



# Qualys Cloud Platform v3.x

## API Release Notes

Version 3.13.1

December 1, 2022

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: New Input Values Added for Get Host Asset Info](#)

[AM API: New Input Values Added to Search Host Assets](#)

[Admin API: New API Parameters Added for RBAC](#)

### 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.

Qualys Cloud Platform 3.13.1 brings you many more API improvements and updates!

[Issues Addressed](#)

## AM API: New Input Values Added for Get Host Asset Info

API affected	/qps/rest/2.0/get/am/hostasset/<id>
New or Updated APIs	Updated
DTD or XSD changes	Yes

With this release, we have added new values to `trackingMethod` input parameter for the Get Host Asset Info API. The new values we now support are **ICS\_OCA**, **SHODAN**, **PASSIVE\_SENSOR**, and **EASM**.

Permissions required - 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 Parameter

Use the following input parameter to fetch host asset ID information in the API output:

Parameter	Description
<code>trackingMethod</code>	(keyword) Tracking method of the asset. NONE, <b>ICS_OCA</b> , IP, DNSNAME, NETBIOS, INSTANCE_ID, QAGENT, GCP_INSTANCE_ID (only for GCP Instances), <b>SHODAN</b> , <b>PASSIVE_SENSOR</b> , <b>EASM</b>

### Sample - Fetch host asset ID

#### API request:

```
curl -n -u "USERNAME:PASSWORD"  
"https://qualysapi.qualys.com/qps/rest/2.0/get/am/hostasset/84021"
```

#### Response

```
<?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>  
  <data>  
    <HostAsset>  
      <id>28904535</id>  
      <name>My Windows Asset</name>  
      <created>2022-10-17T07:33:59Z</created>  
      <modified>2022-10-17T07:33:59Z</modified>  
      <type>HOST</type>  
      <tags>
```

```
<list>
  <TagSimple>
    <id>127541603</id>
    <name>BI-Not-asset.supportGroupisnull</name>
  </TagSimple>
  <TagSimple>
    <id>124942592</id>
    <name>CHild_001</name>
  </TagSimple>
</list>
</tags>
<os>Windows XP</os>
<dnsHostName>xpsp3-10-28</dnsHostName>
<netbiosName>XPSP3-10-28</netbiosName>
<netbiosNetworkId>10</netbiosNetworkId>
<networkGuid>66bf43c8-7392-4257-b856-
a320fde231eb</networkGuid>
<address>10.10.10.29</address>
<trackingMethod>ICS_OCA</trackingMethod>
<networkInterface>
  <list>
    <HostAssetInterface>
      <hostname>xpsp3-10-28</hostname>
      <type>LOCAL</type>
      <address>10.10.10.29</address>
    </HostAssetInterface>
  </list>
</networkInterface>
<isDockerHost>>false</isDockerHost>
</HostAsset>
</data>
</ServiceResponse>
```

## AM API: New Input Values Added to Search Host Assets

API affected	/qps/rest/2.0/search/am/hostasset
New or Updated APIs	Updated
DTD or XSD changes	Yes

With this release, we have added new values to `trackingMethod` input parameter for the search host asset API. The newly added **ICS\_OCA**, **SHODAN**, **PASSIVE\_SENSOR**, and **EASM** values, returns list of host assets matching the provided criteria.

Permissions required - Managers with full scope, other users must have these permissions: Access Permission "API Access" and Asset Management Permission "Read Asset".

### Input Parameter

Use the following input parameter to search host assets information in the API output:

Parameter	Description
<code>trackingMethod</code>	(keyword) Tracking method of the asset. Values: NONE, <b>ICS_OCA</b> , IP, DNSNAME, NETBIOS, INSTANCE_ID, QAGENT, GCP_INSTANCE_ID (only for GCP Instances), <b>SHODAN</b> , <b>PASSIVE_SENSOR</b> , <b>EASM</b>

### Sample - Search host assets

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"
```

Request body:

```
<ServiceRequest>  
  <filters>  
    <Criteria field="trackingMethod"  
operator="EQUALS">ICS_OCA</Criteria>  
  </filters>  
  <preferences>  
    <limitResults>10</limitResults>  
  </preferences>  
</ServiceRequest>
```

Response:

