	[]	The tag list of assets to be scanned.
<b>Targets.N.Id</b>	RepeatList	No	["***.testfire.net"]	The list of assets to be scanned.

### Response parameters

Parameter	Type	Example	Description
Data	String	{ "Data": "2018080617471590979" }	The returned data.
RequestId	String	76F297E0-D4C2-442A-AEAD-AABA97975060	The ID of the request.

### Examples

#### Sample requests

```
/? Action=CreateScan
&FlowName=skynet_vul_scan
&IndexIntervalInMinute=60
&Name=one-time task
&Qps=64
&RuntimeEnd=08:00:00
&RuntimeStart=00:00:00
&ScanAll=0
&ScanType=vuln
&SiteIntervalInDay=7
&SourceIp=1.2.3.4
&StartDate=1552898972897
&TargetAssetTags.1="***.testfire.net"
```

```
&TriggerType=date  
&<Common request parameters>
```

Sample success responses

XML format

```
<CreateScan>  
  <requestId>76F297E0-D4C2-442A-AEAD-AABA97975060</requestId>  
  <data>  
    <Data>2018080617471590979</Data>  
  </data>  
  <code>200</code>  
  <success>>true</success>  
</CreateScan>
```

JSON format

```
{  
  "requestId": "76F297E0-D4C2-442A-AEAD-AABA97975060",  
  "data": {  
    "Data": "2018080617471590979"  
  },  
  "code": 200,  
  "success": true  
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 5.2 DescribeAllVulnerabilities

You can call this operation to query scan results, including the number of detected vulnerabilities and their severity levels.

You can specify query conditions to filter scan results.

### 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
<b>Action</b>	String	Yes	DescribeAllVulnerabilities	The operation that you want to perform. Set the value to DescribeAllVulnerabilities.

Parameter	Type	Required	Example	Description
<b>BeginTime</b>	Long	No	11258600000	The start time of the scan task that you want to query.
<b>Category</b>	String	No	core	The type of vulnerabilities that you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return.
<b>EndTime</b>	Long	No	11258400000	The end time of the scan task that you want to query.
<b>Lang</b>	String	No	zh	The language in which the responses are returned. <ul style="list-style-type: none"><li>• <b>zh</b>: Chinese</li><li>• <b>en</b>: English</li></ul>
<b>Module</b>	String	No	relation_domain	The module of vulnerabilities that you want to query.
<b>Name</b>	String	No	test	The name of the vulnerability that you want to query.
<b>PageSize</b>	Integer	No	20	The number of entries to return on each page.
<b>ScanId</b>	String	No	2018042307022680333	The ID of the scan task that you want to query.
<b>Search</b>	String	No	***.***.net	The name of the asset that you want to query.

Parameter	Type	Required	Example	Description
<b>Severity</b>	Integer	No	0	<p>The severity level of vulnerabilities that you want to query.</p> <ul style="list-style-type: none"> <li>• <b>3</b>: Important. Vulnerabilities that can be directly and easily exploited. Attacks that can cause severe impact on your websites or servers, or cause major financial and data loss.</li> <li>• <b>2</b>: Moderate. Vulnerabilities that can affect your websites or servers, but are difficult to be directly exploited. Attacks that cannot be directly launched against your websites or servers, but can cause vulnerabilities for further attacks.</li> <li>• <b>1</b>: Low. Attacks that cannot be directly launched against your websites or servers, but can provide information for attackers to find other vulnerabilities.</li> <li>• <b>0</b>: Info. Vulnerabilities that do not directly cause website security issues, but may provide information for other attacks, or can be used in other attack methods.</li> </ul>
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.
<b>Status</b>	String	No	0	<p>The status of vulnerabilities that you want to query.</p> <ul style="list-style-type: none"> <li>• <b>0</b>: unhandled</li> <li>• <b>1</b>: handled</li> <li>• <b>2</b>: whitelisted</li> <li>• <b>3</b>: ignored</li> </ul>

Parameter	Type	Required	Example	Description
<b>TaskId</b>	Long	No	1111111	The ID of the task that you want to query.



Parameter	Type	Required	Example	Description
<b>VulType</b>	Long	No	1	<p>The type of vulnerabilities that you want to query. Valid values:</p> <ul style="list-style-type: none"> <li>• 1: invalid identity authentication</li> <li>• 2: invalid access control</li> <li>• 3: command injection</li> <li>• 4: cross-site request forgery</li> <li>• 5: reflected cross-site scripting (XSS)</li> <li>• 6: stored XSS</li> <li>• 7: DOM-based XSS</li> <li>• 8: encryption problems</li> <li>• 9: denial of service (DoS)</li> <li>• 10: violation of security design principles</li> <li>• 11: CRLF injection (HTTP response splitting)</li> <li>• 12: sensitive information leakage</li> <li>• 13: buffer overflow</li> <li>• 14: unauthorized</li> <li>• 15: code execution</li> <li>• 16: SQL injection</li> <li>• 17: server-side request forgery</li> <li>• 18: clickjacking</li> <li>• 19: unverified redirection</li> <li>• 20: XML external entity (XXE)</li> <li>• 21: plaintext storage of passwords</li> <li>• 22: phishing</li> <li>• 23: malware or Trojan</li> <li>• 24: backdoor</li> <li>• 25: service logic error</li> <li>• 26: plaintext storage of sensitive information</li> <li>• 27: plaintext transmission of sensitive information</li> <li>• 28: man-in-the-middle attack</li> <li>• 29: path traversal</li> <li>• 30: file inclusion</li> <li>• 31: session fixation</li> <li>• 32: race condition vulnerability</li> <li>• 33: type confusion</li> </ul>

**Response parameters**

Parameter	Type	Example	Description
Count	Integer	10	The number of returned vulnerabilities.
CurrentPage	Integer	1	The page number of the returned page.
List			The returned list of vulnerabilities.
Hostname	String	***.***.net	The name of the asset where the vulnerability was detected.
Id	Long	1833085	The ID of the vulnerability.
LastDiscoveredAt	Long	1531191806000	The time when the vulnerability was last detected.
Name	String	Microsoft IIS version leakage	The name of the vulnerability.
Severity	Integer	0	The severity level of the vulnerability.
Status	Integer	0	The status of the vulnerability.
Target	String	http://***.testfire.net/	The asset that was affected by the vulnerability.
VulnerabilityTypeDes	String	Invalid identity authentication	The type of the vulnerability. For example, invalid identity authentication, invalid access control, SQL injection, or command injection.
PageCount	Integer	2	The number of returned pages.
PageSize	Integer	20	The number of entries returned per page.

Parameter	Type	Example	Description
RequestId	String	DFF34FB0-12D9-4B8B-9DD4-1BD89A33950F	The ID of the request.
TotalCount	Integer	22	The number of returned vulnerabilities

## Examples

### Sample requests

```
/? Action=DescribeAllVulnerabilities
&BeginTime=11111111
&Category=core
&CurrentPage=1
&EndTime=11111111
&Lang=en
&Module=relation_domain
&Name=test
&PageSize=20
&ScanId=2018042307022680333
&Search=***.testfire.net
&Severity=0
&SourceIp=1.2.3.4
&Status=0
&TaskId=1111111
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeAllVulnerabilities>
  <requestId>DFF34FB0-12D9-4B8B-9DD4-1BD89A33950F</requestId>
  <data>
    <PageCount>3</PageCount>
    <Count>10</Count>
    <TotalCount>22</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <List>
      <Name>Microsoft IIS version leakage</Name>
      <Status>3</Status>
      <Severity>0</Severity>
      <Target>http://***.testfire.net/</Target>
      <Id>1833085</Id>
      <LastDiscoveredAt>1531191806000</LastDiscoveredAt>
      <Hostname>***.testfire.net</Hostname>
      <TaskId>11220</TaskId>
      <VulnerabilityTypeDes>invalid identity authentication</VulnerabilityTypeDes>
    </List>
    <List>
      <Name>Microsoft IIS version leakage</Name>
      <Status>0</Status>
```

```
<Severity>0</Severity>
<Target>https://***.testfire.net/</Target>
<Id>1833086</Id>
<LastDiscoveredAt>1531191806000</LastDiscoveredAt>
<Hostname>***.testfire.net</Hostname>
<TaskId>11221</TaskId>
<VulnerabilityTypeDes>invalid access control</VulnerabilityTypeDes>
</List>
<List>
  <Name>OPTIONS method allowed by the server</Name>
  <Status>0</Status>
  <Severity>1</Severity>
  <Target>http://***.testfire.net:80</Target>
  <Id>1833088</Id>
  <LastDiscoveredAt>1531191612000</LastDiscoveredAt>
  <Hostname>***.testfire.net</Hostname>
  <TaskId>11222</TaskId>
  <VulnerabilityTypeDes>invalid identity authentication</VulnerabilityTypeDes>
</List>
<List>
  <Name>ASP.NET DEBUG mode enabled</Name>
  <Status>0</Status>
  <Severity>1</Severity>
  <Target>http://***.testfire.net</Target>
  <Id>1833090</Id>
  <LastDiscoveredAt>1531191612000</LastDiscoveredAt>
  <Hostname>***.testfire.net</Hostname>
  <TaskId>11223</TaskId>
  <VulnerabilityTypeDes>SQL injection</VulnerabilityTypeDes>
</List>
<List>
  <Name>ASP.NET DEBUG mode enabled</Name>
  <Status>0</Status>
  <Severity>1</Severity>
  <Target>https://***.testfire.net</Target>
  <Id>1833091</Id>
  <LastDiscoveredAt>1531191612000</LastDiscoveredAt>
  <Hostname>***.testfire.net</Hostname>
  <TaskId>11224</TaskId>
  <VulnerabilityTypeDes>command injection</VulnerabilityTypeDes>
</List>
<List>
  <Name>OPTIONS method allowed by the server</Name>
  <Status>0</Status>
  <Severity>1</Severity>
  <Target>https://***.testfire.net:443</Target>
  <Id>1833094</Id>
  <LastDiscoveredAt>1531191612000</LastDiscoveredAt>
  <Hostname>***.testfire.net</Hostname>
  <TaskId>11225</TaskId>
  <VulnerabilityTypeDes>invalid identity authentication</VulnerabilityTypeDes>
</List>
<List>
  <Name>web sensitive directory detection</Name>
  <Status>3</Status>
  <Severity>1</Severity>
  <Target>http://***.testfire.net:8080/docs/</Target>
  <Id>1833096</Id>
  <LastDiscoveredAt>1531191612000</LastDiscoveredAt>
  <Hostname>***.testfire.net</Hostname>
  <TaskId>11226</TaskId>
  <VulnerabilityTypeDes>invalid access control</VulnerabilityTypeDes>
</List>
<List>
```

```

<Name>OPTIONS method allowed by the server</Name>
<Status>0</Status>
<Severity>1</Severity>
<Target>http://***.testfire.net:80</Target>
<Id>1833073</Id>
<LastDiscoveredAt>1531190450000</LastDiscoveredAt>
<Hostname>***.testfire.net</Hostname>
<TaskId>11227</TaskId>
<VulnerabilityTypeDes>SQL injection</VulnerabilityTypeDes>
</List>
<List>
<Name>ASP.NET DEBUG mode enabled</Name>
<Status>0</Status>
<Severity>1</Severity>
<Target>http://***.testfire.net</Target>
<Id>1833074</Id>
<LastDiscoveredAt>1531190450000</LastDiscoveredAt>
<Hostname>***.testfire.net</Hostname>
<TaskId>11228</TaskId>
<VulnerabilityTypeDes>invalid access control</VulnerabilityTypeDes>
</List>
<List>
<Name>OPTIONS method allowed by the server</Name>
<Status>0</Status>
<Severity>1</Severity>
<Target>https://***.testfire.net:443</Target>
<Id>1833078</Id>
<LastDiscoveredAt>1531190450000</LastDiscoveredAt>
<Hostname>***.testfire.net</Hostname>
<TaskId>11229</TaskId>
<VulnerabilityTypeDes>code execution</VulnerabilityTypeDes>
</List>
</data>
<code>200</code>
<success>>true</success>
</DescribeAllVulnerabilities>

```

### JSON format

```

{
  "requestId": "DFF34FB0-12D9-4B8B-9DD4-1BD89A33950F",
  "data": {
    "PageCount": 3,
    "Count": 10,
    "TotalCount": 22,
    "PageSize": 10,
    "List": [
      {
        "Name": "Microsoft IIS version leakage",
        "Status": 3,
        "Target": "http://***.testfire.net/",
        "Severity": 0,
        "VulnerabilityTypeDes": "invalid identity authentication",
        "LastDiscoveredAt": 1531191806000,
        "Id": 1833085,
        "TaskId": 11220,
        "Hostname": "***.testfire.net"
      },
      {
        "Name": "Microsoft IIS version leakage",
        "Status": 0,
        "Target": "https://***.testfire.net/",
        "Severity": 0,

```

```
"VulnerabilityTypeDes":"Invalid access control",
"LastDiscoveredAt":1531191806000,
"Id":1833086,
"TaskId":11221,
"Hostname":"***.testfire.net"
},
{
  "Name":"OPTIONS method allowed by the server",
  "Status":0,
  "Target":"http://***.testfire.net:80",
  "Severity":1,
  "VulnerabilityTypeDes":"invalid identity authentication",
  "LastDiscoveredAt":1531191612000,
  "Id":1833088,
  "TaskId":11222,
  "Hostname":"***.testfire.net"
},
{
  "Name":"ASP.NET DEBUG mode enabled",
  "Status":0,
  "Target":"http://***.testfire.net",
  "Severity":1,
  "VulnerabilityTypeDes":"SQL injection",
  "LastDiscoveredAt":1531191612000,
  "Id":1833090,
  "TaskId":11223,
  "Hostname":"***.testfire.net"
},
{
  "Name":"ASP.NET DEBUG mode enabled",
  "Status":0,
  "Target":"https://***.testfire.net",
  "Severity":1,
  "VulnerabilityTypeDes":"command injection",
  "LastDiscoveredAt":1531191612000,
  "Id":1833091,
  "TaskId":11224,
  "Hostname":"***.testfire.net"
},
{
  "Name":"OPTIONS method allowed by the server",
  "Status":0,
  "Target":"https://***.testfire.net:443",
  "Severity":1,
  "VulnerabilityTypeDes":"invalid identity authentication",
  "LastDiscoveredAt":1531191612000,
  "Id":1833094,
  "TaskId":11225,
  "Hostname":"***.testfire.net"
},
{
  "Name":"web sensitive directory detection",
  "Status":3,
  "Target":"http://***.testfire.net:8080/docs/",
  "Severity":1,
  "VulnerabilityTypeDes":"Invalid access control",
  "LastDiscoveredAt":1531191612000,
  "Id":1833096,
  "TaskId":11226,
  "Hostname":"***.testfire.net"
},
{
  "Name":"OPTIONS method allowed by the server",
  "Status":0,
```

```
"Target":"http://***.testfire.net:80",
"Severity":1,
"VulnerabilityTypeDes":"SQL injection",
"LastDiscoveredAt":1531190450000,
"Id":1833073,
"TaskId":11227,
"Hostname":"***.testfire.net"
},
{
  "Name":"ASP.NET DEBUG mode enabled",
  "Status":0,
  "Target":"http://***.testfire.net",
  "Severity":1,
  "VulnerabilityTypeDes":"Invalid access control",
  "LastDiscoveredAt":1531190450000,
  "Id":1833074,
  "TaskId":11228,
  "Hostname":"***.testfire.net"
},
{
  "Name":"OPTIONS method allowed by the server",
  "Status":0,
  "Target":"https://***.testfire.net:443",
  "Severity":1,
  "VulnerabilityTypeDes":"code execution",
  "LastDiscoveredAt":1531190450000,
  "Id":1833078,
  "TaskId":11229,
  "Hostname":"***.testfire.net"
}
],
"CurrentPage":1
},
"code":200,
"success":true
}
```

## Error codes

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

## 5.3 DescribeScans

You can call this operation to query scan tasks.

This API supports pagination, which returns specific pages of the query results. This allows you to view information such as the progress of the scan.

## 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
<b>Action</b>	String	Yes	DescribeScans	The operation that you want to perform. Set the value to DescribeScans.
<b>CurrentPage</b>	Integer	No	1	The page number of the scan task list.
<b>Lang</b>	String	No	zh	The language in which the list of scan tasks is returned. Valid values: <ul style="list-style-type: none"><li>• <b>zh</b>: Chinese</li><li>• <b>en</b>: English</li></ul>
<b>PageSize</b>	Integer	No	20	The number of scan tasks to return on each page.
<b>ScanId</b>	String	No	2019031816 494923023	The ID of the scan task.
<b>ScanType</b>	String	No	vuln	The scan type of the task. Valid values: <ul style="list-style-type: none"><li>• <b>vuln</b>: vulnerability type</li><li>• <b>content</b>: content risk</li></ul>
<b>Search</b>	String	No	***.***.net	The query condition (task name, IP address, or domain name) for the task to be queried.
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.



Parameter	Type	Required	Example	Description
<b>StatusList.N</b>	RepeatList	No	["finished"]	The status of the scan task. <ul style="list-style-type: none"> <li>• <b>waiting</b></li> <li>• <b>finished</b></li> <li>• <b>running</b></li> <li>• <b>aborted</b></li> <li>• <b>invalid</b></li> <li>• <b>disabled</b></li> </ul>
<b>TriggerType</b>	String	No	date	The trigger type of the scan task. Valid values: <ul style="list-style-type: none"> <li>• <b>date</b>: one time</li> <li>• <b>interval</b>: periodic</li> </ul>

**Response parameters**

Parameter	Type	Example	Description
Count	Integer	3	The number of returned scan tasks.
CurrentPage	Integer	1	The current page number of the returned task list.
List			The list of scan tasks.
CronActive	String	1	The scheduling status of the scan task <ul style="list-style-type: none"> <li>• <b>1</b>: active, indicating that the scan task can be scheduled.</li> <li>• <b>0</b>: invalid, indicating that the scan task cannot be scheduled.</li> </ul>
EndDate	Long	212212000000	The end time of the returned scan task

Parameter	Type	Example	Description
FlowName	String	skynet_vul_scan	The vulnerability scan mode of the returned task. <ul style="list-style-type: none"> <li>• <b>assets</b>: asset scan</li> <li>• <b>general</b>: standard scan</li> <li>• <b>skynet_vul_scan</b>: full scan</li> </ul>
IndexIntervalInMinute	Integer	5	The homepage detection interval of the returned task.
Interval	Integer	10	The scan interval of the returned task.
JobStatistics	String	running	The statistics of the returned task instance. Valid values: <ul style="list-style-type: none"> <li>• <b>running</b></li> <li>• <b>finished</b></li> <li>• <b>aborted</b></li> </ul>
KeyWords		65084125-edc6-4ef3-931f-c3e87945631e	The ID of the appended keyword library.
LastScheduleDate	Long	1111000000	The timestamp of the last scheduled task.
Name	String	test_0710-3	The name of the returned task.
NextRunDate	Long	1212100000	The expected start time of the next scan for each returned task.
Period	String	minute	The cycle of each scan task. <ul style="list-style-type: none"> <li>• <b>minute</b>: every minute</li> <li>• <b>hour</b>: every hour</li> <li>• <b>day</b>: every day</li> <li>• <b>week</b>: every week</li> <li>• <b>month</b>: every month</li> </ul>
RefJobId	String	65084125-edc6-4ef3-931f-c3e87945631e	The ID of the scan task that is associated with the task.

Parameter	Type	Example	Description
ReportUrl	String	http://***.com	The link of the generated report for each returned task.
RunPercent	Float	100.0	The progress (in percentage) of the task that is in the running state.
RuntimeEnd	String	1545972690000	The start time of the returned scan task.
RuntimeStart	String	1545972690000	The end time of the returned scan task.
ScanAll	Integer	1	Indicates whether all assets have been scanned.
ScanId	String	2018071010 171127450	The task ID of the corresponding scan task.
ScanType	String	vuln	The scan type of the returned task. <ul style="list-style-type: none"> <li>• <b>vuln</b>: vulnerability type</li> <li>• <b>content</b>: content risk</li> </ul>
SiteIntervalInDay	Integer	1	The site detection interval of the returned task. Unit: days.
StartDate	Long	111122200000	The start time of each returned task.
Status	String	running	The scan status of the returned task. <ul style="list-style-type: none"> <li>• <b>waiting</b></li> <li>• <b>finished</b></li> <li>• <b>running</b></li> <li>• <b>aborted</b></li> <li>• <b>invalid</b></li> <li>• <b>disabled</b></li> </ul>
Targets		["demo.testfire.net"]	The name of the asset (IP address, domain name, or subdomain name).

Parameter	Type	Example	Description
TargetsOriginal		testtag	The original content of the asset when the scan task was created, that was, the group label of the scanned asset.
TriggerType	String	date	The trigger type of the returned task. <ul style="list-style-type: none"> <li><b>date</b>: one time</li> <li><b>interval</b>: periodic</li> </ul>
PageCount	Integer	1	The number of returned pages.
PageSize	Integer	20	The number of entries returned per page.
RequestId	String	B92696EA-44DE-4DE4-B3B7-07655394DC7C	The ID of the request.
TotalCount	Integer	4	The number of returned scan tasks.

## Examples

### Sample requests

