



Qualys Cloud Platform v3.x

API Release Notes

Version 3.6.1

May 19, 2021

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

[CA API: Ability to Assign Owner to the Activation Key](#)

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.

CA API: Ability to Assign Owner to the Activation Key

API affected	/qps/rest/1.0/create/ca/agentactkey/ /qps/rest/1.0/update/ca/agentactkey/ /qps/rest/1.0/search/ca/agentactkey/ /qps/rest/1.0/get/ca/agentactkey/
New or Updated APIs	Updated
DTD or XSD changes	Yes

With this release, you can assign owner to the activation key. With this support, remediation tickets will be assigned to the desired owner. You can create, update, search, and get details of activation key with ownerId parameter.

Sample - Create Activation Key

API request:

```
curl -u fo_username:password -X POST -H "Content-Type: text/xml" -H "X-Requested-With: curl" --data-binary @create_activation.xml "https://qualysapi.qualys.com/qps/rest/1.0/create/ca/agentactkey/"
```

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

Contents of create_activation.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <AgentActKey>
      <title>Owner</title>
      <countPurchased>0</countPurchased>
      <type>UNLIMITED</type>
      <ownerId>364812443</ownerId>
      <modules>
        <list>
          <ActivationKeyModule>
            <license>PC_LICENSE</license>
          </ActivationKeyModule>
        </list>
      </modules>
    </AgentActKey>
  </data>
</ServiceRequest>
```

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/1.0/ca/agentactkey.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <AgentActKey>  
      <id>3617002</id>  
      <activationKey>c89d05c2-d30e-4a59-aec3-  
453605266da5</activationKey>  
      <status>ACTIVE</status>  
      <countPurchased>0</countPurchased>  
      <countUsed>0</countUsed>  
      <datePurchased>2021-05-13T15:19:31Z</datePurchased>  
      <type>UNLIMITED</type>  
      <title>Owner</title>  
      <networkId>0</networkId>  
      <isDisabled>>false</isDisabled>  
      <applyOnAgents>>false</applyOnAgents>  
      <modules>  
        <list>  
          <ActivationKeyModule>  
            <license>PC_LICENSE</license>  
          </ActivationKeyModule>  
        </list>  
      </modules>  
      <suspendSelfPatch>>false</suspendSelfPatch>  
      <ownerId>364812443</ownerId>  
    </AgentActKey>  
  </data>  
</ServiceResponse>
```

Sample - Update Activation Key

API request:

```
curl -u fo_username:password -X POST -H "Content-Type: text/xml" -H "X-  
Requested-With: curl" --data-binary @update_activation.xml  
"https://qualysapi.qualys.com/qps/rest/1.0/update/ca/agentactkey/"
```

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

Contents of update_activation.xml

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceRequest>  
  <data>  
    <AgentActKey>  
      <id>3617002</id>  
      <title>Update from APIfim owner1</title>
```

```
<status>ACTIVE</status>
<countPurchased>1</countPurchased>
<expireDate>2021-12-06T23:05:42Z</expireDate>
<type>UNLIMITED</type>
<ownerId>364812443</ownerId>
<isDisabled>>false</isDisabled>
<modules>
  <list>
    <ActivationKeyModule>
      <license>FIM</license>
    </ActivationKeyModule>
  </list>
</modules>
<tags>
  <list>
    <Tag>
      <id>103180087</id>
      <name>Tag2</name>
    </Tag>
  </list>
</tags>
<agents>
  <list />
</agents>
</AgentActKey>
</data>
</ServiceRequest>
```

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/1.0/ca/agentactkey.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <AgentActKey>
      <id>3617002</id>
      <activationKey>c89d05c2-d30e-4a59-aec3-
453605266da5</activationKey>
      <status>ACTIVE</status>
      <countPurchased>0</countPurchased>
      <countUsed>0</countUsed>
      <datePurchased>2021-05-13T15:19:31Z</datePurchased>
      <type>UNLIMITED</type>
      <title>Update from APIfim owner1</title>
      <networkId>0</networkId>
      <isDisabled>>false</isDisabled>
```

```
        <applyOnAgents>false</applyOnAgents>
        <suspendSelfPatch>false</suspendSelfPatch>
        <ownerId>364812443</ownerId>
    </AgentActKey>
</data>
</ServiceResponse>
```

Sample - Search Activation Key

API request:

```
curl -u fo_username:password -X POST -H "Content-Type: text/xml" -H "X-
Requested-With: curl" --data-binary @get_all_keys.xml
"https://qualysapi.qualys.com/qps/rest/1.0/search/ca/agentactkey/"
```

