



Qualys Cloud Platform v3.x

API Release Notes

Version 3.1.0

June 5, 2020

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

[AM API: Fetch GCP Instances Details](#)

URL to the Qualys API Server

The Qualys API URL you should use for API requests depends on the Qualys platform where your account is located.

[Click here to identify your Qualys platform and get the API URL](#)

This documentation uses the API gateway URL for Qualys US Platform 1 (<https://gateway.qg1.apps.qualys.com>) in sample API requests. If you're on another platform, please replace this URL with the appropriate gateway URL for your account.

AM API: Fetch GCP Instances Details

API affected	/qps/rest/2.0/get/am/hostasset/<id> /qps/rest/2.0/search/am/hostasset /qps/rest/2.0/get/am/asset/<id>
New or Updated APIs	Updated API
DTD or XSD changes	No

We now support assets of type instances for Google Cloud Platform (GCP) cloud provider. You can now fetch details or search for assets in GCP cloud using the unique identifier of such instances which is the GCP instance Id. You need to specify the GCP Instance Id in the request using the tracking method parameter and fetch the asset details. You could also search for GCP instances using the GCP instance Id.

Permissions

- Managers with full scope.
- Other users must have requested asset in their scope and these permissions: Access Permission “API Access” and Asset Management Permission “Read Asset”

Input Parameters

Parameter	Description
trackingMethod	AssetTrackingMethod: NONE, IP, DNSNAME, NETBIOS, INSTANCE_ID, QAGENT, GCP_INSTANCE_ID (only for GCP Instances)

Sample - Search for GCP instances

API request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST" --data-binary @-  
"https://qualysapi.qualys.com/qps/rest/2.0/search/am/hostasset/?fields=id,  
,trackingMethod" < file.xml
```

Note: “file.xml” contains the request POST data.

Request POST Data (file.xml):

```
<ServiceRequest>  
  <filters>  
    <Criteria field="os" operator="EQUALS">Windows</Criteria>  
    <Criteria field="trackingMethod"  
operator="EQUALS">GCP_INSTANCE_ID</Criteria>
```

```
</filters>  
</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/  
am/hostasset.xsd">  
<responseCode>SUCCESS</responseCode>  
<count>1</count>  
<data>  
<hasMoreRecords>true</hasMoreRecords>  
<lastId>4813824</lastId>  
<data>  
<HostAsset>  
<id>4813824</id>  
<trackingMethod>GCP_INSTANCE_ID</trackingMethod>  
</HostAsset>  
</data>  
</ServiceResponse>
```

Sample - Get Host Asset Details

API request:

```
curl -n -u "USERNAME:PASSWORD"  
"https://qualysapi.qualys.com/qps/rest/2.0/get/am/hostasset/4813824" <
```

XML output:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com//qps/xsd/2.0/a  
m/hostasset.xsd">  
<responseCode>SUCCESS</responseCode>  
<count>1</count>  
<data>  
<HostAsset>  
<id>4813824</id>  
<name>hk-win-test</name>  
<created>2020-05-13T07:05:46Z</created>  
<modified>2020-05-19T07:32:03Z</modified>  
<type>HOST</type>  
<tags>  
<list>  
<TagSimple>  
<id>9911830</id>  
<name>GCE-Assets-CV</name>  
</TagSimple>  
</list>  
</HostAsset>  
</data>  
</ServiceResponse>
```

```
    </list>
  </tags>
  <sourceInfo>
    <list>
      <AssetSource/>
      <GcpAssetSourceSimple>
        <assetId>4813824</assetId>
        <type>GCP</type>
        <firstDiscovered>2020-05-13T07:05:46Z</firstDiscovered>
        <lastUpdated>2020-05-13T07:05:46Z</lastUpdated>
        <gcpInstanceTags>
          <tags>
            <list>
              <GcpTags>
                <key>owner</key>
                <value>john_doe</value>
              </GcpTags>
              <GcpTags>
                <key>team</key>
                <value>controls</value>
              </GcpTags>
              <GcpTags>
                <key>department</key>
                <value>banking</value>
              </GcpTags>
            </list>
          </tags>
        </gcpInstanceTags>
        <instanceId>2413731662135968887</instanceId>
        <hostname>test-host</hostname>
        <machineType>n1-standard-1</machineType>
        <zone>us-central1-a</zone>
        <projectIdNo>my-project-111111111111</projectIdNo>
        <state>RUNNING</state>
        <projectId>my-project-111111111111</projectId>
        <publicIpAddress>35.234.37.120</publicIpAddress>
        <privateIpAddress>10.128.0.57</privateIpAddress>
      </GcpAssetSourceSimple>
    </list>
  </sourceInfo>
  <dnsHostName>test_win</dnsHostName>
  <address>35.234.38.120</address>
  <trackingMethod>GCP_INSTANCE_ID</trackingMethod>
  <model>n1-standard-1</model>
  <networkInterface>
    <list>
      <HostAssetInterface>
        ...
      </HostAsset>
```

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

Sample - Get details of asset (GCP Instances)

API request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST" --data-binary @-  
"https://qualysapi.qualys.com/qps/rest/2.0/get/am/asset/<assetId>"
```

XML output:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd/3.0/wa  
s/webapp.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <Asset>  
      <id>4813824</id>  
      <name>hk-win-test</name>  
      <created>2020-05-13T07:05:46Z</created>  
      <modified>2020-05-25T11:59:03Z</modified>  
      <type>HOST</type>  
      <sourceInfo>  
        <list>  
          <AssetSource/>  
          <GcpAssetSourceSimple>  
            <assetId>4813824</assetId>  
            <type>GCP</type>  
            <firstDiscovered>2020-05-13T07:05:46Z</firstDiscovered>  
            <lastUpdated>2020-05-13T07:05:46Z</lastUpdated>  
            <instanceId>2413731662135968887</instanceId>  
            <hostname>hk-win-test</hostname>  
            <machineType>n1-standard-1</machineType>  
            <zone>us-central1-a</zone>  
            <projectIdNo>my-project-111111111111</projectIdNo>  
            <state>RUNNING</state>  
            <projectId>my-project-111111111111</projectId>  
            <publicIpAddress>35.232.37.120</publicIpAddress>  
            <privateIpAddress>10.128.0.57</privateIpAddress>  
          </GcpAssetSourceSimple>  
        </list>  
      </sourceInfo>  
    </Asset>  
  </data>  
</ServiceResponse>
```