



# Qualys Cloud Suite API Release Notes

## Version 2.27

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

### What's New

[CA - Fetch additional asset information](#)

[CA - Filter asset search results](#)

**Tell me about the base URL** Our documentation and sample code use the API server URL for US Platform 1. Do you have another base URL? If yes please use it instead.

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

## CA - Fetch additional asset information

The get agent asset information API `/qps/rest/2.0/get/am/hostasset/` now fetches additional information about the host asset.

The additional information includes:

- lastLoggedOnUser
- domain
- FQDN
- AgentInfo
  - agentVersion
  - agentId
  - status
  - lastCheckedIn
  - connectedFrom
  - location
  - locationGeoLatitude
  - locationGeoLongitude
  - chirpStatus
  - platform
  - activatedModule
  - manifestVersion
  - AgentConfiguration
    - id
    - name
  - ActivationKey
    - activationId
    - title
  - lastSystemBoot

API request:

```
curl -u "USERNAME:PASSWORD" -X "GET" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/2.0/get/am/hostasset/2872638
```

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/portal-
api/xsd/2.0/am/hostasset.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>false</hasMoreRecords>
  <data>
    <HostAsset>
      <id>5214017</id>
      <name>113080-T450</name>
      <created>2017-04-12T07:23:41Z</created>
      <modified>2017-04-18T11:39:50Z</modified>
      <type>HOST</type>
      <tags>
        <list>
          <TagSimple>
            <id>7584632</id>
            <name>Cloud Agent</name>
          </TagSimple>
        </list>
      </tags>
      <sourceInfo>
        <list>
          <AssetSource/>
        </list>
      </sourceInfo>
      <qwebHostId>140995</qwebHostId>
      <lastComplianceScan>2017-04-18T11:00:57Z</lastComplianceScan>
      <lastVulnScan>2017-04-18T11:00:57Z</lastVulnScan>
      <lastSystemBoot>2017-04-17T15:16:15Z</lastSystemBoot>
      <lastLoggedOnUser>CORP\rkumar</lastLoggedOnUser>
      <domain>corp.qualys.com</domain>
      <fqdn>113080-T450.corp.qualys.com</fqdn>
      <os>Microsoft Windows 10 Enterprise 10.0.10586 N/A Build
        10586</os>
      <dnsHostName>113080-T450</dnsHostName>
      <agentInfo>
        <agentVersion>1.5.6.45</agentVersion>
        <agentId>33889e67-d898-4f74-9f19-27ae2265aedc</agentId>
        <status>STATUS_ACTIVE</status>
        <lastCheckedIn>2017-04-18T11:39:29Z</lastCheckedIn>
```

```

        <connectedFrom>999.999.999.999</connectedFrom>
    <location>Redwood City, California United States</location>
    <locationGeoLatitude>37.536540</locationGeoLatitude>
    <locationGeoLongitude>-122.25838</locationGeoLongitude>
    <chirpStatus>Inventory Scan Complete</chirpStatus>
    <platform>Windows</platform>
    <activatedModule>AGENT_VM,AGENT_PC</activatedModule>
    <manifestVersion>VULNSIGS-VMPC-2.4.18-3</manifestVersion>
    <agentConfiguration>
        <id>197208</id>
        <name>for list</name>
    </agentConfiguration>
    <activationKey>
        <activationId>1b37b569-9bf6-444f-9330-
            94535696f272</activationId>
        <title>my</title>
    </activationKey>
</agentInfo>
<netbiosName>113080-T450</netbiosName>
<networkGuid>6b48277c-0742-61c1-82bb-
    cac0f9c4094a</networkGuid>
<address>10.0.203.10</address>
<trackingMethod>QAGENT</trackingMethod>
<manufacturer>LENOVO</manufacturer>
<model>20BUA04EIG</model>
<totalMemory>11984</totalMemory>
<timezone>+05:30</timezone>
<biosDescription>LENOVO JBET54WW (1.19 ),
    11/6/2015</biosDescription>
    ...
</HostAsset>
</data>
</ServiceResponse>

```

# CA - Filter asset search results

You can now filter the asset search results that you get with the API `qps/rest/2.0/search/am/hostasset/`.

The following optional parameters are introduced to filter the search results.

| Parameter                      | Description                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| agentVersion={value}           | (String) Filter search results based on the agent version.                                                                                                                        |
| activationKey={value}          | (String) Specify an agent activation key.                                                                                                                                         |
| agentConfigurationId={value}   | (Long) Specify an agent configuration ID.                                                                                                                                         |
| agentConfigurationName={value} | (String) Specify an agent configuration name.                                                                                                                                     |
| lastCheckedIn={value}          | (Date) Specify the date on which an agent would have last checked in. Valid date format is: YYYY-MM-DD[THH:MM:SSZ] format (UTC/GMT), like "2017-02-15" or "2017-02-15T23:15:00Z". |

Allowed operators:

|                                 |                         |
|---------------------------------|-------------------------|
| agentVersion (String)           | EQUALS, LESSER, GREATER |
| activationKey (String)          | EQUALS                  |
| agentConfigurationId (Long)     | EQUALS                  |
| agentConfigurationName (String) | EQUALS, CONTAINS        |
| lastCheckedIn (Date)            | EQUALS, LESSER, GREATER |

API Request:

Find cloud agents with a specific agent version.