```
/? Action=DescribeScans
&CurrentPage=1
&Lang=zh
&PageSize=20
&ScanType=vuln
&Search=***.***.net
&SourceIp=1.2.3.4
&StatusList.1=["finished"]
&TriggerType=date
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeScans>
  <requestId>B92696EA-44DE-4DE4-B3B7-07655394DC7C</requestId>
  <data>
    <PageCount>1</PageCount>
    <Count>3</Count>
    <TotalCount>3</TotalCount>
    <PageSize>20</PageSize>
    <CurrentPage>1</CurrentPage>
    <List>
```

```

<Name>test_0710-3</Name>
<RefJobId>65084125-edc6-4ef3-931f-c3e87945631e</RefJobId>
<Status>finished</Status>
<ScanType>vuln</ScanType>
<EndDate>1531191010000</EndDate>
<RunPercent>100</RunPercent>
<StartDate>1531190450000</StartDate>
<ReportUrl>http://***.com/VUL_REPORT/d3ba039d-24cf-46e3-8ffb-ee56d8de40
b0?Expires=1533555431&OSSAccessKeyId=FGV18akrKbiBvLIU&Signature=
CmFMLzRlFOqETWWqj01mYpkKZlo%3D</ReportUrl>
<FlowName>skynet</FlowName>
<TriggerType>date</TriggerType>
<Targets>***.***.net</Targets>
<ScanAll>0</ScanAll>
<ScanId>2018071010384940572</ScanId>
</List>
<List>
<Name>test_0710-2</Name>
<RefJobId>5c2d86bf-ace4-4c62-86e0-63f0b1e1413b</RefJobId>
<Status>finished</Status>
<ScanType>vuln</ScanType>
<EndDate>1531189680000</EndDate>
<RunPercent>100</RunPercent>
<StartDate>1531189151000</StartDate>
<ReportUrl>http://***.com/VUL_REPORT/29e66729-d571-489d-bc23-9d4cac9e283
?Expires=1533555431&OSSAccessKeyId=FGV18akrKbiBvLIU&Signature=x0BVqK
%2B4BpKfZkGzYSaKJAWFLB4%3D</ReportUrl>
<FlowName>skynet</FlowName>
<TriggerType>date</TriggerType>
<Targets>***.***.net</Targets>
<ScanAll>0</ScanAll>
<ScanId>2018071010171127450</ScanId>
</List>
<List>
<Name>test_0709-7</Name>
<RefJobId>6e504749-3ddc-47b5-a1e8-4e772a784122</RefJobId>
<Status>finished</Status>
<ScanType>vuln</ScanType>
<EndDate>1531139501000</EndDate>
<RunPercent>100</RunPercent>
<StartDate>1531138568000</StartDate>
<ReportUrl>http://***.com/VUL_REPORT/1a4415a0-ac30-4240-b6ae-7fe137152b
db?Expires=1533555431&OSSAccessKeyId=FGV18akrKbiBvLIU&Signature=WJ%
2B5TWNQJ6CRshuGvFPPnvBifZc%3D</ReportUrl>
<FlowName>skynet</FlowName>
<TriggerType>date</TriggerType>
<Targets>***.***.net</Targets>
<ScanAll>0</ScanAll>
<ScanId>2018070920140740337</ScanId>
</List>
</data>
<code>200</code>
<success>>true</success>
</DescribeScans>

```

### JSON format

```

{
  "requestId": "B92696EA-44DE-4DE4-B3B7-07655394DC7C",
  "data": {
    "PageCount": 1,
    "Count": 3,
    "TotalCount": 3,

```

```
"PageSize":20,
"List":[
  {
    "ScanType":"vuln",
    "Name":"test_0710-3",
    "RefJobId":"65084125-edc6-4ef3-931f-c3e87945631e",
    "Status":"finished",
    "EndDate":1531191010000,
    "RunPercent":100,
    "StartDate":1531190450000,
    "ReportUrl":"http://***.com/VUL_REPORT/d3ba039d-24cf-46e3-8ffb-ee56d8de40
b0?Expires=1533555431&OSSAccessKeyId=FGV18akrKbiBvLIU&Signature=CmFMLzRIFO
qETWWqj01mYpkKZlo%3D",
    "FlowName":"skynet",
    "TriggerType":"date",
    "Targets":[
      "***.***.net"
    ],
    "ScanAll":0,
    "ScanId":"2018071010384940572"
  },
  {
    "ScanType":"vuln",
    "Name":"test_0710-2",
    "RefJobId":"5c2d86bf-ace4-4c62-86e0-63f0b1e1413b",
    "Status":"finished",
    "EndDate":1531189680000,
    "RunPercent":100,
    "StartDate":1531189151000,
    "ReportUrl":"http://***.com/VUL_REPORT/29e66729-d571-489d-bc23-9d4cacf9e2
83?Expires=1533555431&OSSAccessKeyId=FGV18akrKbiBvLIU&Signature=x0BVqK%
2B4BpKfZkGzYSaKJAWFLB4%3D",
    "FlowName":"skynet",
    "TriggerType":"date",
    "Targets":[
      "***.***.net"
    ],
    "ScanAll":0,
    "ScanId":"2018071010171127450"
  },
  {
    "ScanType":"vuln",
    "Name":"test_0709-7",
    "RefJobId":"6e504749-3ddc-47b5-a1e8-4e772a784122",
    "Status":"finished",
    "EndDate":1531139501000,
    "RunPercent":100,
    "StartDate":1531138568000,
    "ReportUrl":"http://***.com/VUL_REPORT/1a4415a0-ac30-4240-b6ae-7fe137152bdb
?Expires=1533555431&OSSAccessKeyId=FGV18akrKbiBvLIU&Signature=WJ%2B5TWNQJ6C
RshuGvFPPnvBifZc%3D",
    "FlowName":"skynet",
    "TriggerType":"date",
    "Targets":[
      "***.***.net"
    ],
    "ScanAll":0,
    "ScanId":"2018070920140740337"
  }
],
"CurrentPage":1
},
"code":200,
"success":true
```

```
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 5.4 DescribeScanSessions

You can call this operation to query task instances generated for scan tasks.

You can call this operation to query task instances generated for scan tasks by pagination.

### 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
<b>Action</b>	String	Yes	DescribeScanSessions	The operation that you want to perform. Set the value to DescribeScanSessions.
<b>CurrentPage</b>	Integer	No	3	The number of the page to return.
<b>PageSize</b>	Integer	No	20	The number of entries to return on each page.
<b>ScanId</b>	String	No	66c07fa5-542b-47df-8501-e0401dc42d3e	The ID of the scan task for which the task instance is generated.
<b>Search</b>	String	No	1.2.*.*	The search field of the scan task for which the task instance is generated.
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.

Parameter	Type	Required	Example	Description
<b>StatusList.N</b>	RepeatListNo		waiting	<p>The status of the subtask for which the task instance is generated.</p> <ul style="list-style-type: none"> <li>• <b>waiting</b></li> <li>• <b>finished</b></li> <li>• <b>running</b></li> <li>• <b>aborted</b></li> </ul>

### Response parameters

Parameter	Type	Example	Description
Count	Integer	20	The number of entries returned.
CurrentPage	Integer	5	The current page number.
List			The list of returned task instances.
CreatedAt	Long	1565690460000	The time at which the scan was created.
FinishedAt	Long	1565690260000	The time at which the scan was ended.
Interval	Integer	1	The interval between scan tasks.
JobStatus	String	waiting	<p>The status of the subtask.</p> <ul style="list-style-type: none"> <li>• <b>waiting</b></li> <li>• <b>finished</b></li> <li>• <b>running</b></li> <li>• <b>aborted</b></li> </ul>
Name	String	test	The name of the returned scan task.



Parameter	Type	Example	Description
Period	String	hour	The cycle of each scan task. <ul style="list-style-type: none"> <li>• <b>minute</b>: every minute</li> <li>• <b>hour</b>: every hour</li> <li>• <b>day</b>: every day</li> <li>• <b>week</b>: every week</li> <li>• <b>month</b>: every month</li> </ul>
ReportStatus	String	running	The status of the reports generated for the task instances. <ul style="list-style-type: none"> <li>• <b>failed</b></li> <li>• <b>finished</b></li> <li>• <b>running</b></li> <li>• <b>inexistent</b></li> </ul>
ReportUrl	String	http://***.com	The report link generated for the each task instance.
RunPercent	Float	10.21	The scan progress of the task instance .
ScanId	String	c0065a11-fe41-44f4-a5d2-b921316ddb52	The ID of the subtask for which the task instance is generated.
Targets		["1.2.3.5"]	The targets, such as IP, domain name , and subdomain name, of the task instance.
TaskId	Long	1236984	The ID of the task instance.
TriggerType	String	date	The trigger type of the subtask for which the task instance is generated. <ul style="list-style-type: none"> <li>• <b>date</b>: one time</li> <li>• <b>interval</b>: periodic task</li> </ul>
PageCount	Integer	20	The number of returned pages.

Parameter	Type	Example	Description
PageSize	Integer	20	The number of returned entries per page.
RequestId	String	F8955687-DDFC-4FE1-BC67-5C613657B8E5	The ID of the request.
TotalCount	Integer	30	The number of returned task instances.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeScanSessions
&CurrentPage=1
&PageSize=20
&ScanId=1111
&Search=task name
&SourceIp=1.2.3.4
&StatusList.1="finished"
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeScanSessions>
  <code>200</code>
  <requestId>F8955687-DDFC-4FE1-BC67-5C613657B8E5</requestId>
  <success>true</success>
  <data>
    <List>
      <TaskId>11</TaskId>
      <ScanId>11111</ScanId>
      <jobStatus>waiting</jobStatus>
      <CreatedAt>111212121</CreatedAt>
      <FinishedAt>12121</FinishedAt>
      <name>test</name>
      <targets>1.2.3.5</targets>
      <triggerType>date</triggerType>
      <period>hour</period>
      <interval>1</interval>
      <reportStatus>running</reportStatus>
      <reportUrl>http://***.com</reportUrl>
    </List>
    <PageNumber>1</PageNumber>
    <PageSize>20</PageSize>
    <TotalCount>100</TotalCount>
  </data>
```

```
</DescribeScanSessions>
```

### JSON format

```
{
  "requestId": "F8955687-DDFC-4FE1-BC67-5C613657B8E5",
  "data": {
    "pageNumber": 1,
    "totalCount": 100,
    "pageSize": 20,
    "list": [
      {
        "reportUrl": "http://***.com",
        "interval": 1,
        "name": "test",
        "reportStatus": "running",
        "jobStatus": "waiting",
        "taskId": 11,
        "period": "hour",
        "triggerType": "date",
        "targets": [
          "1.2.3.5"
        ],
        "finishedAt": 12121,
        "createdAt": 111212121,
        "scanId": 11111
      }
    ],
    "code": "200",
    "success": true
  }
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 5.5 DescribeVulnerability

You can call this operation to query vulnerability details.

You can call this operation to query vulnerability details, including the description, category, proof, impact, and solution.

### 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
<b>Action</b>	String	Yes	DescribeVulnerability	The operation that you want to perform. Set the value to DescribeVulnerability.
<b>Id</b>	Long	Yes	1	The ID of the vulnerability to query details.
<b>Lang</b>	String	No	zh	The language in which the responses are returned.
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.

### Response parameters

Parameter	Type	Example	Description
Args	String	{}	The returned value of the scan plug-in .

Parameter	Type	Example	Description
Data	String	<pre>{   "host": "120.0.0.0",   "port": 2181,   "proof": "Environment:\\nzookeeper.version=3.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/27/2018 03:55 GMT\\nhost.name=iZbp1fqhkn u8ntff13g4m8Z\\njava.version=1.8.0_181\\njava.vendor=Oracle Corporation\\njava.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64/jre\\njava.class.path=/home/duwenwen/tools/zookeeper/bin/../build/classes:/home/duwenwen/tools/zookeeper/bin/../build/lib/*jar:/home/duwenwen/tools/zookeeper/bin/../lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools/zookeeper/bin/.. \\n"} }</pre>	The description about the returned value of the scan plug-in.

Parameter	Type	Example	Description
Description	String	ZooKeeper is a distributed, open-source coordination service for distributed applications, which provides functions such as configuration maintenance, domain name service, distributed synchronization, and group service. By default, Zookeeper can be accessed without authorization. For Zookeeper that is open to the public network, the possibility of information leakage exists, which leads to potential high risks.	The details about the risk.
Hostname	String	1.2.3.4	The name of the affected asset.
Id	Long	11507253	The ID of the returned vulnerability.
Impact	String	Information leakage or DoS threats to cluster services.	The impact that is included in vulnerability details.
LastDiscoveredAt	Long	15678900000	The time at which the vulnerability was detected.

Parameter	Type	Example	Description
Name	String	Unauthoriz ed access to ZooKeeper	The name of the vulnerability.

Parameter	Type	Example	Description
Poc	String	<pre> \r\nVulnerability address: 1. 2.3.4 port: 2181 \r\nReturned content:\r\n&lt;pre&gt;Environment:\nzookeeper. version=3.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/27/2018 03:55 GMT\r\nhost.name=iZbp1fqhkn u8ntff13g4m8Z\r\njava.version=1.8.0_181\r\njava.vendor=Oracle Corporation\r\njava.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64/jre\r\njava.class.path=/home/duwenwen/tools/zookeeper/bin/../build/classes:/home/duwenwen/tools/zookeeper/bin/../build/lib/*jar:/home/duwenwen/tools/zookeeper/bin/../lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools/zookeeper/bin/../ </pre>	The proof that is included in vulnerability details.



Parameter	Type	Example	Description
Reference	String	http://***.com	The related technical reference that is included in vulnerability details.
RequestId	String	6AAFCBCE-3494-4BF4-AA20-CD4BE491D22B	The ID of the request.
Severity	Integer	1	The severity level that is included in vulnerability details.
Solution	String	1. Do not expose Zookeeper to the public network. r\n2. Add access control policies by selecting the corresponding method based on the actual situation: user authorization , user name and password authentication, and specific IP addresses.	The solutions and suggestions that are included in vulnerability details.
Success	Boolean	true	Indicates whether the request is successful. <ul style="list-style-type: none"> <li>• <b>true</b>: success</li> <li>• <b>false</b>: failure</li> </ul>
Target	String	1.2.3.4	The asset target.
Vulnerability			The list of returned vulnerability details.
Args	String	{}	The returned value of the scan plug-in .

Parameter	Type	Example	Description
CommonType	String	Invalid access control	The common types of vulnerabilities that are included in vulnerability details.
Cwe	String	CWE-284	The Common Weakness Enumeration (CWE) information that is included in vulnerability details.

Parameter	Type	Example	Description
Data	String	<pre>{   "host": "1.2.3.4",   "port": 2181,   "proof": "\nEnvironment:\nznzookeeper.version=3.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/27/2018 03:55 GMT\nhostname=iZbp1fqhkn\nu8ntff13g4m8Z\n\njava.version=1.8.0_181\n\njava.vendor=Oracle Corporation\n\njava.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64/jre\n\njava.class.path=/home/duwenwen/tools/zookeeper/bin/./build/classes:/home/duwenwen/tools/zookeeper/bin/./build/lib/*jar:/home/duwenwen/tools/zookeeper/bin/./lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools/zookeeper/bin/./\n"} </pre>	The description about the returned value of the scan plug-in.

Parameter	Type	Example	Description
Description	String	ZooKeeper is a distributed, open-source coordination service for distributed applications, which provides functions such as configuration maintenance, domain name service, distributed synchronization, and group service. By default, Zookeeper can be accessed without authorization. For Zookeeper that is open to the public network, the possibility of information leakage exists, which leads to potential high risks.	The description in vulnerability details.
Hostname	String	120.0.0.0	The name of the affected asset.
Id	Long	11507253	The ID of the returned vulnerability.
Impact	String	Information leakage or DoS threats to cluster services.	The impact that is included in vulnerability details.
LastDiscoveredAt	Long	2018092100000	The time at which the vulnerability was detected.

Parameter	Type	Example	Description
Name	String	Unauthorized access to ZooKeeper	The name of the vulnerability.
Owasp	String	OWASP A5 Invalid access control	The Open Web Application Security Project (OWASP) information that is included in vulnerability details.

Parameter	Type	Example	Description
Poc	String	<pre> \r\nVulnerability address: 1.2.3.4 port: 2181 \r\nReturned content:\r\n&lt;pre&gt;Environment:\nzookeeper.version=3.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/27/2018 03:55 GMT\r\nhost.name=iZbp1fqhkn u8ntff13g4m8Z\r\njava.version=1.8.0_181\r\njava.vendor=Oracle Corporation\r\njava.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64/jre\r\njava.class.path=/home/duwenwen/tools/zookeeper/bin/../build/classes:/home/duwenwen/tools/zookeeper/bin/../build/lib/*jar:/home/duwenwen/tools/zookeeper/bin/../lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools/zookeeper/bin/../&lt;/pre&gt;\r\n </pre>	The proof that is included in vulnerability details.

