



Qualys Cloud Platform v2.x

API Release Notes

Version 2.36

January 9, 2019

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

[Host Asset API: Search using EC2 attributes](#)

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	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.

Host Asset API: Search using EC2 attributes

API affected	/qps/rest/2.0/search/am/hostasset
New or Updated APIs	Updated
DTD or XSD changes	No

The Asset Management and Tagging API has been updated to allow searching host assets using EC2 attributes.

Input Parameters

New input parameters for EC2 attributes are described below.

Parameter	Description
region={value}	Specify the region code for the AWS region. For example, ap-northeast-1, us-east-2, eu-west-3, etc.
vpcId={value}	The ID of your Amazon VPC.
imageId={value}	ID of the Amazon Machine Image (AMI).
instanceId={value}	EC2 Instance ID.
accountId={value}	Amazon account ID.
instanceState={value}	EC2 Instance state. For example, PENDING, RUNNING, TERMINATED, STOPPED, etc.
subnetId={value}	ID of the subnet where your instance is located (when Amazon VPC is used).
privateDnsName={value}	The private DNS name of the instance.
awsTagKey={value}	EC2 instance tags. For example, Owner, Department, Email, Lifecycle, Name, etc.
awsTagValue={value}	Values for the AWS Tag keys.

Note: Apart from instanceState, awsTagKey, and awsTagValue, all other parameters are case sensitive.

All parameters support text input with EQUALS operator. Additionally, the instanceState parameter supports EQUALS, NOT EQUALS. The awsTagKey and awsTagValue parameters support EQUALS, CONTAINS.

Sample - Searching EC2 assets in your account

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" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <filters>
    <Criteria field="region" operator="EQUALS">ap-northeast-1</Criteria>
    <Criteria field="vpcId" operator="EQUALS">vpc-98a11ffd</Criteria>
    <Criteria field="accountId" operator="EQUALS">205767712438</Criteria>
    <Criteria field="privateDnsName" operator="EQUALS">ip-172-30-1-133.ap-
      northeast-1.compute.internal</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/a
  m/hostasset.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <HostAsset>
      <id>1553126</id>
      <name>ip-172-30-1-133</name>
      <created>2018-12-03T09:10:18Z</created>
      <modified>2018-12-08T10:14:40Z</modified>
      <type>HOST</type>
      <tags>
        <list>
          <TagSimple>
            <id>7977614</id>
            <name>Cloud Agent</name>
          </TagSimple>
        </list>
      </tags>
      <sourceInfo>
        <list>
```

```
<AssetSource/>
<Ec2AssetSourceSimple>
  <assetId>1553126</assetId>
  <type>EC_2</type>
  <firstDiscovered>2018-12-
    03T09:10:18Z</firstDiscovered>
  <lastUpdated>2018-12-03T09:10:18Z</lastUpdated>
  <reservationId>r-08a2a6ee33b3acd9f</reservationId>
  <availabilityZone>ap-northeast-
    1b</availabilityZone>
  <privateDnsName>ip-172-30-1-133.ap-northeast-
    1.compute.internal</privateDnsName>
  <localHostname>ip-172-30-1-133.ap-northeast-
    1.compute.internal</localHostname>
  <instanceId>i-07081d0a8ab051d80</instanceId>
  <instanceType>t2.micro</instanceType>
  <instanceState>RUNNING</instanceState>
  <groupId>sg-9a08a0e3</groupId>
  <groupName>launch-wizard-12</groupName>
  <accountId>205767712438</accountId>
  <subnetId>subnet-5c198e2b</subnetId>
  <vpcId>vpc-98a11ffd</vpcId>
  <region>ap-northeast-1</region>
  <zone>VPC</zone>
  <imageId>ami-92df37ed</imageId>
  <publicIpAddress>13.113.179.242</publicIpAddress>
  <privateIpAddress>172.30.1.133</privateIpAddress>
  <macAddress>06:c2:ed:39:19:98</macAddress>
</Ec2AssetSourceSimple>
</list>
</sourceInfo>
<qwebHostId>294355</qwebHostId>
<lastComplianceScan>2018-12-08T01:45:34Z</lastComplianceScan>
<lastVulnScan>2018-12-08T07:14:58Z</lastVulnScan>
<lastSystemBoot>2018-05-25T06:06:35Z</lastSystemBoot>
<lastLoggedOnUser>ec2-user</lastLoggedOnUser>
<os>Amazon Linux 2018.03</os>
<dnsHostName>ip-172-30-1-133</dnsHostName>
<agentInfo>
  <agentVersion>2.3.0.20</agentVersion>
  <agentId>f6e1a6be-a99a-4d79-a5b1-f339aeaf8095</agentId>
  <status>STATUS_INACTIVE</status>
  <lastCheckedIn>2018-12-08T07:15:20Z</lastCheckedIn>
  <connectedFrom>13.113.179.242</connectedFrom>
  <location>Tokyo,Tokyo Japan</location>
  <locationGeoLatitude>35.685</locationGeoLatitude>
  <locationGeoLongitude>139.7514</locationGeoLongitude>
  <chirpStatus>Inventory Scan Complete</chirpStatus>
  <platform>Linux</platform>
```