```
<?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>28904535</id>
      <name>My Windows Asset</name>
      <created>2022-10-17T07:33:59Z</created>
      <modified>2022-10-17T07:33:59Z</modified>
      <type>HOST</type>
      <tags>
        <list>
          <TagSimple>
            <id>127541603</id>
            <name>BI-Not-asset.supportGroupisnull</name>
          </TagSimple>
          <TagSimple>
            <id>124942592</id>
            <name>CHILD</name>
          </TagSimple>
        </list>
      </tags>
      <fqdn>xpsp3-10-28</fqdn>
      <os>Windows XP</os>
      <dnsHostName>xpsp3-10-28</dnsHostName>
      <netbiosName>XPSP3-10-28</netbiosName>
      <netbiosNetworkId>10</netbiosNetworkId>
      <networkGuid>66bf43c8-7392-4257-b856-
a320fde231eb</networkGuid>
      <address>10.10.10.29</address>
      <trackingMethod>ICS_OCA</trackingMethod>
      <networkInterface>
        <list>
          <HostAssetInterface>
            <hostname>xpsp3-10-28</hostname>
            <type>LOCAL</type>
            <address>10.10.10.29</address>
          </HostAssetInterface>
        </list>
      </networkInterface>
      <isDockerHost>>false</isDockerHost>
    </HostAsset>
  </data>
</ServiceResponse>
```

Updated XSD:

```
<?xml version="1.0" encoding="UTF-8"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"
targetNamespace="http://am.oxm.api.portal.qualys.com/v2"
xmlns:tns="http://am.oxm.api.portal.qualys.com/v2"
xmlns:common="http://oxm.api.portal.qualys.com/common"
elementFormDefault="qualified">

<include schemaLocation="asset.xsd" />
<include schemaLocation="asset_common.xsd" />
<include schemaLocation="agent_source.xsd" />

<import namespace="http://oxm.api.portal.qualys.com/common"
schemaLocation="http://oxm.api.portal.qualys.com/common/qualys_common.xsd"
"/>

<simpleType name="AssetTrackingMethod">
<restriction base="string">
<enumeration value="NONE" />
<enumeration value="IP" />
<enumeration value="DNSNAME" />
<enumeration value="NETBIOS" />
<enumeration value="INSTANCE_ID" />
<enumeration value="QAGENT" />
<enumeration value="OCA" />
<enumeration value="ORACLE" />
<enumeration value="SEM" />
<enumeration value="VIRTUAL_MACHINE_ID"/>
<enumeration value="PASSIVE_SCANNER" />
<enumeration value="GCP_INSTANCE_ID" />
<enumeration value="SHODAN" />
<enumeration value="PASSIVE_SENSOR" />
<enumeration value="EASM" />
<enumeration value="ICS_OCA" />
</restriction>
</simpleType>

<complexType name="HostAssetOpenPort">
<sequence>
<element name="port" type="integer" />
<element name="protocol" minOccurs="0" type="tns:Protocol"/>
<element name="serviceId" type="long" minOccurs="0" />
<element name="serviceName" type="string" minOccurs="0" />
</sequence>
</complexType>
  <complexType name="HostAssetOpenPortQList">
    <sequence>
      <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
      <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetOpenPort"/>
    </sequence>
  </complexType>

```

```
        <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetOpenPort"/>
        <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetOpenPort"/>
        <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetOpenPort"/>
        <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetOpenPort"/>
    </sequence>
</complexType>

    <complexType name="HostAssetSoftware">
<sequence>
<element name="name" type="string" />
<element name="version" type="string" default="unkown" />
</sequence>
</complexType>
    <complexType name="HostAssetSoftwareQList">
    <sequence>
        <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
        <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetSoftware"/>
        <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetSoftware"/>
        <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetSoftware"/>
        <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetSoftware"/>
        <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetSoftware"/>
    </sequence>
</complexType>

    <complexType name="HostAssetProcessor">
<sequence>
<element name="name" type="string" />
<element name="speed" type="long" />
</sequence>
</complexType>
    <complexType name="HostAssetProcessorQList">
    <sequence>
        <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
        <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetProcessor"/>
        <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetProcessor"/>
        <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetProcessor"/>
        <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetProcessor"/>
    </sequence>
</complexType>
```

