



Qualys Cloud Suite API Release Notes

Version 2.31

Qualys Cloud Suite API gives you many ways to integrate your programs and API calls with Qualys capabilities. You'll find all the details in our user guides, available at the time of release. Just log in to your Qualys account and go to Help > Resources.

What's New

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URL to the Qualys API Server

Qualys maintains multiple Qualys platforms. The Qualys API server URL that you should use for API requests depends on the platform where your account is located.

Account Location	API Server URL
Qualys US Platform 1	https://qualysapi.qualys.com
Qualys US Platform 2	https://qualysapi.qg2.apps.qualys.com
Qualys US Platform 3	https://qualysapi.qg3.apps.qualys.com
Qualys EU Platform 1	https://qualysapi.qualys.eu
Qualys EU Platform 2	https://qualysapi.qg2.apps.qualys.eu
Qualys India Platform 1	https://qualysapi.qg1.apps.qualys.in
Qualys Private Cloud Platform	<a href="https://qualysapi.<customer_base_url>">https://qualysapi.<customer_base_url>

The Qualys API documentation and sample code use the API server URL for the Qualys US Platform 1. If your account is located on another platform, please replace this URL with the appropriate server URL for your account.

New way to track API usage

API affected	All APIs
New or Updated API	Updated
DTD or XSD changes	No

You can now track API usage by a user without the need to provide user credentials such as the username and password. API usage can be tracked using the X-Powered-By HTTP header which includes a unique ID generated for each subscription and a unique ID generated for each user. Once enabled, the X-Powered-By HTTP header is returned for each API request made by a user.

The information is returned in the following format:

```
X-Powered-By: Qualys:<POD_ID>:<SUB_UUID>:<USER_UUID>
```

Where,

POD_ID is the shared POD or a PCP. Shared POD is USPOD1, USPOD2, etc.

SUB_UUID is the unique ID generated for the subscription

USER_UUID is the unique ID generated for the user

For example,

```
X-Powered-By: Qualys:QAPOD4SJC:f972e2cc-69d6-7ebd-80e6-7b9a931475d8:06198167-43f3-7591-802a-1c400a0e81b1
```

You can use the USER_UUID to track API usage per user.

Contact Qualys Support to get the X-Powered-By HTTP header enabled.

Sample output:

```
...
229HTTP/1.1 200 OK
X-Powered-By: Qualys:QAPOD4SJC:f972e2cc-69d6-7ebd-80e6-7b9a931475d8:06198167-43f3-7591-802a-1c400a0e81b1
Content-Type: application/xml
Transfer-Encoding: chunked
Date: Mon, 04 Dec 2017 05:36:29 GMT
Server: Apache
LBDEBUG: NS=10.44.1.12,SERVER=10.44.77.81:50205,CSW=cs-p04-qualysapi-443,VSERVER=vs-p04-papi-80,ACTIVE-SERVICES=2,HEALTH=100
...
```

The X-Powered-By HTTP header will be returned for both valid and invalid requests. However, it will not be returned if an invalid URL is hit or when user authentication fails.

CA - Activate / Deactivate FIM and IOC modules for an agent

API affected	/qps/rest/2.0/activate/am/asset/ /qps/rest/2.0/deactivate/am/asset/
New or Updated API	Updated
DTD or XSD changes	No

You can now activate or deactivate FIM and IOC modules for an agent through a single API request.

If you want to activate a single module, for example FIM or IOC, specify the module name for the modules parameter.

```
modules=AGENT_FIM
```

```
modules=AGENT_IOC
```

To activate both FIM and IOC, specify multiple modules (comma separated) for the modules parameter.

```
modules=AGENT_FIM,AGENT_IOC
```

While activating multiple modules, you can activate FIM and IOC along with VM or PC as well.

Ensure that the module you wish to activate is enabled in the user's subscription.