Parameter	Type	Example	Description
Reference	String	http://***.com	The related technical reference that is included in vulnerability details.
Severity	Integer	0	The severity level that is included in vulnerability details.
Solution	String	1. Do not expose Zookeeper to the public network. r\n2. Add access control policies by selecting the corresponding method based on the actual situation: user authorization , user name and password authentication, and specific IP addresses.	The solutions and suggestions that are included in vulnerability details.
Status	Integer	1	The processing status of the vulnerability.
Target	String	1.2.3.4	The affected target.
Wasc	String	WASC-2	The Web Application Security Consortium (WASC) information that is included in vulnerability details.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeVulnerability
&id=11369052
&SourceIp=1.2.3.4
&<Common request parameters>
```

### Sample success responses

## XML format

```

<DescribeVulnerability>
  <Vulnerability>
    <Impact>Information leakage or DoS threats to cluster services. </Impact>
    <Status>0</Status>
    <Args>{"host": "1.2.3.4", "port": 2181, "qps": 1}</Args>
    <Description>ZooKeeper is a distributed, open-source coordination service for
distributed applications, which provides functions such as configuration maintenanc
e, domain name service, distributed synchronization, and group service. By default,
ZooKeeper can be accessed without authorization.
For ZooKeeper that is open to the public network, the possibility of information leakage
exists, which leads to potential high risks. </Description>
    <Poc>
      Vulnerability address: 1.2.3.4 Port: 2181
      Returned content:
      &lt;pre&gt;Environment:
      zookeeper.version=3.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/
27/2018 03:55 GMT
      host.name=iZbp1fqhknu8ntff13g4m8Z
      java.version=1.8.0_181
      java.vendor=Oracle Corporation
      java.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64/jre
      java.class.path=/home/duwenwen/tools/zookeeper/bin/./build/classes:/home/
duwenwen/tools/zookeeper/bin/./build/lib/*.jar:/home/duwenwen/tools/zookeeper/
bin/./lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools/zookeeper/bin/./&lt;/pre&gt;
      ;
    </Poc>
    <LastDiscoveredAt>1546504134000</LastDiscoveredAt>
    <Owasp>OWASP A5 Invalid access control</Owasp>
    <Reference></Reference>
    <Hostname>1.2.3.4</Hostname>
    <CommonType>invalid access control</CommonType>
    <Data>{"host": "1.2.3.4", "port": 2181, "proof": "Environment:\nzookeeper.version=3
.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/27/2018 03:55 GMT\
nhost.name=iZbp1fqhknu8ntff13g4m8Z\njava.version=1.8.0_181\njava.vendor=Oracle
Corporation\njava.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64
/jre\njava.class.path=/home/duwenwen/tools/zookeeper/bin/./build/classes:/home/
duwenwen/tools/zookeeper/bin/./build/lib/*.jar:/home/duwenwen/tools/zookeeper/
bin/./lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools/zookeeper/bin/./"}</Data>
    <Severity>3</Severity>
    <Name>Unauthorized access to ZooKeeper</Name>
    <Cwe>CWE-284</Cwe>
    <Target>1.2.3.4</Target>
    <Wasc>WASC-2</Wasc>
    <Id>11507253</Id>
    <Solution>1. Do not expose Zookeeper to the public network.
2. Add access control policy by selecting the corresponding method based on the actual
situation: user authorization, user name and password authentication, and specific IP
addresses.</Solution>
  </Vulnerability>
  <code>200</code>
  <Success>true</Success>
  <RequestId>6AAFCBCE-3494-4BF4-AA20-CD4BE491D22B</RequestId>
</DescribeVulnerability>

```

## JSON format

```

{
  "RequestId": "6AAFCBCE-3494-4BF4-AA20-CD4BE491D22B",
  "code": 200,
  "Vulnerability": {

```



```

"Impact": "Information leakage or DoS threats to cluster services. ",
"Poc": "\r\nVulnerability address: 1.2.3.4 port: 2181\r\nReturned content:\r\n<
pre>Environment:\nzookeeper.version=3.4.12-e5259e437540f349646870ea94dc26
58c4e44b3b, built on 03/27/2018 03:55 GMT\nhost.name=iZbp1fqhknu8ntff13g4m8Z
\njava.version=1.8.0_181\njava.vendor=Oracle Corporation\njava.home=/usr/lib/
jvm/java-1.8.0-openjdk-1.8.0.181-3.b13.el7_5.x86_64/jre\njava.class.path=/home/
duwenwen/tools/zookeeper/bin/./build/classes:/home/duwenwen/tools/zookeeper/
bin/./build/lib/*.jar:/home/duwenwen/tools/zookeeper/bin/./lib/slf4j-log4j12-1.7.25.
jar:/home/duwenwen/tools/zookeeper/bin/./</pre>\r\n",
"Wasc": "WASC-2",
>Description": "ZooKeeper is a distributed, open-source coordination service for
distributed applications, which provides functions such as configuration maintenance,
domain name service, distributed synchronization, and group service. Zookeeper can be
accessed without authorization by default. \r\n For Zookeeper that is open to the public
network, the possibility of information leakage exists, which leads to potential high risks
",
'Owasp': "OWASP A5 Invalid access control",
>LastDiscoveredAt": 1546504134000,
>CommonType": "Invalid access control",
>Name": "Unauthorized access to ZooKeeper",
>Cwe": "CWE-284",
>Status": 0,
>Data": {"host": "1.2.3.4", "port": 2181, "proof": "Environment:\nzookeeper
.version=3.4.12-e5259e437540f349646870ea94dc2658c4e44b3b, built on 03/27/2018
03:55 GMT\nhost.name=iZbp1fqhknu8ntff13g4m8Z\njava.version=1.8.0_181\njava
.vendor=Oracle Corporation\njava.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.181
-3.b13.el7_5.x86_64/jre\njava.class.path=/home/duwenwen/tools/zookeeper/bin
/./build/classes:/home/duwenwen/tools/zookeeper/bin/./build/lib/*.jar:/home/
duwenwen/tools/zookeeper/bin/./lib/slf4j-log4j12-1.7.25.jar:/home/duwenwen/tools
/zookeeper/bin/./"},
>Args": {"host": "1.2.3.4", "port": 2181, "qps": 1},
>Target": "1.2.3.4",
>Severity": 3,
>Id": 11507253,
>Reference": "",
>Solution": "1. Do not expose Zookeeper to the public network.\r\n2. Add access control
policy by selecting the corresponding method based on the actual situation: user
authorization, user name and password authentication, and specific IP addresses.",
>Hostname": "1.2.3.4"
},
>Success": true
}

```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 5.6 GenerateVulReport

You can call this operation to generate a report for the task 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
<b>Action</b>	String	Yes	GenerateVulReport	The operation that you want to perform. Set the value to GenerateVulReport.
<b>TaskIds.N</b>	RepeatList	Yes	111	The IDs of task instances for which reports are generated.
<b>Lang</b>	String	No	zh	The language in which the responses are returned. <ul style="list-style-type: none"> <li><b>zh</b>: Chinese</li> <li><b>en</b>: English</li> </ul>
<b>SourceIp</b>	String	No	1.2.3.4	The source IP address of the request.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	6D584A17-4DA1-4CFD-BB31-*****	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=GenerateVulReport
&TaskIds.1=111
&TaskIds.2=112
&SourceIp=
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<GenerateVulReport>
  <code>200</code>
  <requestId>6D584A17-4DA1-4CFD-BB31-*****</requestId>
  <success>>true</success>
```

```
</GenerateVulReport>
```

JSON format

```
{  
  "requestId": "6D584A17-4DA1-4CFD-BB31-*****",  
  "code": "200",  
  "success": true  
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 6 Attack surfaces

---

### 6.1 DescribeAttackSurfacesFacets

You can call this operation to query the attack surface when a task instance scans an asset.

#### 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
<b>Action</b>	String	Yes	DescribeAttackSurfacesFacets	The operation that you want to perform. Set the value to DescribeAttackSurfacesFacets.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task that is queried.

#### Response parameters

Parameter	Type	Example	Description
CrawlerRequests	Integer	300	The number of crawler requests.
DNSMap	Integer	10	The number of DNS records.
Domains	Integer	10	The number of domain names.
Hosts	Integer	10	The number of hosts.
Ports	Integer	10	The number of ports.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Subdomains	Integer	10	The number of subdomains.

Parameter	Type	Example	Description
WebPaths	Integer	10	The number of web paths.
WebServers	Integer	10	The number of web servers.
WebTechs	Integer	10	The number of web applications.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeAttackSurfacesFacets
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeAttackSurfacesFacets>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Domains>10</Domains>
    <Subdomains>20</Subdomains>
    <DNSMap>20</DNSMap>
    <Hosts>40</Hosts>
    <Ports>30</Ports>
    <WebTechs>40</WebTechs>
    <WebServers>30</WebServers>
    <WebPaths>20</WebPaths>
    <CrawlerRequests>40</CrawlerRequests>
  </data>
</DescribeAttackSurfacesFacets>
```

#### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "DNSMap": 20,
    "CrawlerRequests": 40,
    "WebPaths": 20,
    "WebServers": 30,
    "Subdomains": 20,
    "WebTechs": 40,
    "Hosts": 40,
    "Domains": 10,
    "Ports": 30
  },
  "code": "200",
  "success": true
}
```

```
}
```

### Error codes

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

## 6.2 DescribeCrawlerRequests

You can call this operation to query the crawler traffic data about the corresponding attack surface of the task instance.

You can call this operation to query the crawler traffic data about the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeCrawlerRequests	The operation that you want to perform. Set the value to DescribeCrawlerRequests.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.

Parameter	Type	Required	Example	Description
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

### Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Cookies	String	{"JSESSIONID": "3A6FA438DD B20E860F64 FB4F57F315DC"}	Cookies
Data	String	foo=bar	The request body.
Index	Integer	1	The index number of the returned record.
Method	String	GET	The request method.
URL	String	http://***.com	The URL.
UpdatedAt	Long	1561392000000	The timestamp of the scan.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	120	The number of returned entries.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeCrawlerRequests
&<Common request parameters>
```

#### Sample success responses

## XML format

```
<DescribeCrawlerRequests>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Total>123</Total>
    <Records>
      <Index>1</Index>
      <Method>GET</Method>
      <URL>http://***.***.com/user/login?username=admin</URL>
      <Cookies>
        <JSESSIONID>3A6FA438DDB20E860F64FB4F57F315DC</JSESSIONID>
      </Cookies>
      <Data></Data>
      <UpdatedAt>1561392000000</UpdatedAt>
    </Records>
    <Records>
      <Index>2</Index>
      <Method>GET</Method>
      <URL>http://***.***.com/user/login?username=admin</URL>
      <Cookies>
        <JSESSIONID>3A6FA438DDB20E860F64FB4F57F315DC</JSESSIONID>
      </Cookies>
      <Data></Data>
      <UpdatedAt>1561392000000</UpdatedAt>
    </Records>
  </data>
</DescribeCrawlerRequests>
```

## JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "UpdatedAt": 1561392000000,
        "Data": "",
        "Cookies": {
          "JSESSIONID": "3A6FA438DDB20E860F64FB4F57F315DC"
        },
        "Index": 1,
        "Method": "GET",
        "URL": "http://***.***.com/user/login?username=admin"
      },
      {
        "UpdatedAt": 1561392000000,
        "Data": "",
        "Cookies": {
          "JSESSIONID": "3A6FA438DDB20E860F64FB4F57F315DC"
        },
        "Index": 2,
        "Method": "GET",
        "URL": "http://***.***.com/user/login?username=admin"
      }
    ],
    "Total": 123
  },
  "code": "200",
  "success": true
}
```



```
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 6.3 DescribeDNSMap

You can call this operation to query the DNS records that are included in the corresponding attack surface of the task instance.

You can call this operation to query the DNS records that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeDN SMap	The operation that you want to perform. Set the value to DescribeDNSMap.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.

Parameter	Type	Required	Example	Description
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

### Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Domain	String	www.foo.com	The domain name.
Index	Integer	1	The index number of the returned record.
Record	String	1.2.3.4	The details about the DNS records.
Type	String	A	The type of the returned record. <ul style="list-style-type: none"> <li><b>A</b>: IP resolution</li> <li><b>CNAME</b>: host alias resolution</li> </ul>
UpdatedAt	Long	1561392000000	The timestamp of the scan.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	1000	The number of returned entries.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeDNSMap
&<Common request parameters>
```

#### Sample success responses

#### XML format

```
<DescribeDNSMap>
<code>200</code>
```

```
<requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
<success>true</success>
<data>
  <Total>120</Total>
  <Records>
    <Index>1</Index>
    <Domain>www.foo.com</Domain>
    <Record>1.2.3.4</Record>
    <Type>A</Type>
    <CreatedAt>1561392000000</CreatedAt>
  </Records>
  <Records>
    <Index>2</Index>
    <Domain>www.foo.com</Domain>
    <Record>1.2.3.4</Record>
    <Type>A</Type>
    <CreatedAt>1561392000000</CreatedAt>
  </Records>
</data>
</DescribeDNSMap>
```

### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "Index": 1,
        "Record": "1.2.3.4",
        "Domain": "www.foo.com",
        "Type": "A",
        "CreatedAt": 1561392000000
      },
      {
        "Index": 2,
        "Record": "1.2.3.4",
        "Domain": "www.foo.com",
        "Type": "A",
        "CreatedAt": 1561392000000
      }
    ],
    "Total": 120
  },
  "code": "200",
  "success": true
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 6.4 DescribeDomainAttackSurfacesFacets

You can call this operation to query the statistics of the domain names that are included in the corresponding attack surface of the task instance.

You can call this operation to query the statistics of the domain names that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeDomainAttackSurfacesFacets	The operation that you want to perform. Set the value to DescribeDomainAttackSurfacesFacets.
<b>Domain</b>	String	Yes	test.com	The domain name.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.

### Response parameters

Parameter	Type	Example	Description
CrawlerRequests	Integer	30	The number of crawler requests.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
WebPaths	Integer	10	The number of Web paths.
WebServers	Integer	10	The number of Web servers.

Parameter	Type	Example	Description
WebTechs	Integer	10	The number of Web applications.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeDomainAttackSurfacesFacets
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeDomainAttackSurfacesFacets>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>>true</success>
  <data>
    <CrawlerRequests>20</CrawlerRequests>
    <WebPaths>22</WebPaths>
    <WebServers>0</WebServers>
    <WebTechs>0</WebTechs>
  </data>
</DescribeDomainAttackSurfacesFacets>
```

#### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "CrawlerRequests": 20,
    "WebPaths": 22,
    "WebServers": 0,
    "WebTechs": 0
  },
  "code": "200",
  "success": true
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 6.5 DescribeDomains

You can call this operation to query domain names that are included in the attack surface when a task instance scans an asset.

## 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
<b>Action</b>	String	Yes	DescribeDomains	The operation that you want to perform. Set the value to DescribeDomains.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task that you want to query.
<b>Asset</b>	String	No	foo.com	The name of the asset whose domains are queried.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

## Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Domain	String	foo.com	The domain name.
Index	Integer	1	The index number of the returned record.
UpdatedAt	Long	1561392000000	The time when the scan was performed.

Parameter	Type	Example	Description
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	10000	The number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeDomains
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeDomains>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Records>
      <Index>1</Index>
      <Domain>www.foo.com</Domain>
      <UpdatedAt>1561392000000</UpdatedAt>
    </Records>
    <Records>
      <Index>2</Index>
      <Domain>www.abc.com</Domain>
      <UpdatedAt>1561392000000</UpdatedAt>
    </Records>
  </data>
</DescribeDomains>
```

#### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "UpdatedAt": 1561392000000,
        "Index": 1,
        "Domain": "www.foo.com"
      },
      {
        "UpdatedAt": 1561392000000,
        "Index": 2,
        "Domain": "www.abc.com"
      }
    ]
  },
  "code": "200",
```

```
"success":true
}
```

### Error codes

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

## 6.6 DescribeHosts

You can call this operation to query the list of hosts that are included in the corresponding attack surface of the task instance.

You can call this operation to query the list of hosts that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeHosts	The operation that you want to perform. Set the value to DescribeHosts.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.



Parameter	Type	Required	Example	Description
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

### Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Hostname	String	foo-hostname	The name of the host.
IP	String	1.2.3.4	The IP address.
Index	Integer	1	The index number of the returned record.
IsUp	String	Up	Indicates whether the machine is operating. <ul style="list-style-type: none"> <li>• <b>Up</b>: operating</li> <li>• <b>Down</b>: shutdown</li> </ul>
OS	String	Windows	The type of the operating system.
UpdatedAt	Long	1561392000000	The timestamp of the scan.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	1000	The number of returned entries.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeHosts
&<Common request parameters>
```

#### Sample success responses

## XML format

```
<DescribeHosts>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Total>120</Total>
    <Records>
      <Index>1</Index>
      <IP>1.2.3.4</IP>
      <Hostname></Hostname>
      <OS>AVtech Room Alert 26W environmental monitor </OS>
      <IsUp>Up</IsUp>
      <CreatedAt>1561392000000</CreatedAt>
    </Records>
    <Records>
      <Index>2</Index>
      <IP>1.2.3.4</IP>
      <Hostname></Hostname>
      <OS>AVtech Room Alert 26W environmental monitor </OS>
      <IsUp>Up</IsUp>
      <CreatedAt>1561392000000</CreatedAt>
    </Records>
  </data>
</DescribeHosts>
```

## JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "Index": 1,
        "IsUp": "Up",
        "IP": "1.2.3.4",
        "OS": "AVtech Room Alert 26W environmental monitor ",
        "CreatedAt": 1561392000000,
        "Hostname": "foo-hostname"
      },
      {
        "Index": 2,
        "IsUp": "Up",
        "IP": "1.2.3.4",
        "OS": "AVtech Room Alert 26W environmental monitor ",
        "CreatedAt": 1561392000000,
        "Hostname": "foo-hostname"
      }
    ],
    "Total": 120
  },
  "code": "200",
  "success": true
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 6.7 DescribeHostAttackSurfacesFacets

You can call this operation to query the hosts that are included in the attack surface when a task instance scans an asset.

### 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
<b>Action</b>	String	Yes	DescribeHostAttackSurfacesFacets	The operation that you want to perform. Set the value to DescribeHostAttackSurfacesFacets.
<b>Host</b>	String	Yes	1.2.3.4	The name of the host that you want to query.
<b>TaskId</b>	Integer	Yes	123456	The ID of the task that you want to query.

### Response parameters

Parameter	Type	Example	Description
CrawlerRequests	Integer	300	The number of crawler requests.
Hosts	Integer	10	The number of hosts.
Ports	Integer	10	The number of ports.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
WebPaths	Integer	10	The number of web paths.

Parameter	Type	Example	Description
WebTechs	Integer	10	The number of web applications.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeHostAttackSurfacesFacets
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeHostAttackSurfacesFacets>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <CrawlerRequests>0</CrawlerRequests>
    <Ports>304</Ports>
    <WebPaths>14</WebPaths>
    <WebServers>14</WebServers>
    <WebTechs>2</WebTechs>
  </data>
</DescribeHostAttackSurfacesFacets>
```

#### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "CrawlerRequests": 0,
    "WebPaths": 14,
    "WebServers": 14,
    "WebTechs": 2,
    "Ports": 304
  },
  "code": "200",
  "success": true
}
```

## Error codes

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

## 6.8 DescribePorts

You can call this operation to query the service information of the ports that are included in the corresponding attack surface of the task instance.

You can call this operation to query the service information of the ports that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribePorts	The operation that you want to perform. Set the value to DescribePorts.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

## Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Fingerprint	String	HTTP Apache	The port fingerprint.
IP	String	1.2.3.4	The IP address.
Index	Integer	1	The index number of the returned record.
Port	String	843	The port number.
Product	String	Apache Tomcat/ ***** 1.1	The name of the service.
Protocol	String	tcp	The network protocol.
Service	String	http	The type of the service.
UpdatedAt	Long	1561392000000	The timestamp of the scan.
Version	String	1.1	The version information.
RequestId	String	DD73CB0A-6E99- -49AB-9569- 5A00C9732795	The ID of the request.
Total	Integer	120	The number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribePorts
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribePorts>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
```

```
<success>true</success>
<data>
  <Total>120</Total>
  <Records>
    <Index>1</Index>
    <IP>1.2.3.4</IP>
    <Protocol>tcp</Protocol>
    <Port>843</Port>
    <Service>http</Service>
    <Product>Apache Tomcat/Coyote JSP engine 1.1</Product>
    <Version>1.1</Version>
    <Fingerprint></Fingerprint>
    <UpdatedAt>1561392000000</UpdatedAt>
  </Records>
  <Records>
    <Index>2</Index>
    <IP>1.2.3.5</IP>
    <Protocol>tcp</Protocol>
    <Port>843</Port>
    <Service>http</Service>
    <Product>Apache Tomcat/Coyote JSP engine 1.1</Product>
    <Version>1.1</Version>
    <Fingerprint></Fingerprint>
    <UpdatedAt>1561392000000</UpdatedAt>
  </Records>
</data>
</DescribePorts>
```

### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "UpdatedAt": 1561392000000,
        "Service": "http",
        "Port": "843",
        "Index": 1,
        "Product": "Apache Tomcat/Coyote JSP engine 1.1",
        "IP": "1.2.3.4",
        "Version": "1.1",
        "Protocol": "tcp",
        "Fingerprint": ""
      },
      {
        "UpdatedAt": 1561392000000,
        "Service": "http",
        "Port": "843",
        "Index": 2,
        "Product": "Apache Tomcat/Coyote JSP engine 1.1",
        "IP": "1.2.3.5",
        "Version": "1.1",
        "Protocol": "tcp",
        "Fingerprint": ""
      }
    ],
    "Total": 120
  },
  "code": "200",
  "success": true
}
```

```
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 6.9 DescribeSubdomains

You can call this operation to query the subdomain names that are included in the corresponding attack surface of the task instance.