```
type="tns:HostAssetProcessor"/>
    <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetProcessor"/>
    </sequence>
</complexType>

    <complexType name="HostAssetVolume">
<sequence>
<element name="name" type="string" />
<element name="size" type="long" />
<element name="free" type="long" />
</sequence>
</complexType>
    <complexType name="HostAssetVolumeQList">
    <sequence>
        <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
        <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVolume"/>
        <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVolume"/>
        <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVolume"/>
        <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVolume"/>
        <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVolume"/>
    </sequence>
    </complexType>

    <complexType name="HostAssetAccount">
<sequence>
<element name="username" type="string" />
</sequence>
</complexType>
    <complexType name="HostAssetAccountQList">
    <sequence>
        <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
        <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetAccount"/>
        <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetAccount"/>
        <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetAccount"/>
        <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetAccount"/>
        <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetAccount"/>
    </sequence>
    </complexType>
```



```
<simpleType name="HostAssetInterfaceType">
  <restriction base="string">
    <enumeration value="LOCAL" />
    <enumeration value="PUBLIC" />
    <enumeration value="ELASTIC" />
    <enumeration value="PRIVATE" />
    <enumeration value="UNKNOWN_TYPE" />
  </restriction>
</simpleType>

  <complexType name="HostAssetInterface">
    <sequence>
      <element name="hostname" type="string" />
      <element name="interfaceId" type="string" />
      <element name="interfaceName" type="string" />
      <element name="macAddress" type="string" />
      <element name="type" type="tns:HostAssetInterfaceType" />
      <element name="address" type="string" minOccurs="0" />
      <element name="dnsAddress" type="string" minOccurs="0" />
      <element name="gatewayAddress" type="string" minOccurs="0" />
    </sequence>
  </complexType>
  <complexType name="HostAssetInterfaceQList">
    <sequence>
      <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
      <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetInterface"/>
      <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetInterface"/>
      <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetInterface"/>
      <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetInterface"/>
      <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetInterface"/>
    </sequence>
  </complexType>

  <complexType name="HostAssetVuln">
    <sequence>
      <element name="qid" type="long" />
      <element name="hostInstanceVulnId" type="long" />
      <element name="firstFound" type="dateTime" />
      <element name="lastFound" type="dateTime" />
    </sequence>
  </complexType>
  <complexType name="HostAssetVulnQList">
```

```
        <sequence>
            <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
            <element name="list" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVuln"/>
            <element name="set" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVuln"/>
            <element name="add" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVuln"/>
            <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVuln"/>
            <element name="update" minOccurs="0" maxOccurs="unbounded"
type="tns:HostAssetVuln"/>
        </sequence>
    </complexType>

<complexType name="HostDockerInfo">
<sequence>
<element name="dockerVersion" type="string"/>
<element name="noOfContainers" type="integer"/>
<element name="noOfImages" type="integer"/>
</sequence>
</complexType>

<complexType name="HostAsset">
<complexContent>
<extension base="tns:Asset">
<sequence>
<element name="qwebHostId" type="long" minOccurs="0" />
<element name="lastComplianceScan" type="dateTime" minOccurs="0" />
<element name="lastVulnScan" type="dateTime" minOccurs="0" />
<element name="vulnsUpdated" type="dateTime" minOccurs="0" />
<element name="informationGatheredUpdated" type="dateTime" minOccurs="0"
/>
<element name="lastSystemBoot" type="dateTime" minOccurs="0" />
<element name="lastLoggedOnUser" type="string" minOccurs="0" />
<element name="domain" type="string" minOccurs="0" />
<element name="FQDN" type="string" minOccurs="0" />
<element name="os" type="string" minOccurs="0" />
<element name="dnsHostName" type="string" minOccurs="0" />
<element name="AgentInfo" type="tns:QAgentAssetSource" minOccurs="0" />
<element name="netbiosName" type="string" minOccurs="0" />
<element name="netbiosNetworkId" type="long" minOccurs="0" />
<element name="networkGuid" type="common:uuid" minOccurs="0" />
<element name="address" type="string" minOccurs="0" />