```
curl -u fo_username:password -X POST -H "X-Requested-With: curl" -H "Content-Type: text/xml" -H "Cache-Control: no-cache" --data-binary @host_asset_search.xml "http://qualysapi.qualys.com/qps/rest/2.0/search/am/hostasset/"
```

Request POST data (host\_asset\_search.xml):

Contents of host\_asset\_search.xml

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

```

    <filters>
      <Criteria field="agentVersion"
        operator="EQUALS">1.4.5.168</Criteria>
      <Criteria field="tagName" operator="EQUALS">Cloud Agent</Criteria>
    </filters>
  </ServiceRequest>

```

Similarly, you can provide other parameters in the following manner:

```

<ServiceRequest>
  <filters>
    <Criteria field="activationKey" operator="EQUALS">4ede97ec-7324-
      47b8-aade-845f3c71a991</Criteria>
    <Criteria field="agentConfigurationId"
      operator="EQUALS">12345</Criteria>
    <Criteria field="agentConfigurationName"
      operator="EQUALS">agent_config</Criteria>
    <Criteria field="lastCheckedIn" operator="EQUALS">2017-09-
      19</Criteria>
  </filters>
</ServiceRequest>

```

#### Response:

```

<?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/am/hostasset.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>6</count>
  <hasMoreRecords>false</hasMoreRecords>
  <data>
    <HostAsset>
      <id>3043442</id>
      <name>102115-M83</name>
      <created>2016-11-04T11:43:40Z</created>
      <modified>2016-11-08T22:35:53Z</modified>
      <type>HOST</type>
      <tags>
        <list>
          <TagSimple>
            <id>8832525</id>
            <name>Cloud Agent</name>
          </TagSimple>
        </list>
      </tags>
    </HostAsset>
  </data>
</ServiceResponse>

```

```

</tags>
<sourceInfo>
  <list>
    <AssetSource/>
  </list>
</sourceInfo>
<qwebHostId>12688456922</qwebHostId>
<dnsHostName>102115-M83</dnsHostName>
<agentInfo>
  <agentVersion>1.4.5.168</agentVersion>
  <agentId>2e689bb2-53ab-4a58-be0a-a7576964f310</agentId>
  <status>STATUS_INACTIVE</status>
  <lastCheckedIn>2016-10-21T19:03:30Z</lastCheckedIn>
  <connectedFrom>10.100.11.163</connectedFrom>
  <chirpStatus>Manifest Downloaded</chirpStatus>
  <platform>Windows</platform>
  <agentConfiguration>
    <id>8099</id>
    <name>Initial Profile - SSN3</name>
  </agentConfiguration>
  <activationKey>
    <activationId>3ae32b8d-a8cf-4c0e-a477-86fad2dda4f4</activationId>
    <title>harshal</title>
  </activationKey>
</agentInfo>
<netbiosName>102115-M83</netbiosName>
<address>10.100.11.163</address>
<trackingMethod>QAGENT</trackingMethod>
<openPort>
  <list/>
</openPort>
<software>
  <list/>
</software>
<vuln>
  <list/>
</vuln>
<processor>
  <list/>

```

```
        </processor>
        <volume>
            <list/>
        </volume>
        <account>
            <list/>
        </account>
        <networkInterface>
            <list/>
        </networkInterface>
    </HostAsset>
</data>
</ServiceResponse>
```