You can call this operation to query the subdomain names that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeSubdomains	The operation that you want to perform. Set the value to DescribeSubdomains.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.



Parameter	Type	Required	Example	Description
PageSize	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

### Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Domain	String	www.foo.com	The domain name.
Index	Integer	1	The index number of the returned record.
RootDomain	String	foo.com	The root domain name.
UpdatedAt	Long	1561392000000	The timestamp of the scan.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	1000	The number of returned entries.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeSubdomains
&<Common request parameters>
```

#### Sample success responses

#### XML format

```
<DescribeSubdomains>
  <code>200</code>
  <success>true</success>
  <requestId>9D2C9710-A52C-4C4A-9082-9E570C958D5D</requestId>
  <data>
    <Total>120</Total>
    <Records>
      <Index>1</Index>
      <Domain>www.foo.com</Domain>
```

```
<RootDomain>foo.com</RootDomain>
<UpdatedAt>1561392000000</UpdatedAt>
</Records>
<Records>
  <Index>2</Index>
  <Domain>www.bar.com</Domain>
  <RootDomain>foo.com</RootDomain>
  <UpdatedAt>1561392000000</UpdatedAt>
</Records>
</data>
</DescribeSubdomains>
```

### JSON format

```
{
  "requestId": "9D2C9710-A52C-4C4A-9082-9E570C958D5D",
  "data": {
    "Records": [
      {
        "UpdatedAt": 1561392000000,
        "RootDomain": "foo.com",
        "Index": 1,
        "Domain": "www.foo.com"
      },
      {
        "UpdatedAt": 1561392000000,
        "RootDomain": "foo.com",
        "Index": 2,
        "Domain": "www.bar.com"
      }
    ],
    "Total": 120
  },
  "code": "200",
  "success": true
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 6.10 DescribeWebPaths

You can call this operation to query the Web paths that are included in the corresponding attack surface of the task instance.

You can call this operation to query the Web paths that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeWebPaths	The operation that you want to perform. Set the value to DescribeWebPaths.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

## Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Extension	String	png	The filename extension.
Index	Integer	1	The index number of the returned record.
Path	String	/themes/dist/images/test-123***.png	The details about the Web path.
Site	String	http://1.2.3.4:88**	The URL of the site.

Parameter	Type	Example	Description
UpdatedAt	Long	1561392000000	The timestamp of the scan.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	120	The number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeWebPaths
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeWebPaths>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Records>
      <Index>1</Index>
      <Site>http://icourse.*****.com:8899</Site>
      <Path> /themes/dist/images/sg1-476744*****.png</Path>
      <Extension>png</Extension>
      <CreatedAt>1561392000000</CreatedAt>
    </Records>
    <Records>
      <Index>2</Index>
      <Site>http://icourse.*****.com:88**</Site>
      <Path> /themes/dist/images/sg1-4767*****.png</Path>
      <Extension>png</Extension>
      <CreatedAt>1561392000000</CreatedAt>
    </Records>
  </data>
</DescribeWebPaths>
```

#### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "Extension": "png",
        "Site": "http://icourse.*****.com:8899",
        "Index": 1,
        "CreatedAt": 1561392000000,
        "Path": " /themes/dist/images/sg1-476744*****.png"
      }
    ]
  }
}
```

```
},
{
  "Extension": "png",
  "Site": "http://icourse.*****.com:88**",
  "Index": 2,
  "CreatedAt": 1561392000000,
  "Path": "/themes/dist/images/sg1-4767*****.png"
}
],
"code": "200",
"success": true
}
```

## Error codes

For more information about error codes, visit [API Error Center](#).

## 6.11 DescribeWebServers

You can call this operation to query the Web servers that are included in the corresponding attack surface of the task instance.

You can call this operation to query the Web servers that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeWebServers	The operation that you want to perform. Set the value to DescribeWebServers.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.

Parameter	Type	Required	Example	Description
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.

### Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Host	String	1.2.3.4	The Web service host.
Index	Integer	1	The index number of the returned record.
Port	String	80	The port number of the Web service.
Scheme	String	http	The request protocol.
UpdatedAt	Long	1561392000000	The timestamp of the scan.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	120	The number of returned entries.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeWebServers
```

## &<Common request parameters>

### Sample success responses

#### XML format

```
<DescribeWebServers>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Records>
      <Index>1</Index>
      <Scheme>http</Scheme>
      <Host>1.2.3.4</Host>
      <Port>80</Port>
      <UpdatedAt>1561392000000</UpdatedAt>
    </Records>
    <Records>
      <Index>2</Index>
      <Scheme>http</Scheme>
      <Host>1.2.3.4</Host>
      <Port>80</Port>
      <UpdatedAt>1561392000000</UpdatedAt>
    </Records>
  </data>
</DescribeWebServers>
```

#### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "UpdatedAt": 1561392000000,
        "Port": 80,
        "Scheme": "http",
        "Index": 1,
        "Host": "1.2.3.4"
      },
      {
        "UpdatedAt": 1561392000000,
        "Port": 80,
        "Scheme": "http",
        "Index": 2,
        "Host": "1.2.3.4"
      }
    ]
  },
  "code": "200",
  "success": true
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 6.12 DescribeWebTechs

You can call this operation to query the Web applications that are included in the corresponding attack surface of the task instance.

You can call this operation to query the Web applications that are included in the corresponding attack surface when the asset is scanned in the task 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
<b>Action</b>	String	Yes	DescribeWebTechs	The operation that you want to perform. Set the value to DescribeWebTechs.
<b>TaskId</b>	Integer	Yes	12345	The ID of the task. You can specify this parameter to obtain the data of the specific task.
<b>Asset</b>	String	No	foo.com	The name of the asset. You can specify this parameter to query detection data of the specific asset.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. This is the maximum value.



## Response parameters

Parameter	Type	Example	Description
Records			The list of returned records.
Index	Integer	1	The index number of the returned record.
Name	String	Apache	The IP address.
PoweredBy	String	Java	The programming language.
Server	String	Apache	The Web server.
Title	String	Open Platform-Homepage	The title of the Web service.
URL	String	http://***.com	The URL of the application.
UpdatedAt	Long	1561392000000	The timestamp of the scan.
Version	String	1.7	The version information.
RequestId	String	DD73CB0A-6E99-49AB-9569-5A00C9732795	The ID of the request.
Total	Integer	120	The number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/? Action=DescribeWebTechs
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeWebTechs>
  <code>200</code>
  <requestId>DD73CB0A-6E99-49AB-9569-5A00C9732795</requestId>
  <success>true</success>
  <data>
    <Records>
```

```
<Index>1</Index>
<Name>Apache</Name>
<URL>https://1.2.3.4:443/</URL>
<Version>1.7.2</Version>
<Server>Apache</Server>
<PoweredBy></PoweredBy>
<Title>CPOOpenPlatform-Homepage</Title>
<UpdatedAt>1561392000000</UpdatedAt>
</Records>
<Records>
  <Index>2</Index>
  <Name>Apache</Name>
  <URL>https://1.2.3.4:443/</URL>
  <Version>1.7.2</Version>
  <Server>Apache</Server>
  <PoweredBy></PoweredBy>
  <Title>CPOOpenPlatform-Homepage</Title>
  <UpdatedAt>1561392000000</UpdatedAt>
</Records>
</data>
</DescribeWebTechs>
```

### JSON format

```
{
  "requestId": "DD73CB0A-6E99-49AB-9569-5A00C9732795",
  "data": {
    "Records": [
      {
        "UpdatedAt": 1561392000000,
        "Name": "Apache",
        "Index": 1,
        "Version": "1.7.2",
        "URL": "https://1.2.3.4:443/",
        "Title": "CPOOpenPlatform-Homepage",
        "Server": "Apache",
        "PoweredBy": ""
      },
      {
        "UpdatedAt": 1561392000000,
        "Name": "Apache",
        "Index": 2,
        "Version": "1.7.2",
        "URL": "https://1.2.3.4:443/",
        "Title": "CPOOpenPlatform-Homepage",
        "Server": "Apache",
        "PoweredBy": ""
      }
    ]
  },
  "code": "200",
  "success": true
}
```

### Error codes

For more information about error codes, visit [API Error Center](#).

## 7 Attack surfaces

---

### 7.1 AddOrgDomains

Adds root domains to a specified organization.

#### 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
<b>Action</b>	String	Yes	AddOrgDomains	The operation that you want to perform. Set the value to <b>AddOrgDomains</b> .
<b>Domains.N</b>	RepeatList	Yes	["baidu.com", "aliyun.com"]	The list of root domains.
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.

#### Response parameters

Parameter	Type	Example	Description
RequestId	String	73D1B3B5-B2A5-45CF-84B7-4C73A6EEF5C5	The ID of the request.

#### Examples

##### Sample requests

```
http(s)://[Endpoint]/?Action=AddOrgDomains
&Domains.1=["baidu.com", "aliyun.com"]
&OrgId=1
&<Common request parameters>
```

##### Sample success responses

## XML format

```
<AddOrgDomainsResponse>
  <RequestId>D4F99513-88A6-4FDB-B6ED-0AC64C16C256</RequestId>
</AddOrgDomainsResponse>
```

## JSON format

```
{
  "RequestId": "D4F99513-88A6-4FDB-B6ED-0AC64C16C256"
}
```

## Error codes

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

## 7.2 AddOrgHosts

Adds hosts to a specified organization.

### 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
<b>Action</b>	String	Yes	AddOrgHosts	The operation that you want to perform. Set the value to <b>AddOrgHosts</b> .
<b>Hosts.N</b>	RepeatList	Yes	["192.168.1.1", "192.168.1.2", "192.168.1.3"]	The list of hosts.
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.

### Response parameters

Parameter	Type	Example	Description
RequestId	String	73D1B3B5-B2A5-45CF-84B7-4C73A6EEF5C5	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=AddOrgHosts
&Hosts.1=["192.168.1.1", "192.168.1.2", "192.168.1.3"]
&OrgId=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<AddOrgHostsResponse>
  <RequestId>F9717DC5-363E-4D3D-AA22-75243BEE373C</RequestId>
</AddOrgHostsResponse>
```

#### JSON format

```
{
  "RequestId": "F9717DC5-363E-4D3D-AA22-75243BEE373C"
}
```

## Error codes

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

## 7.3 AddOrgSubdomains

Adds subdomains to a specified organization.

### 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
<b>Action</b>	String	Yes	AddOrgSubdomains	The operation that you want to perform. Set the value to <b>AddOrgSubdomains</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Subdomains.N</b>	RepeatList	Yes	testphp.vulnweb.com	Subdomain N.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	B4E8BB43-CC60-49D3-BD4B-57CABDC00CA4	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=AddOrgSubdomains
&OrgId=1
&Subdomains.1=testphp.vulnweb.com
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<AddOrgSubdomainsResponse>
  <RequestId>32122AE9-9187-437A-B52C-BB53D061C82A</RequestId>
</AddOrgSubdomainsResponse>
```

#### JSON format

```
{
  "RequestId": "32122AE9-9187-437A-B52C-BB53D061C82A"
}
```

## Error codes

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

## 7.4 AddOrgWebPaths

Adds web file paths to a specified organization.

### 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
<b>Action</b>	String	Yes	AddOrgWebPaths	The operation that you want to perform. Set the value to <b>AddOrgWebPaths</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>URLs.N</b>	RepeatList	Yes	https://www.aliyun.com	Web file path N.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	D9E86C06-7DF6-4741-B6D2-C3EE38A74A08	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=AddOrgWebPaths
&OrgId=1
&URLs.1=https://www.aliyun.com
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<AddOrgWebPathsResponse>
  <RequestId>A6E12B8E-DCBB-4409-9E1E-F542BE3F598D</RequestId>
</AddOrgWebPathsResponse>
```

#### JSON format

```
{
  "RequestId": "A6E12B8E-DCBB-4409-9E1E-F542BE3F598D"
}
```

## Error codes

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

## 7.5 CreateOrganization

Creates an organization.

### 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
<b>Action</b>	String	Yes	CreateOrganization	The operation that you want to perform. Set the value to <b>CreateOrganization</b> .
<b>Name</b>	String	No	New Organization	The name of the organization.
<b>Description</b>	String	No	This is the description of an enterprise organization	The description of the organization.
<b>Domains.N</b>	RepeatList	No	aliyun.com\ nbaidu.com	Root domain N.

### Response parameters

Parameter	Type	Example	Description
RequestId	String	5E4879DC-8527-4A3B-97BC-5FE0C3DE4C47	The ID of the request.

### Examples

Sample requests

```
http(s)://[Endpoint]/?Action=CreateOrganization
&<Common request parameters>
```

Sample success responses



### XML format

```
<CreateOrganizationResponse>
  <RequestId>580C3EB1-AF91-45D4-A5DE-9CCABB48A9C2</RequestId>
</CreateOrganizationResponse>
```

### JSON format

```
{
  "RequestId": "580C3EB1-AF91-45D4-A5DE-9CCABB48A9C2"
}
```

## Error codes

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

## 7.6 DeleteOrganizations

Deletes an organization.

### 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
<b>Action</b>	String	Yes	DeleteOrganizations	The operation that you want to perform. Set the value to <b>DeleteOrganizations</b> .
<b>OrgIds.N</b>	RepeatList	Yes	1	The ID of the organization.

### Response parameters

Parameter	Type	Example	Description
RequestId	String	5E4879DC-8527-4A3B-97BC-5FE0C3DE4C47	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=DeleteOrganizations
&OrgIds.1=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DeleteOrganizationsResponse>
  <code></code>
  <message></message>
  <success>true</success>
  <requestId></requestId>
  <data></data>
</DeleteOrganizationsResponse>
```

#### JSON format

```
{
  "code": "",
  "message": "",
  "success": true,
  "requestId": "",
  "data": {}
}
```

## Error codes

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

## 7.7 DeleteOrgAttackSurfaceRecords

Deletes the data sources of attack surfaces of a specified organization.

### 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
<b>Action</b>	String	Yes	DeleteOrgAttackSurfaceRecords	The operation that you want to perform. Set the value to <b>DeleteOrgAttackSurfaceRecords</b> .

Parameter	Type	Required	Example	Description
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Records.N</b>	RepeatList	Yes	1	The ID of record N.
<b>Source</b>	String	Yes	Ports	The data source. Valid values: <ul style="list-style-type: none"> <li>• <b>Subdomains</b>: subdomains</li> <li>• <b>Ports</b>: ports</li> <li>• <b>Hosts</b>: hosts</li> <li>• <b>DNSMap</b>: DNS records</li> <li>• <b>WebPaths</b>: web file paths</li> <li>• <b>WebTechs</b>: web applications</li> </ul>

### Response parameters

Parameter	Type	Example	Description
RequestId	String	E345DD9F-3800-42DC-8E8E-47C57888373C	The ID of the request.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/?Action=DeleteOrgAttackSurfaceRecords
&OrgId=1
&Records.1=1
&Source=Ports
&<Common request parameters>
```

#### Sample success responses

##### XML format

```
<DeleteOrgAttackSurfaceRecordsResponse>
  <RequestId>ED817C83-F11A-430C-99E1-34A30A8DF42E</RequestId>
  <HostId>avds.aliyuncs.com</HostId>
  <Code>Forbidden</Code>
  <Message>operation permitted</Message>
</DeleteOrgAttackSurfaceRecordsResponse>
```

##### JSON format

```
{
  "RequestId": "ED817C83-F11A-430C-99E1-34A30A8DF42E",
  "HostId": "avds.aliyuncs.com",
  "Code": "Forbidden",
  "Message": "operation permitted"
```

}

## Error codes

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

## 7.8 DeleteUserAttackSurfaceRecords

Deletes the data sources of attack surfaces of users based on a specified data source type and record ID.

### 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
<b>Action</b>	String	Yes	DeleteUserAttackSurfaceRecords	The operation that you want to perform. Set the value to <b>DeleteUserAttackSurfaceRecords</b> .
<b>Records.N</b>	RepeatList	Yes	1	The ID of record N.
<b>Source</b>	String	Yes	Subdomains	The data source of the attack surface. Valid values: <ul style="list-style-type: none"> <li>• <b>Subdomains</b>: subdomains</li> <li>• <b>Ports</b>: ports</li> <li>• <b>Hosts</b>: hosts</li> <li>• <b>DNSMap</b>: DNS records</li> <li>• <b>WebPaths</b>: web file paths</li> <li>• <b>WebTechs</b>: web applications</li> </ul>

### Response parameters

Parameter	Type	Example	Description
RequestId	String	E345DD9F-3800-42DC-8E8E-47C57888373C	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=DeleteUserAttackSurfaceRecords
&Records.1=1
&Source= Subdomains
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DeleteUserAttackSurfaceRecordsResponse>
  <RequestId>E345DD9F-3800-42DC-8E8E-47C57888373C</RequestId>
</DeleteUserAttackSurfaceRecordsResponse>
```

#### JSON format

```
{
  "RequestId": "E345DD9F-3800-42DC-8E8E-47C57888373C"
}
```

## Error codes

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

## 7.9 DescribeOrgInfo

Queries detailed information of organizations.