```
<activatedModule>AGENT_VM,AGENT_PC,FIM</activatedModule>
<manifestVersion>
  <vm>VULNSIGS-VM-0.19.0.0-34</vm>
  <pc>VULNSIGS-PC-0.19.0.0-34</pc>
</manifestVersion>
<agentConfiguration>
  <id>166800</id>
  <name>27-March</name>
</agentConfiguration>
<activationKey>
  <activationId>8d988825-5685-4dcf-8d14-
    0fde25eab037</activationId>
  <title>september-2018</title>
</activationKey>
</agentInfo>
<networkGuid>6b48277c-0742-61c1-82bb-
  cac0f9c4094a</networkGuid>
<address>13.113.179.242</address>
<trackingMethod>QAGENT</trackingMethod>
<totalMemory>987</totalMemory>
<timezone>UTC</timezone>
<openPort>
  <list>
    <HostAssetOpenPort>
      <port>57091</port>
      <protocol>UDP</protocol>
    </HostAssetOpenPort>
    ...
  </list>
</openPort>
<software>
  <list>
    <HostAssetSoftware>
      <name>acl</name>
      <version>2.2.49-6.11.amzn1</version>
    </HostAssetSoftware>
    ...
  </list>
</software>
<vuln>
  <list>
    <HostAssetVuln>
      <qid>38582</qid>
      <hostInstanceVulnId>88353071</hostInstanceVulnId>
      <firstFound>2018-12-03T22:07:32Z</firstFound>
      <lastFound>2018-12-08T07:14:58Z</lastFound>
    </HostAssetVuln>
    ...
  </list>
</vuln>
```

```
</vuln>
<processor>
  <list>
    <HostAssetProcessor>
      <name>Intel(R) Xeon(R)</name>
      <speed>2400</speed>
    </HostAssetProcessor>
  </list>
</processor>
<volume>
  <list>
    <HostAssetVolume>
      <name>/dev</name>
      <size>506937344</size>
      <free>506880000</free>
    </HostAssetVolume>
    ...
  </list>
</volume>
<account>
  <list>
    <HostAssetAccount>
      <username>root</username>
    </HostAssetAccount>
    <HostAssetAccount>
      <username>ec2-user</username>
    </HostAssetAccount>
  </list>
</account>
<networkInterface>
  <list>
    <HostAssetInterface>
      <hostname>ip-172-30-1-133</hostname>
      <interfaceName>eth0      Link encap</interfaceName>
      <macAddress>06:C2:ED:39:19:98</macAddress>
      <type>LOCAL</type>
      <address>172.30.1.133</address>
      <gatewayAddress>172.30.1.1</gatewayAddress>
    </HostAssetInterface>
    ...
  </list>
</networkInterface>
<isDockerHost>false</isDockerHost>
</HostAsset>
</data>
</ServiceResponse>
```