Activate FIM and IOC

API request:

```
curl -u fo_username:password -X POST -H "Content-Type: text/xml" -H "X-
Requested-With: curl" --data-binary @multiple_activation.xml
"http://qualysapi.qualys.com/qps/rest/2.0/activate/am/asset/2872638?modul
e=AGENT_FIM,AGENT_IOC"
```

Request POST data:

Contents of multiple_activation.xml

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest />
```

XML output:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/2.0/a
```

```
m/asset.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <Asset>
      <id>893284</id>
      <name>10.113.15.32</name>
      <created>2017-12-06T14:00:56Z</created>
      <modified>2017-12-07T04:58:05Z</modified>
      <type>HOST</type>
      <tags>
        <list>
          <TagSimple>
            <id>7842014</id>
            <name>Cloud Agent</name>
          </TagSimple>
        </list>
      </tags>
      <sourceInfo>
        <list>
          <AssetSource/>
        </list>
      </sourceInfo>
    </Asset>
  </data>
</ServiceResponse>
```

DTD update:

None

Deactivate FIM and IOC

API request:

```
curl -u fo_username:password -X POST -H "Content-Type: text/xml" --data-
binary @multiple_deactivation.xml
"http://qualysapi.qualys.com/qps/rest/2.0/deactivate/am/asset/5214017?mod
ule=AGENT_FIM,AGENT_IOC"
```

Request POST data:

Contents of multiple_deactivation.xml

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest />
```

XML output:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
```

CA - Activate / Deactivate FIM and IOC modules for an agent

```
xsi:noNamespaceSchemaLocation="https://qualysapi.p01.eng.sjc01.qualys.com
/qps/xsd/2.0/am/asset.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <Asset>
      <id>893284</id>
      <name>10.113.15.32</name>
      <created>2017-12-06T14:00:56Z</created>
      <modified>2017-12-07T04:58:05Z</modified>
      <type>HOST</type>
      <tags>
        <list>
          <TagSimple>
            <id>7842014</id>
            <name>Cloud Agent</name>
          </TagSimple>
        </list>
      </tags>
      <sourceInfo>
        <list>
          <AssetSource/>
        </list>
      </sourceInfo>
    </Asset>
  </data>
</ServiceResponse>
```

DTD update:

None

AWS Asset Data Connector API - Support for China Region

API affected	/qps/rest/2.0/create/awsassetdataconnector /qps/rest/2.0/update/awsassetdataconnector
New or Updated API	Updated
DTD or XSD changes	No

Now you can easily scan EC2 instances included in the AWS China region for vulnerabilities and policy compliance using the Qualys Cloud Platform. You can create/update EC2 connectors to pull instance info from the China region, activate discovered instances for the VM, PC or SCA module, and scan them using our EC2 scan workflow.

New parameter "isChinaConfigured"

isChinaConfigured (boolean) is used to enable the China region for an EC2 connector using the AWS Asset Data Connector API (awsassetdataconnector). This parameter can be set for a "create" or "update" request, and is valid only when AWS China option is enabled for your subscription.

When isChinaConfigured is set to "true"

- The connector is configured to pull instance info from the China region only.
- The connector can't be configured with allRegions set to "true".

Example

API request:

```
curl -u "USERNAME:PASSWORD" -H "Content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/2.0/create/awsassetdataconn
ector" < file.xml
```

Note: "file.xml" contains the request POST data

Request POST data (file.xml):

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest>
  <data>
    <AwsAssetDataConnector>
      <name>cn-north-1-conn1</name>
      <authRecord>
        <id>132601</id>
      </authRecord>
    </AwsAssetDataConnector>
  </data>
</ServiceRequest>
```

```

    <endpoints>
      <add>
        <AwsEndpointSimple>
          <regionCode>cn-north-1</regionCode>
        </AwsEndpointSimple>
      </add>
    </endpoints>
    <isChinaConfigured>true</isChinaConfigured>
    <disabled>>false</disabled>
  </AwsAssetDataConnector>
</data>
</ServiceRequest>

```

XML output:

```

<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/2.0/a
m/aws_asset_data_connector.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <AwsAssetDataConnector>
      <id>136605</id>
      <name>cn-north-1-conn1</name>
      <connectorState>QUEUED</connectorState>
      <type>AWS</type>
      <defaultTags>
        <list/>
      </defaultTags>
      <activation>
        <list/>
      </activation>
      <disabled>>false</disabled>
      <isGovCloudConfigured>>false</isGovCloudConfigured>
      <isChinaConfigured>true</isChinaConfigured>
      <authRecord>
        <id>132601</id>
        <name>china-auth</name>
      </authRecord>
      <endpoints>
        <list>
          <AwsEndpointSimple>
            <regionCode>cn-north-1</regionCode>
          </AwsEndpointSimple>
        </list>
      </endpoints>
      <allRegions>>false</allRegions>
    </AwsAssetDataConnector>

```

```
</data>  
</ServiceResponse>
```

XSD update: None