### 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
<b>Action</b>	String	Yes	DescribeOrgInfo	The operation that you want to perform. Set the value to <b>DescribeOrgInfo</b> .
<b>OrgId</b>	Integer	No	1	The ID of the organization.

## Response parameters

Parameter	Type	Example	Description
AliUid	Long	111111111111111	The ID of the user.
CreatedAt	Long	1557369649000	The time when the organization was created.
Description	String	Well-known Chinese cloud computing company	The description of the organization.
Name	String	Alibaba Cloud Computing Co., Ltd.	The name of the organization.
OrgId	Integer	1	The ID of the organization.
RequestId	String	1F5F356A-D2F1-4AFD-886A-086881B121C4	The ID of the request.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=DescribeOrgInfo
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<DescribeOrgInfoResponse>
  <code></code>
  <message></message>
  <success>true</success>
  <requestId></requestId>
  <data>
    <AliUid>1234567</AliUid>
    <Name>Foobar</Name>
    <Description>Foo Description</Description>
    <OrgId>123</OrgId>
    <CreatedAt>1557369649000</CreatedAt>
  </data>
</DescribeOrgInfoResponse>
```

#### JSON format

```
{
```

```
"code": "",
"message": "",
"success": true,
"requestId": "",
"data": {
  "AliUid": 1234567,
  "Name": "Foobar",
  "Description": "Foo Description",
  "OrgId": 123,
  "CreatedAt": 1557369649000
}
```

### Error codes

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

## 7.10 DescribeOrgAttackSurfaceDetails

Queries detailed information of attack surfaces of a specified organization.

### 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
<b>Action</b>	String	Yes	DescribeOrgAttackSurfaceDetails	The operation that you want to perform. Set the value to <b>DescribeOrgAttackSurfaceDetails</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>RecordId</b>	Integer	Yes	1	The ID of the record.

Parameter	Type	Required	Example	Description
<b>Source</b>	String	Yes	Subdomains	<p>The data source of the attack surface. Valid values:</p> <ul style="list-style-type: none"> <li>• <b>Domains:</b> root domains</li> <li>• <b>Subdomains:</b> subdomains</li> <li>• <b>Ports:</b> ports</li> <li>• <b>Hosts:</b> hosts</li> <li>• <b>DNSMap:</b> DNS records</li> <li>• <b>WebPaths:</b> web file paths</li> <li>• <b>WebTechs:</b> web applications</li> </ul>

### Response parameters

Parameter	Type	Example	Description
FirstScannedAt	Long	1585738707000	The time when the attack surface was first detected.
LastScannedAt	Long	1585738707000	The time when the attack surface was last detected.
Occurrences	Integer	1	The number of times the attack surface was detected.
RequestId	String	338E7324-DDEF-4BCF-B560-1ED572FD64A1	The ID of the request.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/?Action=DescribeOrgAttackSurfaceDetails
&OrgId=1
&RecordId=1
&Source=Subdomains
&<Common request parameters>
```

#### Sample success responses

#### XML format

```
<DescribeOrgAttackSurfaceDetailsResponse>
  <code>200</code>
  <data>
```



```
<LastScannedAt>1585738707000</LastScannedAt>
<FirstScannedAt>1585738707000</FirstScannedAt>
<Occurrences>1</Occurrences>
</data>
<requestId>338E7324-DDEF-4BCF-B560-1ED572FD64A1</requestId>
<success>true</success>
</DescribeOrgAttackSurfaceDetailsResponse>
```

#### JSON format

```
{
  "code": 200,
  "data": {
    "LastScannedAt": 1585738707000,
    "FirstScannedAt": 1585738707000,
    "Occurrences": 1
  },
  "requestId": "338E7324-DDEF-4BCF-B560-1ED572FD64A1",
  "success": true
}
```

#### Error codes

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

## 7.11 ListOrgAttackSurfaceFacets

Queries the attack surface statistics of organizations.

#### 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
<b>Action</b>	String	Yes	ListOrgAttackSurfaceFacets	The operation that you want to perform. Set the value to <b>ListOrgAttackSurfaceFacets</b> .
<b>OrgId</b>	Integer	No	1	The ID of the organization.

#### Response parameters

Parameter	Type	Example	Description
DNSMap	Struct		The DNS records.

Parameter	Type	Example	Description
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.
Domains	Struct		The root domains.
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.
Hosts	Struct		The hosts.
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.
Ports	Struct		The ports.
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.
RequestId	String	20E9A617-74A9 -48A6-88C1- 8246EAE1F4F9	The ID of the request.
Subdomains	Struct		The subdomains.
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.
WebPaths	Struct		The web file paths.
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.
WebTechs	Struct		The web applications.

Parameter	Type	Example	Description
New	Integer	1	The number of added records.
Total	Integer	1	The total number of records.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgAttackSurfaceFacets
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgAttackSurfaceFacetsResponse>
  <code>200</code>
  <data>
    <Domains>
      <New>0</New>
      <Total>0</Total>
    </Domains>
    <Hosts>
      <New>1</New>
      <Total>1</Total>
    </Hosts>
    <WebPaths>
      <New>34</New>
      <Total>34</Total>
    </WebPaths>
    <DNSMap>
      <New>1</New>
      <Total>1</Total>
    </DNSMap>
    <Ports>
      <New>12</New>
      <Total>12</Total>
    </Ports>
    <WebTechs>
      <New>6</New>
      <Total>6</Total>
    </WebTechs>
    <Subdomains>
      <New>1</New>
      <Total>1</Total>
    </Subdomains>
  </data>
  <requestId>20E9A617-74A9-48A6-88C1-8246EAE1F4F9</requestId>
  <success>true</success>
</ListOrgAttackSurfaceFacetsResponse>
```

#### JSON format

```
{
  "code": 200,
```

```
"data": {
  "Domains": {
    "New": 0,
    "Total": 0
  },
  "Hosts": {
    "New": 1,
    "Total": 1
  },
  "WebPaths": {
    "New": 34,
    "Total": 34
  },
  "DNSMap": {
    "New": 1,
    "Total": 1
  },
  "Ports": {
    "New": 12,
    "Total": 12
  },
  "WebTechs": {
    "New": 6,
    "Total": 6
  },
  "Subdomains": {
    "New": 1,
    "Total": 1
  }
},
"requestId": "20E9A617-74A9-48A6-88C1-8246EAE1F4F9",
"success": true
}
```

### Error codes

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

## 7.12 ListOrgDNSMap

Queries the DNS records of a specified organization.

### 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
<b>Action</b>	String	Yes	ListOrgDNSMap	The operation that you want to perform. Set the value to <b>ListOrgDNSMap</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Search</b>	String	No	foobar	Specifies the DNS record you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The list of records.
Domain	String	aliyun.com	The root domain.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
OrgId	Integer	1	The ID of the organization.
Record	String	192.168.1.1	The DNS record.

Parameter	Type	Example	Description
Subdomain	String	testphp.vulnweb.com	The subdomain.
Type	String	A	The record type.
UpdatedAt	Long	1585737159000	The update time.
RequestId	String	20E9A617-74A9-48A6-88C1-8246EAE1F4F9	The ID of the request.
TotalCount	Integer	10	The total number of records.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgDNSMap
&OrgId=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgDNSMapResponse>
  <code>200</code>
  <data>
    <TotalCount>1</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Records>
      <OrgId>1</OrgId>
      <Type>A</Type>
      <Subdomain>testphp.vulnweb.com</Subdomain>
      <Index>1</Index>
      <Record>192.28.50.165</Record>
      <Id>1</Id>
      <Domain>vulnweb.com</Domain>
      <UpdatedAt>1585737159000</UpdatedAt>
    </Records>
  </data>
  <requestId>35EB9EFB-82AF-438A-8DFA-94C707BF264A</requestId>
  <success>true</success>
</ListOrgDNSMapResponse>
```

#### JSON format

```
{
  "code": 200,
  "data": {
    "TotalCount": 1,
```

```
"PageSize": 10,
"CurrentPage": 1,
"Records": [
  {
    "OrgId": 1,
    "Type": "A",
    "Subdomain": "testphp.vulnweb.com",
    "Index": 1,
    "Record": "192.28.50.165",
    "Id": 1,
    "Domain": "vulnweb.com",
    "UpdatedAt": 1585737159000
  }
],
"requestId": "35EB9EFB-82AF-438A-8DFA-94C707BF264A",
"success": true
}
```

### Error codes

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

## 7.13 ListOrgDomains

Queries the domains of a specified organization.

### 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
<b>Action</b>	String	Yes	ListOrgDomains	The operation that you want to perform. Set the value to <b>ListOrgDomains</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Search</b>	String	No	foobar	Specifies the domain you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.

Parameter	Type	Required	Example	Description
PageSize	Integer	No	10	The number of entries to return on each page.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The list of records.
Domain	String	vulnweb.com	The root domain.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
OrgId	Integer	1	The ID of the organization.
UpdatedAt	Long	1587716346000	The update time.
RequestId	String	B6AF2F2A-822A-41A2-85D4-E97899001944	The ID of the request.
TotalCount	Integer	10	The total number of records.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgDomains
&OrgId=1
&<Common request parameters>
```

#### Sample success responses



## XML format

```
<ListOrgDomainsResponse>
  <code>200</code>
  <data>
    <TotalCount>1</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Records>
      <OrgId>1</OrgId>
      <Index>1</Index>
      <Id>12</Id>
      <Domain>vulnweb.com</Domain>
      <UpdatedAt>1587716346000</UpdatedAt>
    </Records>
  </data>
  <requestId>B6AF2F2A-822A-41A2-85D4-E97899001944</requestId>
  <success>true</success>
</ListOrgDomainsResponse>
```

## JSON format

```
{
  "code": 200,
  "data": {
    "TotalCount": 1,
    "PageSize": 10,
    "CurrentPage": 1,
    "Records": [
      {
        "OrgId": 1,
        "Index": 1,
        "Id": 12,
        "Domain": "vulnweb.com",
        "UpdatedAt": 1587716346000
      }
    ]
  },
  "requestId": "B6AF2F2A-822A-41A2-85D4-E97899001944",
  "success": true
}
```

## Error codes

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

## 7.14 ListOrgHosts

Queries the hosts of a specified organization.

### 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
<b>Action</b>	String	Yes	ListOrgHosts	The operation that you want to perform. Set the value to <b>ListOrgHosts</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Search</b>	String	No	foobar	Specifies the host you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
Records	Array		The list of records.
Hostname	String	guest	The hostname.
IP	String	176.28.50.165	The IP address.

Parameter	Type	Example	Description
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
OS	String	windows	The operating system.
OrgId	Integer	1	The ID of the organization.
State	String	up	The status of the host.
UpdatedAt	Long	1585738707000	The update time.
RequestId	String	2AF23E43-BFF9-4A36-8B4F-B354B806B08B	The ID of the request.
TotalCount	Integer	1	The total number of records.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgHosts
&OrgId=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgHostsResponse>
  <code>200</code>
  <data>
    <TotalCount>1</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Records>
      <OrgId>1</OrgId>
      <OS>Linux 2.6.31 - 2.6.35</OS>
      <State>up</State>
      <IP>192.28.50.165</IP>
      <Hostname></Hostname>
      <Index>1</Index>
      <Id>1</Id>
      <UpdatedAt>1585738707000</UpdatedAt>
    </Records>
  </data>
  <requestId>2AF23E43-BFF9-4A36-8B4F-B354B806B08B</requestId>
  <success>>true</success>
```

```
</ListOrgHostsResponse>
```

JSON format

```
{
  "code": 200,
  "data": {
    "TotalCount": 1,
    "PageSize": 10,
    "CurrentPage": 1,
    "Records": [
      {
        "OrgId": 1,
        "OS": "Linux 2.6.31 - 2.6.35",
        "State": "up",
        "IP": "192.28.50.165",
        "Hostname": "",
        "Index": 1,
        "Id": 1,
        "UpdatedAt": 1585738707000
      }
    ]
  },
  "requestId": "2AF23E43-BFF9-4A36-8B4F-B354B806B08B",
  "success": true
}
```

### Error codes

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

## 7.15 ListOrgPorts

Queries the access ports of a specified organization.

### 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
<b>Action</b>	String	Yes	ListOrgPorts	The operation that you want to perform. Set the value to <b>ListOrgPorts</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.

Parameter	Type	Required	Example	Description
<b>Search</b>	String	No	foobar	Specifies the access port you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
Records	Array		The list of records.
Fingerprint	String	foobar	The fingerprint of the port.
IP	String	192.168.1.1	The IP address.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
OrgId	Integer	1	The ID of the organization.
Port	Integer	80	The port number.

Parameter	Type	Example	Description
Product	String	Apache Httpd	The name of the product.
Protocol	String	tcp	The protocol.
Service	String	http	The service.
UpdatedAt	Long	1585738707000	The update time.
Version	String	1.2	The version number.
RequestId	String	F4A5123A-E926-4B83-8C62-62A9490163D3	The ID of the request.
TotalCount	Integer	10	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgPorts
&OrgId=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgPortsResponse>
  <code>200</code>
  <data>
    <TotalCount>12</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Records>
      <OrgId>1</OrgId>
      <Fingerprint></Fingerprint>
      <Version>1.3.3e</Version>
      <IP>192.28.50.165</IP>
      <Port>21</Port>
      <Service>ftp</Service>
      <Product>ProFTPD</Product>
      <Index>1</Index>
      <Id>1</Id>
      <Protocol>tcp</Protocol>
      <UpdatedAt>1585738707000</UpdatedAt>
    </Records>
    <Records>
      <OrgId>1</OrgId>
      <Fingerprint></Fingerprint>
      <Version>5.3p1 Debian 3ubuntu7.1</Version>
```

```
<IP>192.28.50.165</IP>
<Port>22</Port>
<Service>ssh</Service>
<Product>OpenSSH</Product>
<Index>2</Index>
<Id>2</Id>
<Protocol>tcp</Protocol>
<UpdatedAt>1585738707000</UpdatedAt>
</Records>
<Records>
  <OrgId>1</OrgId>
  <Fingerprint></Fingerprint>
  <Version></Version>
  <IP>192.28.50.165</IP>
  <Port>53</Port>
  <Service>domain</Service>
  <Product></Product>
  <Index>3</Index>
  <Id>3</Id>
  <Protocol>tcp</Protocol>
  <UpdatedAt>1585738707000</UpdatedAt>
</Records>
<Records>
  <OrgId>1</OrgId>
  <Fingerprint></Fingerprint>
  <Version>1.4.1</Version>
  <IP>192.28.50.165</IP>
  <Port>80</Port>
  <Service>http</Service>
  <Product>nginx</Product>
  <Index>4</Index>
  <Id>4</Id>
  <Protocol>tcp</Protocol>
  <UpdatedAt>1585738707000</UpdatedAt>
</Records>
<Records>
  <OrgId>1</OrgId>
  <Fingerprint></Fingerprint>
  <Version></Version>
  <IP>192.28.50.165</IP>
  <Port>106</Port>
  <Service>pop3pw</Service>
  <Product>poppassd</Product>
  <Index>5</Index>
  <Id>5</Id>
  <Protocol>tcp</Protocol>
  <UpdatedAt>1585738707000</UpdatedAt>
</Records>
<Records>
  <OrgId>1</OrgId>
  <Fingerprint></Fingerprint>
  <Version></Version>
  <IP>192.28.50.165</IP>
  <Port>110</Port>
  <Service>pop3</Service>
  <Product>Courier pop3d</Product>
  <Index>6</Index>
  <Id>6</Id>
  <Protocol>tcp</Protocol>
  <UpdatedAt>1585738707000</UpdatedAt>
</Records>
<Records>
  <OrgId>1</OrgId>
  <Fingerprint></Fingerprint>
```

```

    <Version></Version>
    <IP>192.28.50.165</IP>
    <Port>143</Port>
    <Service>imap</Service>
    <Product>Plesk Courier imapd</Product>
    <Index>7</Index>
    <Id>7</Id>
    <Protocol>tcp</Protocol>
    <UpdatedAt>1585738707000</UpdatedAt>
  </Records>
  <Records>
    <OrgId>1</OrgId>
    <Fingerprint></Fingerprint>
    <Version></Version>
    <IP>192.28.50.165</IP>
    <Port>465</Port>
    <Service>smtp</Service>
    <Product>Postfix smtpd</Product>
    <Index>8</Index>
    <Id>8</Id>
    <Protocol>tcp</Protocol>
    <UpdatedAt>1585738707000</UpdatedAt>
  </Records>
  <Records>
    <OrgId>1</OrgId>
    <Fingerprint></Fingerprint>
    <Version></Version>
    <IP>192.28.50.165</IP>
    <Port>993</Port>
    <Service>imap</Service>
    <Product>Plesk Courier imapd</Product>
    <Index>9</Index>
    <Id>9</Id>
    <Protocol>tcp</Protocol>
    <UpdatedAt>1585738707000</UpdatedAt>
  </Records>
  <Records>
    <OrgId>1</OrgId>
    <Fingerprint></Fingerprint>
    <Version></Version>
    <IP>192.28.50.165</IP>
    <Port>995</Port>
    <Service>pop3</Service>
    <Product>Courier pop3d</Product>
    <Index>10</Index>
    <Id>10</Id>
    <Protocol>tcp</Protocol>
    <UpdatedAt>1585738707000</UpdatedAt>
  </Records>
</data>
<requestId>F4A5123A-E926-4B83-8C62-62A9490163D3</requestId>
<success>>true</success>
</ListOrgPortsResponse>

```

### JSON format

```

{
  "code": 200,
  "data": {
    "TotalCount": 12,
    "PageSize": 10,
    "CurrentPage": 1,
    "Records": [

```



```
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "1.3.3e",
  "IP": "192.28.50.165",
  "Port": 21,
  "Service": "ftp",
  "Product": "ProFTPD",
  "Index": 1,
  "Id": 1,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "5.3p1 Debian 3ubuntu7.1",
  "IP": "192.28.50.165",
  "Port": 22,
  "Service": "ssh",
  "Product": "OpenSSH",
  "Index": 2,
  "Id": 2,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 53,
  "Service": "domain",
  "Product": "",
  "Index": 3,
  "Id": 3,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "1.4.1",
  "IP": "192.28.50.165",
  "Port": 80,
  "Service": "http",
  "Product": "nginx",
  "Index": 4,
  "Id": 4,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 106,
  "Service": "pop3pw",
  "Product": "poppassd",
  "Index": 5,
  "Id": 5,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
}
```

```
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 110,
  "Service": "pop3",
  "Product": "Courier pop3d",
  "Index": 6,
  "Id": 6,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 143,
  "Service": "imap",
  "Product": "Plesk Courier imapd",
  "Index": 7,
  "Id": 7,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 465,
  "Service": "smtp",
  "Product": "Postfix smtpd",
  "Index": 8,
  "Id": 8,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 993,
  "Service": "imap",
  "Product": "Plesk Courier imapd",
  "Index": 9,
  "Id": 9,
  "Protocol": "tcp",
  "UpdatedAt": 1585738707000
},
{
  "OrgId": 1,
  "Fingerprint": "",
  "Version": "",
  "IP": "192.28.50.165",
  "Port": 995,
  "Service": "pop3",
  "Product": "Courier pop3d",
  "Index": 10,
  "Id": 10,
  "Protocol": "tcp",
```

```
    "UpdatedAt": 1585738707000
  }
]
},
"requestId": "F4A5123A-E926-4B83-8C62-62A9490163D3",
"success": true
}
```

### Error codes

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

## 7.16 ListOrgRiskyAssets

Queries the assets at risk of organizations.

### 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
<b>Action</b>	String	Yes	ListOrgRiskyAssets	The operation that you want to perform. Set the value to <b>ListOrgRiskyAssets</b> .
<b>OrgId</b>	Integer	No	1	The ID of the organization.

### Response parameters

Parameter	Type	Example	Description
Assets	Array		The list of assets.
Asset	String	testphp.vulnweb.com	The name of the asset.
Count	Integer	10	The number of assets at risk.
Type	String	Domain	The type of the asset.

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
RequestId	String	13B841A7-F5B4-49D6-A9D1-210D5C8E69BF	The ID of the request.
Total	Integer	39	The number of returned entries.
TotalCount	Integer	2	The total number of assets.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgRiskyAssets
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgRiskyAssetsResponse>
  <code></code>
  <message></message>
  <success>true</success>
  <data>
    <Total>10</Total>
    <Assets>
      <Asset>1.2.3.4</Asset>
      <Type>Host</Type>
      <Count>123</Count>
    </Assets>
    <Assets>
      <Asset>foo.com</Asset>
      <Type>Domain</Type>
      <Count>123</Count>
    </Assets>
    <Assets>
      <Asset>bar.com</Asset>
      <Type>Domain</Type>
      <Count>123</Count>
    </Assets>
  </data>
</ListOrgRiskyAssetsResponse>
```

```
<CurrentPage>1</CurrentPage>
<PageSize>10</PageSize>
<TotalCount>10</TotalCount>
</data>
</ListOrgRiskyAssetsResponse>
```

#### JSON format

```
{
  "code": "",
  "message": "",
  "success": true,
  "data": {
    "Total": 123,
    "Assets": [
      {
        "Asset": "1.2.3.4",
        "Type": "Host",
        "Count": 123
      },
      {
        "Asset": "foo.com",
        "Type": "Domain",
        "Count": 123
      },
      {
        "Asset": "bar.com",
        "Type": "Domain",
        "Count": 123
      }
    ],
    "Total": 10,
    "CurrentPage": 1,
    "PageSize": 10,
    "TotalCount": 10
  }
}
```

#### Error codes

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

## 7.17 ListOrgSubdomains

Queries the subdomains of a specified organization.