<element name="trackingMethod" type="tns:AssetTrackingMethod"
minOccurs="0" />
<element name="cloudProvider" type="string" minOccurs="0" />
<element name="manufacturer" type="string" minOccurs="0" />
```

```
<element name="model" type="string" minOccurs="0" />
<element name="totalMemory" type="long" minOccurs="0" />
<element name="timezone" type="string" minOccurs="0" />
<element name="biosDescription" type="string" minOccurs="0" />

<element name="openPort" minOccurs="0" type="tns:HostAssetOpenPortQList"
/>
<element name="software" minOccurs="0" type="tns:HostAssetSoftwareQList"
/>
<element name="vuln" minOccurs="0" type="tns:HostAssetVulnQList" />

<element name="processor" type="tns:HostAssetProcessorQList"
minOccurs="0" />
<element name="volume" type="tns:HostAssetVolumeQList" minOccurs="0" />
<element name="account" type="tns:HostAssetAccountQList" minOccurs="0" />
<element name="networkInterface" type="tns:HostAssetInterfaceQList"
minOccurs="0" />
<element name="isDockerHost" type="string" minOccurs="0"/>
<element name="dockerInfo" type="tns:HostDockerInfo" minOccurs="0"/>
</sequence>
</extension>
</complexContent>
</complexType>
</schema>
```

## Admin API: New API Parameters Added for RBAC

With this release, in the initial phase, we are providing Role Based Access Control (RBAC) APIs in the Administration application that allows you to automate user management.

### Get User Id

API affected	/qps/rest/2.0/get/am/user/<userid>
New or Updated APIs	New
DTD or XSD changes	Yes

Super User or Manager role can use this API to get user details. You cannot retrieve data for other Super Users or Managers.

### Sample - Get user id

#### API request:

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

#### Response

```
<?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/user.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <User>  
      <id>12345</id>  
      <username>Test123</username>  
      <firstName>abc</firstName>  
      <lastName>xyz</lastName>  
      <emailAddress>abc@qualys.com</emailAddress>  
      <title>Automation</title>  
      <scopeTags>  
        <list>  
          <TagData>  
            <id>19298013</id>  
            <name>3.11.0.0</name>  
          </TagData>  
          <TagData>  
            <id>19330672</id>  
            <name>Quays Service Tag</name>  
          </TagData>
```

```
<TagData>
  <id>19330671</id>
  <name>Quays Service</name>
</TagData>
<TagData>
  <id>193123</id>
  <name>abc</name>
</TagData>
<TagData>
  <id>162261</id>
  <name>Default Dashboard Access Tag</name>
</TagData>
</list>
</scopeTags>
<roleList>
  <list>
    <RoleData>
      <id>322223</id>
      <name>PATCH READER</name>
    </RoleData>
    <RoleData>
      <id>5066051</id>
      <name>READER</name>
    </RoleData>
    <RoleData>
      <id>2712718</id>
      <name>VM User</name>
    </RoleData>
    <RoleData>
      <id>3199137</id>
      <name>Global AI User</name>
    </RoleData>
    <RoleData>
      <id>4477743</id>
      <name>Unified Dashboard User</name>
    </RoleData>
  </list>
</roleList>
</User>
</data>
</ServiceResponse>
```

## Search User List Based on id, name, and roleName

API affected	/qps/rest/2.0/search/am/user/
New or Updated APIs	New
DTD or XSD changes	Yes

Using this API you can fetch user data using id, name, and roleName. Super User or Manager role can use this API to get user details. You cannot retrieve data for other Super Users or Managers.

### Sample - Search user list based on id, name, and roleName

#### API request:

```
curl -n -u "USERNAME:PASSWORD"  
"https://qualysapi.qualys.com/qps/rest/2.0/search/am/user/"
```

#### Request body:

```
<?xml version="1.0" encoding="UTF-8" ?>  
<ServiceRequest>  
  <filters>  
    <Criteria field="roleName" operator="EQUALS">READER</Criteria>  
    <Criteria field="id" operator="GREATER">0</Criteria>  
  </filters>  
  <preferences>  
    <limitResults>500</limitResults>  
  </preferences>  
</ServiceRequest>
```

#### Response