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

Contents of get_all_keys.xml

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

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/1.0/ca/agentactkey.xsd">
    <responseCode>SUCCESS</responseCode>
    <count>3</count>
    <hasMoreRecords>>false</hasMoreRecords>
    <data>
        <AgentActKey>
            <id>3473802</id>
            <activationKey>381cb3fe-6d7d-41f7-9142-
26e6e14c56ee</activationKey>
            <status>ACTIVE</status>
            <countPurchased>0</countPurchased>
            <countUsed>0</countUsed>
            <datePurchased>2021-04-20T11:52:57Z</datePurchased>
            <type>UNLIMITED</type>
            <networkId>0</networkId>
            <isDisabled>>false</isDisabled>
            <applyOnAgents>>false</applyOnAgents>
            <agents>
                <list>
                    <AgentAsset>
                        <id>8409005</id>
```

```
        <uuid>c67c64c9-0623-4d18-8de6-b2392f9464f3</uuid>
        <name>test_linux_1619075506543_49</name>
    </AgentAsset>
    <AgentAsset>
        <id>8390993</id>
        <uuid>e450a841-c70a-4a89-a476-bd3681a8ffff</uuid>
        <name>test_windows_1618919635655_76</name>
    </AgentAsset>
    <AgentAsset>
        <id>8390994</id>
        <uuid>a11f7007-0b1e-49e5-802b-d497203aae63</uuid>
        <name>test_windows_1618919641938_75</name>
    </AgentAsset>
    <AgentAsset>
        <id>8390995</id>
        <uuid>b59ebf2e-4780-460f-80ed-130370ad13ee</uuid>
        <name>test_linux_1618919800790_0</name>
    </AgentAsset>
</list>
</agents>
<suspendSelfPatch>>false</suspendSelfPatch>
</AgentActKey>
<AgentActKey>
    <id>3617002</id>
    <activationKey>c89d05c2-d30e-4a59-aec3-
453605266da5</activationKey>
    <status>ACTIVE</status>
    <countPurchased>0</countPurchased>
    <countUsed>0</countUsed>
    <datePurchased>2021-05-13T15:19:31Z</datePurchased>
    <type>UNLIMITED</type>
    <title>Update from APIfim owner1</title>
    <networkId>0</networkId>
    <isDisabled>>false</isDisabled>
    <applyOnAgents>>false</applyOnAgents>
    <suspendSelfPatch>>false</suspendSelfPatch>
    <ownerId>364812443</ownerId>
</AgentActKey>
<AgentActKey>
    <id>3714801</id>
    <activationKey>3fcd9610-7fa0-4242-b2b7-
2d4b24484d3c</activationKey>
    <status>ACTIVE</status>
    <countPurchased>0</countPurchased>
    <countUsed>0</countUsed>
    <datePurchased>2021-05-19T10:57:48Z</datePurchased>
    <type>UNLIMITED</type>
    <title>Owner</title>
    <networkId>0</networkId>
```

```
<isDisabled>>false</isDisabled>
<applyOnAgents>>false</applyOnAgents>
<modules>
  <list>
    <ActivationKeyModule>
      <license>PC_LICENSE</license>
    </ActivationKeyModule>
  </list>
</modules>
<suspendSelfPatch>>false</suspendSelfPatch>
<ownerId>381715587</ownerId>
</AgentActKey>
</data>
</ServiceResponse>
```

Sample - Get Activation Key Details

API request:

```
curl -X GET -H "X-Requested-With: curl" -H "Authorization: Basic
AbcdAbcdAbcdAbcdAbcd" -H "Cache-Control: no-cache"
"https://qualysapi.qualys.com/qps/rest/1.0/get/ca/agentactkey/3714801"
```

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/1.0/ca/agentactkey.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <AgentActKey>
      <id>3714801</id>
      <activationKey>3fcd9610-7fa0-4242-b2b7-
2d4b24484d3c</activationKey>
      <status>ACTIVE</status>
      <countPurchased>0</countPurchased>
      <countUsed>0</countUsed>
      <datePurchased>2021-05-19T10:57:48Z</datePurchased>
      <type>UNLIMITED</type>
      <title>Owner</title>
      <networkId>0</networkId>
      <isDisabled>>false</isDisabled>
      <applyOnAgents>>false</applyOnAgents>
      <modules>
        <list>
          <ActivationKeyModule>
            <license>PC_LICENSE</license>
```

```
        </ActivationKeyModule>
    </list>
</modules>
<suspendSelfPatch>>false</suspendSelfPatch>
    <ownerId>381715587</ownerId>
</AgentActKey>
</data>
</ServiceResponse>
```