#### 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
<b>Action</b>	String	Yes	ListOrgSubdomains	The operation that you want to perform. Set the value to <b>ListOrgSubdomains</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Search</b>	String	No	foobar	Specifies the subdomain you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
Records	Array		The list of records.
Domain	String	aliyun.com	The root domain.

Parameter	Type	Example	Description
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
OrgId	Integer	1	The ID of the organization.
Subdomain	String	testphp.vulnweb.com	The subdomain.
UpdatedAt	Long	1585737153000	The update time.
RequestId	String	F4A5123A-E926-4B83-8C62-62A9490163D	The ID of the request.
TotalCount	Integer	10	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgSubdomains
&OrgId=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgSubdomainsResponse>
  <code>200</code>
  <data>
    <TotalCount>1</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Records>
      <OrgId>1</OrgId>
      <Subdomain>testphp.vulnweb.com</Subdomain>
      <Index>1</Index>
      <Id>1</Id>
      <Domain>vulnweb.com</Domain>
      <UpdatedAt>1585737153000</UpdatedAt>
    </Records>
  </data>
  <requestId>ADE203B0-24F9-487E-AB36-671AB90FDC2E</requestId>
  <success>true</success>
```

```
</ListOrgSubdomainsResponse>
```

JSON format

```
{
  "code": 200,
  "data": {
    "TotalCount": 1,
    "PageSize": 10,
    "CurrentPage": 1,
    "Records": [
      {
        "OrgId": 1,
        "Subdomain": "testphp.vulnweb.com",
        "Index": 1,
        "Id": 1,
        "Domain": "vulnweb.com",
        "UpdatedAt": 1585737153000
      }
    ]
  },
  "requestId": "ADE203B0-24F9-487E-AB36-671AB90FDC2E",
  "success": true
}
```

### Error codes

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

## 7.18 ListOrgVulFacets

Queries the risk information about the assets of organizations.

### 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
<b>Action</b>	String	Yes	ListOrgVulFacets	The operation that you want to perform. Set the value to <b>ListOrgVulFacets</b> .
<b>OrgId</b>	Integer	No	1	The ID of the organization.
<b>Asset</b>	String	No	www.aliyun.com	The asset.



Parameter	Type	Required	Example	Description
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>Lang</b>	String	No	en	The language type of the request and response. Valid values: <ul style="list-style-type: none"> <li><b>zh</b>: Chinese</li> <li><b>en</b>: English</li> </ul>
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
RequestId	String	14B0B62A-72C5-44E0-866D-55817A31353A	The ID of the request.
Total	Integer	10	The total number of returned entries.
TotalCount	Integer	17	The total number of assets.
Vuls	Array		The total number of vulnerabilities.

Parameter	Type	Example	Description
Classification	String	SQL Injection	The category of the vulnerability.
Count	Integer	7	The number of vulnerabilities.
Index	Integer	1	The index number.
ModuleID	Integer	1	The ID of the module.
Name	String	SQL Injection Vulnerability	The name of the vulnerability.
Severity	String	High	The severity of the vulnerability. Valid values: <ul style="list-style-type: none"> <li>• <b>High</b></li> <li>• <b>Medium</b></li> <li>• <b>Low</b></li> <li>• <b>Info</b></li> </ul>

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgVulFacets
&<Common request parameters>
```

### Sample success responses

### XML format

```
<ListOrgVulFacetsResponse>
  <code>200</code>
  <data>
    <TotalCount>17</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Vuls>
      <ModuleID>98</ModuleID>
      <Classification>SQL Injection</Classification>
      <Index>1</Index>
      <Severity>High</Severity>
      <Count>7</Count>
      <Name>SQL Injection Vulnerability</Name>
    </Vuls>
    <Vuls>
      <ModuleID>2308</ModuleID>
      <Classification>SQL Injection</Classification>
      <Index>2</Index>
      <Severity>High</Severity>
      <Count>1</Count>
```

```
<Name>Error-based SQL Injection</Name>
</Vuls>
<Vuls>
  <ModuleID>116</ModuleID>
  <Classification>Sensitive Information Leakage</Classification>
  <Index>3</Index>
  <Severity>High</Severity>
  <Count>1</Count>
  <Name>Backup File Package Download</Name>
</Vuls>
<Vuls>
  <ModuleID>2045</ModuleID>
  <Classification></Classification>
  <Index>4</Index>
  <Severity>High</Severity>
  <Count>1</Count>
  <Name>Source Code Leakage Due to Improper Configuration of Web Application
</Name>
</Vuls>
<Vuls>
  <ModuleID>894</ModuleID>
  <Classification>Server-side Request Forgery</Classification>
  <Index>5</Index>
  <Severity>High</Severity>
  <Count>1</Count>
  <Name>Server-side Request Forgery</Name>
</Vuls>
<Vuls>
  <ModuleID>2068</ModuleID>
  <Classification></Classification>
  <Index>6</Index>
  <Severity>High</Severity>
  <Count>1</Count>
  <Name>Macromedia Dreamweaver Remote Database Script</Name>
</Vuls>
<Vuls>
  <ModuleID>2311</ModuleID>
  <Classification>Reflected XSS</Classification>
  <Index>7</Index>
  <Severity>Medium</Severity>
  <Count>7</Count>
  <Name>XSS Vulnerability</Name>
</Vuls>
<Vuls>
  <ModuleID>1074</ModuleID>
  <Classification>Sensitive Information Leakage</Classification>
  <Index>8</Index>
  <Severity>Medium</Severity>
  <Count>7</Count>
  <Name>Directory Open and Accessible</Name>
</Vuls>
<Vuls>
  <ModuleID>2019</ModuleID>
  <Classification></Classification>
  <Index>9</Index>
  <Severity>Medium</Severity>
  <Count>1</Count>
  <Name>Nginx SPDY Heap Buffer Overflow Vulnerability CVE-2014-0133</Name>
</Vuls>
<Vuls>
  <ModuleID>118</ModuleID>
  <Classification>Sensitive Information Leakage</Classification>
  <Index>10</Index>
  <Severity>Medium</Severity>
```

```

    <Count>1</Count>
    <Name>Leakage of Server Information in the phpinfo File</Name>
  </Vuls>
</data>
<requestId>14B0B62A-72C5-44E0-866D-55817A31353A</requestId>
<success>true</success>
</ListOrgVulFacetsResponse>

```

### JSON format

```

{
  "code": 200,
  "data": {
    "TotalCount": 17,
    "PageSize": 10,
    "CurrentPage": 1,
    "Vuls": [
      {
        "ModuleID": 98,
        "Classification": "SQL Injection",
        "Index": 1,
        "Severity": "High",
        "Count": 7,
        "Name": "SQL Injection Vulnerability"
      },
      {
        "ModuleID": 2308,
        "Classification": "SQL Injection",
        "Index": 2,
        "Severity": "High",
        "Count": 1,
        "Name": "Error-based SQL Injection"
      },
      {
        "ModuleID": 116,
        "Classification": "Sensitive Information Leakage",
        "Index": 3,
        "Severity": "High",
        "Count": 1,
        "Name": "Backup File Package Download"
      },
      {
        "ModuleID": 2045,
        "Classification": "",
        "Index": 4,
        "Severity": "High",
        "Count": 1,
        "Name": "Source Code Leakage Due to Improper Configuration of Web
Application"
      },
      {
        "ModuleID": 894,
        "Classification": "Server-side Request Forgery",
        "Index": 5,
        "Severity": "High",
        "Count": 1,
        "Name": "Server-side Request Forgery"
      },
      {
        "ModuleID": 2068,
        "Classification": "",
        "Index": 6,
        "Severity": "High",

```

```
    "Count": 1,
    "Name": "Macromedia Dreamweaver Remote Database Script"
  },
  {
    "ModuleID": 2311,
    "Classification": "Reflected XSS",
    "Index": 7,
    "Severity": "Medium",
    "Count": 7,
    "Name": "XSS Vulnerability"
  },
  {
    "ModuleID": 1074,
    "Classification": "Sensitive Information Leakage",
    "Index": 8,
    "Severity": "Medium",
    "Count": 7,
    "Name": "Directory Open and Accessible"
  },
  {
    "ModuleID": 2019,
    "Classification": "",
    "Index": 9,
    "Severity": "Medium",
    "Count": 1,
    "Name": "Nginx SPDY Heap Buffer Overflow Vulnerability CVE-2014-0133"
  },
  {
    "ModuleID": 118,
    "Classification": "Sensitive Information Leakage",
    "Index": 10,
    "Severity": "Medium",
    "Count": 1,
    "Name": "Leakage of Server Information in the phpinfo File"
  }
]
},
"requestId": "14B0B62A-72C5-44E0-866D-55817A31353A",
"success": true
}
```

### Error codes

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

## 7.19 ListOrgWebPaths

Queries the web file paths of a specified organization.

### 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
<b>Action</b>	String	Yes	ListOrgWebPaths	The operation that you want to perform. Set the value to <b>ListOrgWebPaths</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Search</b>	String	No	foobar	Specifies the web file path you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
Records	Array		The list of records.
Id	Integer	1	The ID of the record.

Parameter	Type	Example	Description
Index	Integer	2	The index number.
OrgId	Integer	1	The ID of the organization.
Path	String	foobar.php	The name of the path.
Site	String	https://www.aliyun.com/price/product#/ecs/detail	The site information.
UpdatedAt	Long	1585745428000	The update time.
RequestId	String	325C5AD1-33F6-4AE7-A17F-80CE9C910950	The ID of the request.
TotalCount	Integer	20	The total number of returned records.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgWebPaths
&OrgId=1
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgWebPathsResponse>
  <code>200</code>
  <data>
    <TotalCount>34</TotalCount>
    <PageSize>10</PageSize>
    <CurrentPage>1</CurrentPage>
    <Records>
      <Site>https://www.aliyun.com/</Site>
      <Path>/foobar.php</Path>
      <OrgId>1</OrgId>
      <Index>1</Index>
      <Id>37</Id>
      <UpdatedAt>1585745428000</UpdatedAt>
    </Records>
    <Records>
      <Site>http://192.28.50.165:8443</Site>
      <Path>/</Path>
      <OrgId>1</OrgId>
      <Index>2</Index>
      <Id>1</Id>
```

```
<UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>http://192.28.50.165:8880</Site>
  <Path>/</Path>
  <OrgId>1</OrgId>
  <Index>3</Index>
  <Id>2</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/</Path>
  <OrgId>1</OrgId>
  <Index>4</Index>
  <Id>3</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/idea/</Path>
  <OrgId>1</OrgId>
  <Index>5</Index>
  <Id>4</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/admin/</Path>
  <OrgId>1</OrgId>
  <Index>6</Index>
  <Id>5</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/AJAX/titles.php</Path>
  <OrgId>1</OrgId>
  <Index>7</Index>
  <Id>6</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/artists.php</Path>
  <OrgId>1</OrgId>
  <Index>8</Index>
  <Id>7</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/cart.php</Path>
  <OrgId>1</OrgId>
  <Index>9</Index>
  <Id>8</Id>
  <UpdatedAt>1585739394000</UpdatedAt>
</Records>
<Records>
  <Site>https://www.aliyun.com/</Site>
  <Path>/categories.php</Path>
  <OrgId>1</OrgId>
  <Index>10</Index>
  <Id>9</Id>
```



```
<UpdatedAt>1585739394000</UpdatedAt>
</Records>
</data>
<requestId>325C5AD1-33F6-4AE7-A17F-80CE9C910950</requestId>
<success>true</success>
</ListOrgWebPathsResponse>
```

### JSON format

```
{
  "code": 200,
  "data": {
    "TotalCount": 34,
    "PageSize": 10,
    "CurrentPage": 1,
    "Records": [
      {
        "Site": "https://www.aliyun.com/",
        "Path": "/foobar.php",
        "OrgId": 1,
        "Index": 1,
        "Id": 37,
        "UpdatedAt": 1585745428000
      },
      {
        "Site": "http://192.28.50.165:8443",
        "Path": "/",
        "OrgId": 1,
        "Index": 2,
        "Id": 1,
        "UpdatedAt": 1585739394000
      },
      {
        "Site": "http://192.28.50.165:8880",
        "Path": "/",
        "OrgId": 1,
        "Index": 3,
        "Id": 2,
        "UpdatedAt": 1585739394000
      },
      {
        "Site": "https://www.aliyun.com/",
        "Path": "/",
        "OrgId": 1,
        "Index": 4,
        "Id": 3,
        "UpdatedAt": 1585739394000
      },
      {
        "Site": "https://www.aliyun.com/",
        "Path": "/.idea/",
        "OrgId": 1,
        "Index": 5,
        "Id": 4,
        "UpdatedAt": 1585739394000
      },
      {
        "Site": "https://www.aliyun.com/",
        "Path": "/admin/",
        "OrgId": 1,
        "Index": 6,
        "Id": 5,
        "UpdatedAt": 1585739394000
      }
    ]
  }
}
```

```
    },
    {
      "Site": "https://www.aliyun.com/",
      "Path": "/AJAX/titles.php",
      "OrgId": 1,
      "Index": 7,
      "Id": 6,
      "UpdatedAt": 1585739394000
    },
    {
      "Site": "https://www.aliyun.com/",
      "Path": "/artists.php",
      "OrgId": 1,
      "Index": 8,
      "Id": 7,
      "UpdatedAt": 1585739394000
    },
    {
      "Site": "https://www.aliyun.com/",
      "Path": "/cart.php",
      "OrgId": 1,
      "Index": 9,
      "Id": 8,
      "UpdatedAt": 1585739394000
    },
    {
      "Site": "https://www.aliyun.com/",
      "Path": "/categories.php",
      "OrgId": 1,
      "Index": 10,
      "Id": 9,
      "UpdatedAt": 1585739394000
    }
  ]
},
"requestId": "325C5AD1-33F6-4AE7-A17F-80CE9C910950",
"success": true
}
```

### Error codes

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

## 7.20 ListOrgWebTechs

Queries the web applications of a specified organization.

### 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
<b>Action</b>	String	Yes	ListOrgWeb Techs	The operation that you want to perform. Set the value to <b>ListOrgWebTechs</b> .
<b>OrgId</b>	Integer	Yes	1	The ID of the organization.
<b>Search</b>	String	No	foobar	Specifies the web application you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
Records	Array		The list of records.
Id	Integer	1	The ID of the record.

Parameter	Type	Example	Description
Index	Integer	1	The index number.
Name	String	Nginx	The name of the application.
OrgId	Integer	1	The ID of the organization.
PoweredBy	String	PHP/5.3.10-1~ lucid+2uwsgi2	The programming language.
Server	String	nginx/1.4.1	The web server.
Title	String	Home of Acunetix Art	The title.
URL	String	http://testphp. vulnweb.com	The URL.
UpdatedAt	Long	1585738885000	The update time.
Version	String	1.4.1	The version number.
RequestId	String	EB080B27-A148 -4C86-A839- 78986C022891	The ID of the request.
TotalCount	Integer	20	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListOrgWebTechs  
&OrgId=1  
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListOrgWebTechsResponse>  
  <code>200</code>  
  <data>  
    <TotalCount>6</TotalCount>  
    <PageSize>10</PageSize>  
    <CurrentPage>1</CurrentPage>  
    <Records>  
      <OrgId>1</OrgId>  
      <PoweredBy>PHP/5.3.10-1~lucid+2uwsgi2</PoweredBy>
```

```
<Server>nginx/1.4.1</Server>
<Version>1.4.1</Version>
<Title>Home of Acunetix Art</Title>
<Index>1</Index>
<Id>5</Id>
<UpdatedAt>1585738885000</UpdatedAt>
<URL>https://www.aliyun.com/</URL>
<Name>Nginx</Name>
</Records>
<Records>
  <OrgId>1</OrgId>
  <PoweredBy>PHP/5.3.10-1~lucid+2uwsgi2</PoweredBy>
  <Server>nginx/1.4.1</Server>
  <Version></Version>
  <Title>Home of Acunetix Art</Title>
  <Index>2</Index>
  <Id>6</Id>
  <UpdatedAt>1585738885000</UpdatedAt>
  <URL>https://www.aliyun.com//admin/</URL>
  <Name>Index Of</Name>
</Records>
<Records>
  <OrgId>1</OrgId>
  <PoweredBy></PoweredBy>
  <Server>sw-cp-server</Server>
  <Version></Version>
  <Title>404 - Not Found</Title>
  <Index>3</Index>
  <Id>3</Id>
  <UpdatedAt>1585738731000</UpdatedAt>
  <URL>https://www.aliyun.com/:8443</URL>
  <Name>Plesk</Name>
</Records>
<Records>
  <OrgId>1</OrgId>
  <PoweredBy></PoweredBy>
  <Server>sw-cp-server</Server>
  <Version></Version>
  <Title>404 - Not Found</Title>
  <Index>4</Index>
  <Id>4</Id>
  <UpdatedAt>1585738731000</UpdatedAt>
  <URL>https://www.aliyun.com/:8880</URL>
  <Name>Plesk</Name>
</Records>
<Records>
  <OrgId>1</OrgId>
  <PoweredBy></PoweredBy>
  <Server>sw-cp-server</Server>
  <Version></Version>
  <Title>404 - Not Found</Title>
  <Index>5</Index>
  <Id>1</Id>
  <UpdatedAt>1585738728000</UpdatedAt>
  <URL>http://192.28.50.165:8443</URL>
  <Name>Plesk</Name>
</Records>
<Records>
  <OrgId>1</OrgId>
  <PoweredBy></PoweredBy>
  <Server>sw-cp-server</Server>
  <Version></Version>
  <Title>404 - Not Found</Title>
  <Index>6</Index>
```

```

<Id>2</Id>
<UpdatedAt>1585738728000</UpdatedAt>
<URL>http://192.28.50.165:8880</URL>
<Name>Plesk</Name>
</Records>
</data>
<requestId>EB080B27-A148-4C86-A839-78986C022891</requestId>
<success>>true</success>
</ListOrgWebTechsResponse>