```
<?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/user.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>10</count>  
  <hasMoreRecords>>false</hasMoreRecords>  
  <data>  
    <User>  
      <id>490457205</id>  
      <username>quays_test1</username>  
      <firstName>quays</firstName>  
      <lastName>test1</lastName>  
      <emailAddress>test1@qualys.com</emailAddress>  
      <title>Automation</title>  
      <scopeTags>
```

```
<list>
  <TagData>
    <id>19298013</id>
    <name>3.11.0.0</name>
  </TagData>
  <TagData>
    <id>19330672</id>
    <name>Quays Service Tag</name>
  </TagData>
  <TagData>
    <id>16226004</id>
    <name>Default Dashboard Access Tag</name>
  </TagData>
  <TagData>
    <id>19330671</id>
    <name>Quays Service</name>
  </TagData>
  <TagData>
    <id>19352903</id>
    <name>abc</name>
  </TagData>
</list>
</scopeTags>
<roleList>
  <list>
    <RoleData>
      <id>3222759</id>
      <name>PATCH READER</name>
    </RoleData>
    <RoleData>
      <id>5064653</id>
      <name>READER</name>
    </RoleData>
    <RoleData>
      <id>2712768</id>
      <name>VM User</name>
    </RoleData>
    <RoleData>
      <id>3197630</id>
      <name>Global AI User</name>
    </RoleData>
    <RoleData>
      <id>4473069</id>
      <name>Unified Dashboard User</name>
    </RoleData>
  </list>
</roleList>
</User>
```

..

```
<User>
<id>567422165</id>
<username>quays_test3</username>
<firstName>quays</firstName>
<lastName>test3</lastName>
<emailAddress>quays3@qualys.com</emailAddress>
<title>Qualys</title>
<scopeTags>
  <list>
    <TagData>
      <id>19437341</id>
      <name>TestScopeTags</name>
    </TagData>
  </list>
</scopeTags>
<roleList>
  <list>
    <RoleData>
      <id>4042065</id>
      <name>Reporting Reader</name>
    </RoleData>
    <RoleData>
      <id>5064653</id>
      <name>READER</name>
    </RoleData>
    <RoleData>
      <id>2712768</id>
      <name>VM User</name>
    </RoleData>
    <RoleData>
      <id>3197630</id>
      <name>Global AI User</name>
    </RoleData>
    <RoleData>
      <id>3204241</id>
      <name>AssetView</name>
    </RoleData>
  </list>
</roleList>
</User>
</data>
</ServiceResponse>
```



## Update User Tags and Roles

API affected	/qps/rest/2.0/update/am/user/<userid>
New or Updated APIs	New
DTD or XSD changes	Yes

Using this API, you can update user roles by adding or removing tags and roles for the user based on the name or id.

### Sample - Update user tags and roles

#### API request:

```
curl -n -u "USERNAME:PASSWORD"  
"https://qualysapi.qualys.com/qps/rest/2.0/update/am/user/"
```

#### Request body:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceRequest>  
  <data>  
    <User>  
      <roleList>  
        <remove>  
          <RoleData><id>4042065</id></RoleData>  
        </remove>  
      </roleList>  
    <scopeTags>  
      <add>  
        <TagData>  
          <id>20813299</id>  
        </TagData>  
      </add>  
    </scopeTags>  
  </User>  
</data>  
</ServiceRequest>
```

#### Response

```
<?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/user.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <User>
```

```
        <id>562044513</id>  
      </User>  
    </data>  
</ServiceResponse>
```

## Issues Addressed

- We have fixed an issue where the user could not use the <cancelTime> element in the scheduling parameter in the update scan schedule API.

The impacted API- **POST:** <APIserver name>/qps/rest/3.0//update/was/wasscanschedule/

- We have fixed an issue where users received an error — INVALID REQUEST while updating the multi-scan schedule, when the schedule was created using tags.

The impacted API- **POST:** <API server name>/qps/rest/3.0//update/was/wasscanschedule/