Updated XSD

XSD: <platform API server>/qps/xsd/1.0/ca/agentactkey.xsd

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

<schema xmlns="http://www.w3.org/2001/XMLSchema"
targetNamespace="http://ca.oxm.api.portal.qualys.com/v1"
elementFormDefault="qualified"
xmlns:QG="http://ca.oxm.api.portal.qualys.com/v1"
xmlns:jaxb="http://java.sun.com/xml/ns/jaxb"
xmlns:xjc="http://java.sun.com/xml/ns/jaxb/xjc"
jaxb:extensionBindingPrefixes="xjc"
jaxb:version="2.1"
xmlns:qcommon="http://oxm.api.portal.qualys.com/common" >

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

    <include schemaLocation="agentactivationhost.xsd" />
    <include schemaLocation="agenttags.xsd" />
    <include schemaLocation="activationmodules.xsd" />
    <include schemaLocation="agentkeybinarymapping.xsd" />

    <simpleType name="AgentStatus">
        <restriction base="string">
            <enumeration value="ACTIVE"/>
            <enumeration value="INACTIVE"/>
        </restriction>
    </simpleType>

    <simpleType name="ActivationKeyType">
        <restriction base="string">
            <enumeration value="COUNT_LIMITED"/>
            <enumeration value="TIME_LIMITED"/>
            <enumeration value="COUNT_TIME_LIMITED"/>
            <enumeration value="UNLIMITED"/>
        </restriction>
```



```
</simpleType>

<complexType name="AgentActivationModulesQList">
  <sequence>
    <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
    <element name="list" minOccurs="0" maxOccurs="unbounded"
type="QG:ActivationKeyModule"/>
    <element name="set" minOccurs="0" maxOccurs="unbounded"
type="QG:ActivationKeyModule"/>
    <element name="add" minOccurs="0" maxOccurs="unbounded"
type="QG:ActivationKeyModule"/>
    <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="QG:ActivationKeyModule"/>
    <element name="update" minOccurs="0" maxOccurs="unbounded"
type="QG:ActivationKeyModule"/>
  </sequence>
</complexType>

<complexType name="AgentKeyBinaryMappingQList">
  <sequence>
    <element name="count" type="int" maxOccurs="1" minOccurs="0"/>
    <element name="list" minOccurs="0" maxOccurs="unbounded"
type="QG:AgentKeyBinaryMapping"/>
    <element name="set" minOccurs="0" maxOccurs="unbounded"
type="QG:AgentKeyBinaryMapping"/>
    <element name="add" minOccurs="0" maxOccurs="unbounded"
type="QG:AgentKeyBinaryMapping"/>
    <element name="remove" minOccurs="0" maxOccurs="unbounded"
type="QG:AgentKeyBinaryMapping"/>
    <element name="update" minOccurs="0" maxOccurs="unbounded"
type="QG:AgentKeyBinaryMapping"/>
  </sequence>
</complexType>

<!-- DATA -->
<complexType name="AgentActKey">
  <sequence>
    <element name="id" type="long" minOccurs="1"/>
    <element name="uuid" type="string" minOccurs="0"/>
    <element name="activationKey" type="string" minOccurs="0"/>
    <element name="status" minOccurs="0" type="QG:AgentStatus"/>
    <element name="countPurchased" type="long" minOccurs="0"/>
    <element name="countUsed" type="long" minOccurs="0"/>
    <element name="datePurchased" type="dateTime" minOccurs="0"/>
    <element name="dateLastUsed" type="dateTime" minOccurs="0"/>
    <element name="type" type="QG:ActivationKeyType"
minOccurs="0"/>
    <element name="expireDate" type="dateTime" minOccurs="0"/>
    <element name="title" type="string" minOccurs="0"/>
  </sequence>
</complexType>
```

```
<element name="networkId" type="long" minOccurs="0"/>
<element name="isDisabled" type="boolean" minOccurs="0"/>
<element name="applyOnAgents" type="boolean" minOccurs="0"/>
<element name="modules" type="QG:AgentActivationModulesQList"
minOccurs="0" />
  <element name="tags" type="QG:TagQList" minOccurs="0" />
  <element name="agents" type="QG:AgentActivationHostQList"
minOccurs="0" />
  <element name="suspendSelfPatch" type="boolean" minOccurs="0"
/>
  <element name="binaryMappings"
type="QG:AgentKeyBinaryMappingQList" minOccurs="0" />
  <element name="oldActivationKey" type="string" minOccurs="0"/>
  <element name="newActivationKey" type="string" minOccurs="0"/>
  <element name="ownerId" type="long" minOccurs="0"/>

</sequence>
</complexType>
</schema>
```