```

### JSON format

```

{
  "code": 200,
  "data": {
    "TotalCount": 6,
    "PageSize": 10,
    "CurrentPage": 1,
    "Records": [
      {
        "OrgId": 1,
        "PoweredBy": "PHP/5.3.10-1~lucid+2uwsgi2",
        "Server": "nginx/1.4.1",
        "Version": "1.4.1",
        "Title": "Home of Acunetix Art",
        "Index": 1,
        "Id": 5,
        "UpdatedAt": 1585738885000,
        "URL": "https://www.aliyun.com/",
        "Name": "Nginx"
      },
      {
        "OrgId": 1,
        "PoweredBy": "PHP/5.3.10-1~lucid+2uwsgi2",
        "Server": "nginx/1.4.1",
        "Version": "",
        "Title": "Home of Acunetix Art",
        "Index": 2,
        "Id": 6,
        "UpdatedAt": 1585738885000,
        "URL": "https://www.aliyun.com//admin/",
        "Name": "Index Of"
      },
      {
        "OrgId": 1,
        "PoweredBy": "",
        "Server": "sw-cp-server",
        "Version": "",
        "Title": "404 - Not Found",
        "Index": 3,
        "Id": 3,
        "UpdatedAt": 1585738731000,
        "URL": "https://www.aliyun.com/:8443",
        "Name": "Plesk"
      },
      {
        "OrgId": 1,
        "PoweredBy": "",
        "Server": "sw-cp-server",
        "Version": "",
        "Title": "404 - Not Found",
        "Index": 4,
        "Id": 4,

```

```
    "UpdatedAt": 1585738731000,
    "URL": "https://www.aliyun.com/:8880",
    "Name": "Plesk"
  },
  {
    "OrgId": 1,
    "PoweredBy": "",
    "Server": "sw-cp-server",
    "Version": "",
    "Title": "404 - Not Found",
    "Index": 5,
    "Id": 1,
    "UpdatedAt": 1585738728000,
    "URL": "http://192.28.50.165:8443",
    "Name": "Plesk"
  },
  {
    "OrgId": 1,
    "PoweredBy": "",
    "Server": "sw-cp-server",
    "Version": "",
    "Title": "404 - Not Found",
    "Index": 6,
    "Id": 2,
    "UpdatedAt": 1585738728000,
    "URL": "http://192.28.50.165:8880",
    "Name": "Plesk"
  }
]
},
"requestId": "EB080B27-A148-4C86-A839-78986C022891",
"success": true
}
```

### Error codes

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

## 7.21 ListUserAttackSurfaceFacets

Queries the attack surface statistics of your assets.

### 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
<b>Action</b>	String	Yes	ListUserAttackSurfaceFacets	The operation that you want to perform. Set the value to <b>ListUserAttackSurfaceFacets</b> .

## Response parameters

Parameter	Type	Example	Description
DNSMap	Struct		The DNS records of assets.
New	Integer	10	The number of added DNS records.
Total	Integer	20	The total number of DNS records.
Domains	Struct		The domain names under your account.
New	Integer	10	The number of added domain names.
Total	Integer	20	The total number of domain names.
Hosts	Struct		The hosts under your account.
New	Integer	10	The number of added hosts.
Total	Integer	20	The total number of hosts under your account.
Ports	Struct		The ports opened on your hosts.
New	Integer	10	The number of added ports.
Total	Integer	20	The total number of ports opened on hosts.
RequestId	String	714FE3CF-1755-440D-856A-97E8A082EE63	The ID of the request.



Parameter	Type	Example	Description
Subdomains	Struct		The subdomains under your account.
New	Integer	10	The number of added subdomains.
Total	Integer	20	The total number of subdomains under your account.
WebPaths	Struct		The web file paths of your websites.
New	Integer	10	The number of added web file paths.
Total	Integer	20	The total number of web file paths.
WebTechs	Struct		The web applications used in all your websites.
New	Integer	10	The number of added web applications.
Total	Integer	20	The total number of web applications in all your websites.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserAttackSurfaceFacets
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserAttackSurfaceFacetsResponse>
  <DNSMap>
    <New>37097</New>
    <Total>37097</Total>
  </DNSMap>
  <WebPaths>
    <New>5599</New>
    <Total>5599</Total>
  </WebPaths>
  <Subdomains>
    <New>193901</New>
    <Total>193901</Total>
```

```
</Subdomains>
<RequestId>FED005E5-833F-4C61-AF07-B0C8AF03A554</RequestId>
<WebTechs>
  <New>33177</New>
  <Total>33177</Total>
</WebTechs>
<Hosts>
  <New>603</New>
  <Total>603</Total>
</Hosts>
<Domains>
  <New>57</New>
  <Total>57</Total>
</Domains>
<Ports>
  <New>2417</New>
  <Total>2417</Total>
</Ports>
</ListUserAttackSurfaceFacetsResponse>
```

### JSON format

```
{
  "DNSMap": {
    "New": 37097,
    "Total": 37097
  },
  "WebPaths": {
    "New": 5599,
    "Total": 5599
  },
  "Subdomains": {
    "New": 193901,
    "Total": 193901
  },
  "RequestId": "FED005E5-833F-4C61-AF07-B0C8AF03A554",
  "WebTechs": {
    "New": 33177,
    "Total": 33177
  },
  "Hosts": {
    "New": 603,
    "Total": 603
  },
  "Domains": {
    "New": 57,
    "Total": 57
  },
  "Ports": {
    "New": 2417,
    "Total": 2417
  }
}
```

### Error codes

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

## 7.22 ListUserDNSMap

Queries the DNS records of users.

### 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
<b>Action</b>	String	Yes	ListUserDNSMap	The operation that you want to perform. Set the value to <b>ListUserDNSMap</b> .
<b>Search</b>	String	No	type:cname	Specifies the content you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page.

Parameter	Type	Example	Description
Records	Array		The list of records.
Domain	String	aliyun.com	The domain.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number of the record.
Record	String	a.aliyun.com.com	The DNS record.
Subdomain	String	a.aliyun.com	The subdomain.
Type	String	cname	The type of the DNS record. Valid values: <ul style="list-style-type: none"> <li><b>cname</b>: indicates a CNAME record.</li> <li><b>a</b>: indicates an A record.</li> </ul>
UpdatedAt	Long	1581562324000	The time when the data on the attack surface was queried and updated.
RequestId	String	6E4DC5A2-1870-477D-91FC-56F95F9F7455	The ID of the request.
TotalCount	Integer	20	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserDNSMap
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserDNSMapResponse>
  <Records>
    <UpdatedAt>1581356497000</UpdatedAt>
    <Index>21</Index>
    <Record>o-o.preferred.tm-kul1.v18.cache.c.pack.aliyun.com. </Record>
    <Domain>aliyun.com</Domain>
    <Type>CNAME</Type>
```

```
<Subdomain>o-o---preferred---tm-kul1---v18---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39359</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>22</Index>
  <Record>o-o.preferred.telkom-cpt1.v19.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---telkom-cpt1---v19---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39357</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>23</Index>
  <Record>o-o.preferred.teksavvy-xcm1.v24.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---teksavvy-xcm1---v24---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39355</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>24</Index>
  <Record>o-o.preferred.suddenlink-crw1.v2.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---suddenlink-crw1---v2---cache.c.pack.aliyune.com
</Subdomain>
  <Id>39339</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>25</Index>
  <Record>o-o.preferred.stcigw-ruh1.v17.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---stcigw-ruh1---v17---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39337</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>26</Index>
  <Record>o-o.preferred.sonet-hnd1.v21.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sonet-hnd1---v21---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39331</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>27</Index>
  <Record>o-o.preferred.sn-xjpm-q0nl.v23.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-xjpm-q0nl---v23---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39326</Id>
</Records>
```

```
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>28</Index>
  <Record>o-o.preferred.sn-x5guiapo3uxax-cbfl.v12.cache.c.pack.aliyun.com. </
Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-x5guiapo3uxax-cbfl---v12---cache.c.pack.aliyun
.com</Subdomain>
  <Id>39322</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>29</Index>
  <Record>o-o.preferred.sn-x1x7sn7k.v6.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-x1x7sn7k---v6---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39321</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>30</Index>
  <Record>o-o.preferred.sn-vgqelned.v16.lscache2.c.android.clients.aliyun.com. </
Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-vgqelned---v16---lscache2.c.android.clients.
aliyun.com</Subdomain>
  <Id>39315</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>31</Index>
  <Record>o-o.preferred.sn-ugvoqgxgxoqgbp-ugqe.v2.cache.c.pack.aliyun.com. </
Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-ugvoqgxgxoqgbp-ugqe---v2---cache.c.pack.
aliyun.com</Subdomain>
  <Id>39292</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>32</Index>
  <Record>o-o.preferred.sn-qxa7en7e.v3.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-qxa7en7e---v3---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39277</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>33</Index>
  <Record>o-o.preferred.sn-q0c7dn7e.v8.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-q0c7dn7e---v8---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39274</Id>
</Records>
<Records>
```

```
<UpdatedAt>1581356497000</UpdatedAt>
<Index>34</Index>
<Record>o-o.preferred.sn-q0c7dn7e.v18.cache.c.pack.aliyun.com. </Record>
<Domain>aliyun.com</Domain>
<Type>CNAME</Type>
<Subdomain>o-o---preferred---sn-q0c7dn7e---v18---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39273</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>35</Index>
  <Record>o-o.preferred.sn-p5qlsn7z.v5.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-p5qlsn7z---v5---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39260</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>36</Index>
  <Record>o-o.preferred.sn-p5qlsn7z.v13.nonxt6.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-p5qlsn7z---v13---nonxt6.c.pack.aliyun.com</
Subdomain>
  <Id>39258</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>37</Index>
  <Record>o-o.preferred.sn-p5qlsn7l.v18.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-p5qlsn7l---v18---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39256</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>38</Index>
  <Record>o-o.preferred.sn-p5qlsn7l.v17.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-p5qlsn7l---v17---cache.c.pack.aliyun.com</
Subdomain>
  <Id>39255</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>39</Index>
  <Record>o-o.preferred.sn-oxujvhcc-inbe.v21.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
  <Type>CNAME</Type>
  <Subdomain>o-o---preferred---sn-oxujvhcc-inbe---v21---cache.c.pack.aliyun.com
</Subdomain>
  <Id>39253</Id>
</Records>
<Records>
  <UpdatedAt>1581356497000</UpdatedAt>
  <Index>40</Index>
  <Record>o-o.preferred.sn-o097zne.v18.cache.c.pack.aliyun.com. </Record>
  <Domain>aliyun.com</Domain>
```

```

<Type>CNAME</Type>
<Subdomain>o-o---preferred---sn-o097znez---v18---cache.c.pack.aliyun.com</
Subdomain>
<Id>39249</Id>
</Records>
<TotalCount>441</TotalCount>
<PageSize>20</PageSize>
<RequestId>90AE338C-0AD1-4185-9584-D3FDE2CB3005</RequestId>
<CurrentPage>2</CurrentPage>
</ListUserDNSMapResponse>

```

### JSON format

```

{
  "Records": [
    {
      "UpdatedAt": 1581356497000,
      "Index": 21,
      "Record": "o-o.preferred.tm-kul1.v18.cache.c.pack.aliyun.com.",
      "Domain": "aliyun.com",
      "Type": "CNAME",
      "Subdomain": "o-o---preferred---tm-kul1---v18---cache.c.pack.aliyun.com",
      "Id": 39359
    },
    {
      "UpdatedAt": 1581356497000,
      "Index": 22,
      "Record": "o-o.preferred.telkom-cpt1.v19.cache.c.pack.aliyun.com.",
      "Domain": "aliyun.com",
      "Type": "CNAME",
      "Subdomain": "o-o---preferred---telkom-cpt1---v19---cache.c.pack.aliyun.com",
      "Id": 39357
    },
    {
      "UpdatedAt": 1581356497000,
      "Index": 23,
      "Record": "o-o.preferred.teksavvy-xcm1.v24.cache.c.pack.aliyun.com.",
      "Domain": "aliyun.com",
      "Type": "CNAME",
      "Subdomain": "o-o.teksavvy-xcm1---v24---cache.c.pack.aliyun.com",
      "Id": 39355
    },
    {
      "UpdatedAt": 1581356497000,
      "Index": 24,
      "Record": "o-o.preferred.suddenlink-crw1.v2.cache.c.pack.aliyun.com.",
      "Domain": "aliyun.com",
      "Type": "CNAME",
      "Subdomain": "o-o---preferred---suddenlink-crw1---v2---cache.c.pack.aliyun.
com",
      "Id": 39339
    },
    {
      "UpdatedAt": 1581356497000,
      "Index": 25,
      "Record": "o-o.preferred.stcigw-ruh1.v17.cache.c.pack.aliyun.com.",
      "Domain": "aliyun.com",
      "Type": "CNAME",
      "Subdomain": "o-o---preferred---stcigw-ruh1---v17---cache.c.pack.aliyun.com",
      "Id": 39337
    },
    {
      "UpdatedAt": 1581356497000,

```



```
"Index": 26,
"Record": "o-o.preferred.sonet-hnd1.v21.cache.c.pack.aliyun.com.",
"Domain": "aliyun.com",
"Type": "CNAME",
"Subdomain": "o-o---preferred---sonet-hnd1---v21---cache.c.pack.aliyun.com",
"Id": 39331
},
{
  "UpdatedAt": 1581356497000,
  "Index": 27,
  "Record": "o-o.preferred.sn-xjpm-q0nl.v23.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-xjpm-q0nl---v23---cache.c.pack.aliyun.com",
  "Id": 39326
},
{
  "UpdatedAt": 1581356497000,
  "Index": 28,
  "Record": "o-o.preferred.sn-x5guiapo3uxax-cbfl.v12.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-x5guiapo3uxax-cbfl---v12---cache.c.pack.
aliyun.com",
  "Id": 39322
},
{
  "UpdatedAt": 1581356497000,
  "Index": 29,
  "Record": "o-o.preferred.sn-x1x7sn7k.v6.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-x1x7sn7k---v6---cache.c.pack.aliyun.com",
  "Id": 39321
},
{
  "UpdatedAt": 1581356497000,
  "Index": 30,
  "Record": "o-o.preferred.sn-vgqelned.v16.lscache2.c.android.clients.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-vgqelned---v16---lscache2.c.android.clients.
aliyun.com",
  "Id": 39315
},
{
  "UpdatedAt": 1581356497000,
  "Index": 31,
  "Record": "o-o.preferred.sn-ugvoqxgxoxgbp-ugqe.v2.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-ugvoqxgxoxgbp-ugqe---v2---cache.c.pack.
aliyun.com",
  "Id": 39292
},
{
  "UpdatedAt": 1581356497000,
  "Index": 32,
  "Record": "o-o.preferred.sn-qxa7en7e.v3.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-qxa7en7e---v3---cache.c.pack.aliyun.com",
  "Id": 39277
},
}
```

```
{
  "UpdatedAt": 1581356497000,
  "Index": 33,
  "Record": "o-o.preferred.sn-q0c7dn7e.v8.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-q0c7dn7e---v8---cache.c.pack.aliyun.com",
  "Id": 39274
},
{
  "UpdatedAt": 1581356497000,
  "Index": 34,
  "Record": "o-o.preferred.sn-q0c7dn7e.v18.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-q0c7dn7e---v18---cache.c.pack.aliyun.com",
  "Id": 39273
},
{
  "UpdatedAt": 1581356497000,
  "Index": 35,
  "Record": "o-o.preferred.sn-p5qlsn7z.v5.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-p5qlsn7z---v5---cache.c.pack.aliyun.com",
  "Id": 39260
},
{
  "UpdatedAt": 1581356497000,
  "Index": 36,
  "Record": "o-o.preferred.sn-p5qlsn7z.v13.nonxt6.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-p5qlsn7z---v13---nonxt6.c.pack.aliyun.com",
  "Id": 39258
},
{
  "UpdatedAt": 1581356497000,
  "Index": 37,
  "Record": "o-o.preferred.sn-p5qlsn7l.v18.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-p5qlsn7l---v18---cache.c.pack.aliyun.com",
  "Id": 39256
},
{
  "UpdatedAt": 1581356497000,
  "Index": 38,
  "Record": "o-o.preferred.sn-p5qlsn7l.v17.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-p5qlsn7l---v17---cache.c.pack.aliyun.com",
  "Id": 39255
},
{
  "UpdatedAt": 1581356497000,
  "Index": 39,
  "Record": "o-o.preferred.sn-oxujvhcc-inbe.v21.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-oxujvhcc-inbe---v21---cache.c.pack.aliyun.com",
  "Id": 39253
},

```

```
{
  "UpdatedAt": 1581356497000,
  "Index": 40,
  "Record": "o-o.preferred.sn-o097znez.v18.cache.c.pack.aliyun.com.",
  "Domain": "aliyun.com",
  "Type": "CNAME",
  "Subdomain": "o-o---preferred---sn-o097znez---v18---cache.c.pack.aliyun.com",
  "Id": 39249
},
"TotalCount": 441,
"PageSize": 20,
"RequestId": "90AE338C-0AD1-4185-9584-D3FDE2CB3005",
"CurrentPage": 2
}
```

### Error codes

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

## 7.23 ListUserDomains

Queries the domains of users.

