



Qualys Cloud Platform v2.x

API Release Notes

Version 2.38

March 29, 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

[WAS API: Enhancements to Finding API response](#)

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	<a href="https://qualysapi.<customer_base_url>">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.

WAS API: Enhancements to Finding API response

API affected	<code>/qps/rest/3.0/get/was/finding/<id></code> <code>/qps/rest/3.0/search/was/finding</code>
New or Updated APIs	Updated
DTD or XSD changes	Yes

We have now improved the response for Finding API to include following details:

- the tags associated with the web application on which the finding was detected.
- details related to ignored finding

Sample 1 - View details of a finding (GET)

Let us view tag details for the web application with the ID 1071855.

API request:

```
curl -n -u "USERNAME:PASSWORD"  
"https://qualysapi.qualys.com/qps/rest/3.0/get/was/finding/1071855"
```

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/3.0/w  
as/finding.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <Finding>  
      <id>1071855</id>  
      <qid>150117</qid>  
      <name>  
        <![CDATA[Path-Based Cross-Site Scripting (XSS)]]>  
      </name>  
      <type>VULNERABILITY</type>  
      <findingType>QUALYS</findingType>  
      <group>XSS</group>  
      <cwe>  
        <count>1</count>  
        <list>  
          <long>79</long>  
        </list>  
      </cwe>  
      ...  
    </data>  
  </ServiceResponse>  
</status>NEW</status>
```

```
<firstDetectedDate>2018-12-04T11:15:50Z</firstDetectedDate>
<lastDetectedDate>2018-12-04T11:15:50Z</lastDetectedDate>
<lastTestedDate>2018-12-04T11:15:50Z</lastTestedDate>
<timesDetected>1</timesDetected>
<webApp>
  <id>5250256</id>
  <name>
    <![CDATA[1161]]>
  </name>
  <url>
    <![CDATA[https://10.11.72.37]]>
  </url>
  <tags>
    <count>2</count>
    <list>
      <Tag>
        <id>8753812</id>
        <name>
          <![CDATA[Multiscan]]>
        </name>
      </Tag>
      <Tag>
        <id>9029017</id>
        <name>
          <![CDATA[TagWebapp1]]>
        </name>
      </Tag>
    </list>
  </tags>
</webApp>
<isIgnored>>false</isIgnored>
<retest/>
</Finding>
</data>
</ServiceResponse>
```

Sample 2 - Search for finding with specific ID

Let us search for a specific finding and the response will reflect the tags information as well as ignored finding related details.

API request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST" --data-binary @- "https://qualysapi.qualys.com/qps/rest/3.0/search/was/finding/" < file.xml
```

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

Request POST Data (file.xml):

```
<ServiceRequest>
  <preferences>
    <verbose>>true</verbose>
  </preferences>
  <filters>
    <Criteria field="id" operator="EQUALS">1071855</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/3.0/w
as/finding.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <Finding>
      <id>1071855</id>
      <qid>150117</qid>
      <name>
        <![CDATA[Path-Based Cross-Site Scripting (XSS)]]>
      </name>
      <type>VULNERABILITY</type>
      <findingType>QUALYS</findingType>
      <cwe>
        <count>1</count>
        <list>
          <long>79</long>
        </list>
      </cwe>
      ...
      <url>
        <![CDATA[https://10.11.72.37]]>
      </url>
      <tags>
        <count>2</count>
        <list>
          <Tag>
            <id>8753812</id>
            <name>
              <![CDATA[Multiscan]]>
            </name>
          </Tag>
          <Tag>
            <id>9029017</id>
            <name>
```

```
        <![CDATA[TagWebapp1]]>
      </name>
    </Tag>
  </list>
</tags>
</webApp>
<isIgnored>true</isIgnored>
  <ignoredReason>FALSE_POSITIVE</ignoredReason>
  <ignoredBy>
    <id>1056860</id>
    <username>user_john</username>
    <firstName>
      <![CDATA[John]]>
    </firstName>
    <lastName>
      <![CDATA[Doe]]>
    </lastName>
  </ignoredBy>
  <ignoredDate>2019-03-04T03:19:29Z</ignoredDate>
  <ignoredComment>
    <![CDATA[This is test comment]]>
  </ignoredComment>
  <retest/>
</Finding>
</data>
</ServiceResponse>
```

XSD Update

Changes in finding.xsd (/qps/xsd/3.0/was/finding.xsd).

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified">
  <!-- REQUEST -->
  <xs:element name="ServiceRequest">
    <xs:complexType>
      <xs:all>
        <xs:element name="filters" type="ServiceRequestFilters" minOccurs="0"/>
        <xs:element name="preferences" type="ServiceRequestPreferences"
          minOccurs="0"/>
        <xs:element name="data" type="ServiceRequestData" minOccurs="0"/>
      </xs:all>
      ....
    <xs:complexType name="WebApp">
      <xs:all>
        <xs:element name="id" type="xs:long" minOccurs="0"/>
        <xs:element name="name" type="Cdata" minOccurs="0"/>
        <xs:element name="url" type="Url" minOccurs="0"/>
      </xs:all>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

```
        <xs:element name="tags" type="TagList" minOccurs="0"/>
    </xs:all>
</xs:complexType>
<xs:complexType name="TagList">
    <xs:all>
        <xs:element name="count" type="xs:int" minOccurs="0"/>
        <xs:element name="list" minOccurs="0">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Tag" type="Tag" minOccurs="0"
maxOccurs="unbounded"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="set" minOccurs="0">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Tag" type="Tag" maxOccurs="unbounded"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:all>
</xs:complexType>
<xs:complexType name="Tag">
    <xs:all>
        <xs:element name="id" type="xs:long"/>
        <xs:element name="name" type="Cdata" minOccurs="0"/>
    </xs:all>
</xs:complexType>
<xs:complexType name="Cdata">
    <xs:simpleContent>
        <xs:extension base="xs:string"/>
    </xs:simpleContent>
</xs:complexType>
<xs:complexType name="UrlList">
    <xs:all
...
        <xs:element name="findingStatus" type="xs:string" minOccurs="0"/>
        <xs:element name="reason" type="xs:string" minOccurs="0"/>
    </xs:all>
</xs:complexType>
</xs:schema>
```