### 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
<b>Action</b>	String	Yes	ListUserDomains	The operation that you want to perform. Set the value to <b>ListUserDomains</b> .
<b>Search</b>	String	No	aliyun.com	Specifies the domain you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The returned domain information.
Domain	String	aliyun.com	The domain that you queried.
Id	Integer	1	The ID assigned by Cloud Security Scanner to the domain.
Index	Integer	1	The index number of each record in the returned domain information.
UpdatedAt	Long	1582166786000	The time when the data on the attack surface was queried and updated.
RequestId	String	40D177A1-75A0-4192-9848-823AD8705C22	The ID of the request.
TotalCount	Integer	10	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserDomains
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserDomainsResponse>
  <Records>
    <UpdatedAt>1558579833000</UpdatedAt>
    <Index>1</Index>
    <Domain>aliyun.com</Domain>
    <Id>530</Id>
  </Records>
  <TotalCount>1</TotalCount>
```

```
<PageSize>10</PageSize>
<RequestId>37EC8071-9B31-4E4F-8EE5-F4687BAB55F8</RequestId>
<CurrentPage>1</CurrentPage>
</ListUserDomainsResponse>
```

#### JSON format

```
{
  "Records": [
    {
      "UpdatedAt": 1558579833000,
      "Index": 1,
      "Domain": "aliyun.com",
      "Id": 530
    }
  ],
  "TotalCount": 1,
  "PageSize": 10,
  "RequestId": "37EC8071-9B31-4E4F-8EE5-F4687BAB55F8",
  "CurrentPage": 1
}
```

#### Error codes

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

## 7.24 ListUserHosts

Queries the hosts of users.

#### 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
<b>Action</b>	String	Yes	ListUserHosts	The operation that you want to perform. Set the value to <b>ListUserHosts</b> .
<b>Search</b>	String	No	ip:1.1.1.1	Specifies the host you want to query.

Parameter	Type	Required	Example	Description
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The returned host information.
Hostname	String	guest	The hostname in the returned host information.
IP	String	192.168.1.1	The IP address in the returned host information.
Id	Integer	1	The ID assigned by Cloud Security Scanner to the host in the returned host information.
Index	Integer	1	The index number of each record in the returned host information.
OS	String	windows	The operating system of the host in the returned domain information.

Parameter	Type	Example	Description
State	String	up	The status of the host in the returned domain information. Valid values: <ul style="list-style-type: none"> <li><b>up</b>: indicates that the host is online.</li> <li><b>down</b>: indicates that the host is offline.</li> </ul>
UpdatedAt	Long	1581348080000	The time when the host list was updated.
RequestId	String	7DC8391E-D5D8-4E00-A457-1F861F86E78A	The ID of the request.
TotalCount	Integer	269	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserHosts
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserHostsResponse>
  <TotalCount>1</TotalCount>
  <PageSize>10</PageSize>
  <RequestId>4A1AA1D7-F806-475B-8B9B-B9B0B889EA9F</RequestId>
  <CurrentPage>1</CurrentPage>
  <Records>
    <OS>Linux 3.10 - 4.11</OS>
    <State>up</State>
    <IP>1.1.1.1</IP>
    <Hostname></Hostname>
    <Index>1</Index>
    <Id>4741</Id>
    <UpdatedAt>1582625412000</UpdatedAt>
  </Records>
</ListUserHostsResponse>
```

#### JSON format

```
{
  "TotalCount": 1,
  "PageSize": 10,
  "RequestId": "4A1AA1D7-F806-475B-8B9B-B9B0B889EA9F",
```

```
"currentPage": 1,
"Records": [
  {
    "OS": "Linux 3.10 - 4.11",
    "State": "up",
    "IP": "1.1.1.1",
    "Hostname": "",
    "Index": 1,
    "Id": 4741,
    "UpdatedAt": 1582625412000
  }
]
```

### Error codes

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

## 7.25 ListUserOrganizations

Queries the organizations that users created.

### 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
<b>Action</b>	String	Yes	ListUserOrganizations	The operation that you want to perform. Set the value to <b>ListUserOrganizations</b> .
<b>Search</b>	String	No	foobar	Specifies the created organization you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.



Parameter	Type	Required	Example	Description
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
Organizations	Array		The list of organizations.
CreatedAt	Long	1585821325000	The time when the organization was created.
Description	String	This is a new organization	The description of the organization.
Index	Integer	1	The index number.
Name	String	New organization	The name of the organization.
OrgId	Integer	1	The ID of the organization.
UpdatedAt	Long	1585821325000	The update time.
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
RequestId	String	22EBC167-D59C-4E8D-8AEE-11BCDDD49946	The ID of the request.
TotalCount	Integer	4	The total number of organizations.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserOrganizations
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserOrganizationsResponse>
  <TotalCount>0</TotalCount>
  <RequestId>744F6A47-A80F-4557-9222-AD337E902265</RequestId>
  <PageSize>10</PageSize>
  <CurrentPage>1</CurrentPage>
</ListUserOrganizationsResponse>
```

#### JSON format

```
{
  "TotalCount": 0,
  "RequestId": "744F6A47-A80F-4557-9222-AD337E902265",
  "PageSize": 10,
  "CurrentPage": 1,
  "Organizations": []
}
```

## Error codes

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

## 7.26 ListUserPorts

Queries the ports enabled on hosts and the services provided by the ports.

### 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
<b>Action</b>	String	Yes	ListUserPorts	The operation that you want to perform. Set the value to <b>ListUserPorts</b> .

Parameter	Type	Required	Example	Description
<b>Search</b>	String	No	port:80	Specifies the host port or service you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return . Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The ports enabled on hosts and the services provided by the ports.
Fingerprint	String	HTTPAPI httpd	The information of the port fingerprint.
IP	String	192.168.1.1	The IP address.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
Port	Integer	80	The port number.
Product	String	Microsoft HTTPAPI httpd	The name of the product.

Parameter	Type	Example	Description
Protocol	String	tcp	The name of the protocol.
Service	String	http	The name of the service.
UpdatedAt	Long	1581348084000	The update time.
Version	String	1.0	The version number.
RequestId	String	8F39E2EA-2CED -48CD-8F98- C50F3D910975	The ID of the request.
TotalCount	Integer	10	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserPorts
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserPortsResponse>
  <Records>
    <UpdatedAt>1582630431000</UpdatedAt>
    <Service>http</Service>
    <Port>80</Port>
    <Index>1</Index>
    <Product>Tengine httpd</Product>
    <IP>1.1.1.1</IP>
    <Id>18970</Id>
    <Version></Version>
    <Protocol>tcp</Protocol>
    <Fingerprint></Fingerprint>
  </Records>
  <Records>
    <UpdatedAt>1582561718000</UpdatedAt>
    <Service>http</Service>
    <Port>80</Port>
    <Index>2</Index>
    <Product>Tengine httpd</Product>
    <IP>2.2.2.2</IP>
    <Id>18576</Id>
    <Version></Version>
    <Protocol>tcp</Protocol>
    <Fingerprint></Fingerprint>
  </Records>
  <Records>
    <UpdatedAt>1582544019000</UpdatedAt>
```

```
<Service>http</Service>
<Port>80</Port>
<Index>3</Index>
<Product>Tengine httpd</Product>
<IP>3.3.3.3</IP>
<Id>18369</Id>
<Version></Version>
<Protocol>tcp</Protocol>
<Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>4</Index>
  <Product>unknown http service</Product>
  <IP>4.4.4.4</IP>
  <Id>20348</Id>
  <Version></Version>
  <Protocol>tcp</Protocol>
  <Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>5</Index>
  <Product>Microsoft IIS httpd</Product>
  <IP>5.5.5.5</IP>
  <Id>20346</Id>
  <Version>8.5</Version>
  <Protocol>tcp</Protocol>
  <Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>6</Index>
  <Product>Apache httpd</Product>
  <IP>6.6.6.6</IP>
  <Id>20292</Id>
  <Version>2.2.8</Version>
  <Protocol>tcp</Protocol>
  <Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>7</Index>
  <Product>Tengine httpd</Product>
  <IP>7.7.7.7</IP>
  <Id>20145</Id>
  <Version></Version>
  <Protocol>tcp</Protocol>
  <Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>8</Index>
  <Product>Tengine httpd</Product>
```

```
<IP>8.8.8.8</IP>
<Id>20143</Id>
<Version></Version>
<Protocol>tcp</Protocol>
<Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>9</Index>
  <Product>nginx</Product>
  <IP>9.9.9.9</IP>
  <Id>20142</Id>
  <Version>1.10.2</Version>
  <Protocol>tcp</Protocol>
  <Fingerprint></Fingerprint>
</Records>
<Records>
  <UpdatedAt>1581356439000</UpdatedAt>
  <Service>http</Service>
  <Port>80</Port>
  <Index>10</Index>
  <Product>Tengine httpd</Product>
  <IP>10.10.10.10</IP>
  <Id>20139</Id>
  <Version></Version>
  <Protocol>tcp</Protocol>
  <Fingerprint></Fingerprint>
</Records>
<TotalCount>553</TotalCount>
<PageSize>10</PageSize>
<RequestId>FD9203C8-528D-4072-B00D-1ED688D31D00</RequestId>
<CurrentPage>1</CurrentPage>
</ListUserPortsResponse>
```

### JSON format

```
{
  "Records": [
    {
      "UpdatedAt": 1582630431000,
      "Service": "http",
      "Port": 80,
      "Index": 1,
      "Product": "Tengine httpd",
      "IP": "1.1.1.1",
      "Id": 18970,
      "Version": "",
      "Protocol": "tcp",
      "Fingerprint": ""
    },
    {
      "UpdatedAt": 1582561718000,
      "Service": "http",
      "Port": 80,
      "Index": 2,
      "Product": "Tengine httpd",
      "IP": "2.2.2.2",
      "Id": 18576,
      "Version": "",
      "Protocol": "tcp",
      "Fingerprint": ""
    }
  ]
}
```

```
},
{
  "UpdatedAt": 1582544019000,
  "Service": "http",
  "Port": 80,
  "Index": 3,
  "Product": "Tengine httpd",
  "IP": "3.3.3.3",
  "Id": 18369,
  "Version": "",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
  "Port": 80,
  "Index": 4,
  "Product": "unknown http service",
  "IP": "4.4.4.4",
  "Id": 20348,
  "Version": "",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
  "Port": 80,
  "Index": 5,
  "Product": "Microsoft IIS httpd",
  "IP": "5.5.5.5",
  "Id": 20346,
  "Version": "8.5",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
  "Port": 80,
  "Index": 6,
  "Product": "Apache httpd",
  "IP": "6.6.6.6",
  "Id": 20292,
  "Version": "2.2.8",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
  "Port": 80,
  "Index": 7,
  "Product": "Tengine httpd",
  "IP": "7.7.7.7",
  "Id": 20145,
  "Version": "",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
```

```
"Port": 80,
  "Index": 8,
  "Product": "Tengine httpd",
  "IP": "8.8.8.8",
  "Id": 20143,
  "Version": "",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
  "Port": 80,
  "Index": 9,
  "Product": "nginx",
  "IP": "9.9.9.9",
  "Id": 20142,
  "Version": "1.10.2",
  "Protocol": "tcp",
  "Fingerprint": ""
},
{
  "UpdatedAt": 1581356439000,
  "Service": "http",
  "Port": 80,
  "Index": 10,
  "Product": "Tengine httpd",
  "IP": "10.10.10.10",
  "Id": 20139,
  "Version": "",
  "Protocol": "tcp",
  "Fingerprint": ""
}
],
"TotalCount": 553,
"PageSize": 10,
"RequestId": "FD9203C8-528D-4072-B00D-1ED688D31D00",
"CurrentPage": 1
}
```

### Error codes

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

## 7.27 ListUserSubdomains

Queries the subdomains of users.

### 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
<b>Action</b>	String	Yes	ListUserSubdomains	The operation that you want to perform. Set the value to <b>ListUserSubdomains</b> .
<b>Search</b>	String	No	baidu.com	Specifies the subdomain you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The list of records.
Domain	String	baidu.com	The domain.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number of the record.
Subdomain	String	foo.baidu.com	The subdomain.
UpdatedAt	Long	1582166968000	The update time.

Parameter	Type	Example	Description
RequestId	String	665EEE60-E78C-4F3A-A231-8D1C379AB512	The ID of the request.
TotalCount	Integer	34013	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserSubdomains
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserSubdomainsResponse>
  <TotalCount>0</TotalCount>
  <RequestId>5A71FF12-FC30-496F-A79F-6FE08C598CC7</RequestId>
  <PageSize>10</PageSize>
  <CurrentPage>1</CurrentPage>
</ListUserSubdomainsResponse>
```

#### JSON format

```
{
  "TotalCount": 0,
  "RequestId": "5A71FF12-FC30-496F-A79F-6FE08C598CC7",
  "PageSize": 10,
  "CurrentPage": 1,
  "Records": []
}
```

## Error codes

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

## 7.28 ListUserWebPaths

Queries the web file paths of users.

### 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
<b>Action</b>	String	Yes	ListUserWebPaths	The operation that you want to perform. Set the value to <b>ListUserWebPaths</b> .
<b>Search</b>	String	No	baidu.com	Specifies the web file path you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

## Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.
PageSize	Integer	10	The number of entries returned per page.
Records	Array		The list of records.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
Path	String	/zh-Hans/faq/	The path information.
Site	String	https://1.1.1.1	The site information.

Parameter	Type	Example	Description
UpdatedAt	Long	1581438561000	The update time.
RequestId	String	F54F0536-5501-426E-BEB2-890397E5EE3C	The ID of the request.
TotalCount	Integer	206	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserWebPaths
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ListUserWebPathsResponse>
  <TotalCount>0</TotalCount>
  <RequestId>FDE01380-176F-4217-B010-0A3EF6D48D8D</RequestId>
  <PageSize>10</PageSize>
  <CurrentPage>1</CurrentPage>
</ListUserWebPathsResponse>
```

#### JSON format

```
{
  "TotalCount": 0,
  "RequestId": "FDE01380-176F-4217-B010-0A3EF6D48D8D",
  "PageSize": 10,
  "CurrentPage": 1,
  "Records": []
}
```

## Error codes

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

## 7.29 ListUserWebTechs

Queries the web applications of users.

### 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
<b>Action</b>	String	Yes	ListUserWebTechs	The operation that you want to perform. Set the value to <b>ListUserWebTechs</b> .
<b>Search</b>	String	No	baidu.com	Specifies the web application you want to query.
<b>CurrentPage</b>	Integer	No	1	The number of the page to return. Default value: 1.
<b>PageSize</b>	Integer	No	10	The number of entries to return on each page. Default value: 10. Maximum value: 10.

### Response parameters

Parameter	Type	Example	Description
CurrentPage	Integer	1	The number of the returned page. Default value: 1.

Parameter	Type	Example	Description
PageSize	Integer	10	The number of entries returned per page. Default value: 10. Maximum value: 10.
Records	Array		The list of records.
Id	Integer	1	The ID of the record.
Index	Integer	1	The index number.
Name	String	Font Awesome	The name of the web application.
PoweredBy	String	PHP	The programming language of the application.
Server	String	beegoServer:1.10 .1	The web server.
Title	String	nps admin login	The title of the application site.
URL	String	http://192.168.1.1 :8081/login/index	The URL of the site.
UpdatedAt	Long	1581348094000	The update time.
Version	String	1.1	The version number.
RequestId	String	4F2D6C61-24E2 -4EB7-80F9- 69CEA6B283BB	The ID of the request.
TotalCount	Integer	237	The total number of returned entries.

## Examples

### Sample requests

```
http(s)://[Endpoint]/?Action=ListUserWebTechs
&<Common request parameters>
```

### Sample success responses

### XML format

```
<ListUserWebTechsResponse>
  <TotalCount>0</TotalCount>
  <RequestId>9E4D51AB-A22D-4D76-83D9-D3F9AC39D5C0</RequestId>
  <PageSize>10</PageSize>
  <CurrentPage>1</CurrentPage>
</ListUserWebTechsResponse>
```

### JSON format

```
{
  "TotalCount": 0,
  "RequestId": "9E4D51AB-A22D-4D76-83D9-D3F9AC39D5C0",
  "PageSize": 10,
  "CurrentPage": 1,
  "Records": []
}
```

### Error codes

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

## 7.30 ModifyOrganization

Modifies the information about the organizations of users.

### 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
<b>Action</b>	String	Yes	ModifyOrganization	The operation that you want to perform. Set the value to <b>ModifyOrganization</b> .
<b>Name</b>	String	No	Alibaba Cloud Computing Co., Ltd.	The name of the organization.

Parameter	Type	Required	Example	Description
<b>Description</b>	String	No	Alibaba Cloud Computing Co., Ltd. is a well-known Chinese cloud computing company	The description of the organization.
<b>OrgId</b>	Integer	No	1	The ID of the organization.

### Response parameters

Parameter	Type	Example	Description
RequestId	String	1814D014-ED65-47BC-B48A-6CD8CAC788BE	The ID of the request.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/?Action=ModifyOrganization
&<Common request parameters>
```

#### Sample success responses

##### XML format

```
<ModifyOrganizationResponse>
  <code></code>
  <message></message>
  <success>true</success>
  <requestId></requestId>
  <data></data>
</ModifyOrganizationResponse>
```

##### JSON format

```
{
  "code": "",
  "message": "",
  "success": true,
  "requestId": "",
  "data": {}
}
```

### Error codes

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



## 7.31 TagAssetsBySearch

Adds tags to assets.

### 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
<b>Action</b>	String	Yes	TagAssetsBySearch	The operation that you want to perform. Set the value to <b>TagAssetsBySearch</b> .
<b>AssetType</b>	String	Yes	IP	The type of the asset on the attack surface. Valid values: <ul style="list-style-type: none"> <li>• <b>Domains</b>: domains</li> <li>• <b>Subdomains</b>: subdomains</li> <li>• <b>Ports</b>: ports</li> <li>• <b>Hosts</b>: hosts</li> <li>• <b>DNSMap</b>: DNS records</li> <li>• <b>WebPaths</b>: web file paths</li> <li>• <b>WebTechs</b>: web applications</li> </ul>
<b>Source</b>	String	Yes	Domains	The data source of the attack surface. Valid values: <ul style="list-style-type: none"> <li>• <b>Domains</b>: domains</li> <li>• <b>Subdomains</b>: subdomains</li> <li>• <b>Ports</b>: ports</li> <li>• <b>Hosts</b>: hosts</li> <li>• <b>DNSMap</b>: DNS records</li> <li>• <b>WebPaths</b>: web file paths</li> <li>• <b>WebTechs</b>: web applications</li> </ul>
<b>Tags.N</b>	RepeatList	Yes	foobar	The name of tag N.

Parameter	Type	Required	Example	Description
Search	String	No	foobar	Specifies the asset type you want to query.

### Response parameters

Parameter	Type	Example	Description
RequestId	String	9D67D400-2EC8-4353-BAB9-683891DD5323	The ID of the request.

### Examples

#### Sample requests

```
http(s)://[Endpoint]/?Action=TagAssetsBySearch
&AssetType=IP
&Source=Domains
&Tags.1=foobar
&<Common request parameters>
```

#### Sample success responses

##### XML format

```
<TagAssetsBySearchResponse>
  <AssetType>Domain</AssetType>
  <Tags>Top</Tags>
  <Source>DNSMap</Source>
  <Search>s0x</Search>
</TagAssetsBySearchResponse>
```

##### JSON format

```
{
  "AssetType": "Domain",
  "Tags": [
    "Top"
  ],
  "Source": "DNSMap",
  "Search": "s0x"
}
```

### Error codes

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