



Web Application Firewall API

Release Notes

Version 1.19

The Qualys WAF API supports managing web applications, clusters and appliances in your WAF subscription. These release notes describe changes for the upcoming Qualys WAF release.

What's New

[Web Application API update - alertCount removed](#)

Complete documentation for this release will be available at the time of release. Log in the Qualys Cloud Platform and go to Help > Resources or visit the Documentation section at the Qualys Community.

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

Account Login	Base URL
Qualys US Platform 1	https://qualysapi.qualys.com
Qualys US Platform 2	https://qualysapi.qg2.apps.qualys.com
Qualys EU Platform	https://qualysapi.qualys.eu
Qualys Private Cloud Platform	<a href="https://qualysapi.<customer_base_url>">https://qualysapi.<customer_base_url>

Web Application API update - alertCount removed

The parameter “alertCount” has been completely removed. These requests have been updated: GET, SEARCH, CREATE, UPDATE.

Get details on a web application

A GET request no longer returns “alertCount” in the XML response.

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X "GET" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/1.0/get/waf/webapp/60582
```

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/xs
d/1.0/waf/webapp.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <WebApp>
      <id>60582</id>
      <uuid>dd42a1e8-245e-44a6-a14c-24cb5541ff56</uuid>
      <name><![CDATA[DEMO SITE]]></name>
      <owner>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
      </owner>
      <created>2016-08-08T16:37:28Z</created>
      <createdBy>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
      </createdBy>
      <updated>2016-08-09T11:47:28Z</updated>
```

```

    <updatedBy>
      <id>354597</id>
      <username>acme_js</username>
      <firstname>Jill</firstname>
      <lastname>Smith</lastname>
    </updatedBy>
    <url>https://demo-suite.mydomain.com</url>
    <originServerAddress>http://site-
origin.mydomain.com</originServerAddress>
    <status>ACTIVE</status>
    <proxiedHostnames>false</proxiedHostnames>
    <isStagingModeEnabled>true</isStagingModeEnabled>
    <isSslEnabled>true</isSslEnabled>
    <sslStatus>OK</sslStatus>
    <urls>
      <string>http://demo-suite-alias.mydomain.com</string>
    </urls>
    <securityPolicy>
      <id>4401</id>
      <uuid>14072e96-e472-48dd-8011-19e7773830a6</uuid>
      <name><![CDATA[Custom security policy]]></name>
    </securityPolicy>
    <clusters>
      <Cluster>
        <id>3001</id>
        <uuid>44e660e3-abbb-4659-a4fe-42e37f2c51fa</uuid>
        <name><![CDATA[QWAF1]]></name>
      </Cluster>
    </clusters>
    <rules/>
    <certificateMetadata><![CDATA[{"fileName":"WEB APP
P04.crt","commonName":"..."}]]>
</certificateMetadata>

    <enableAuthenticatedScanning>false</enableAuthenticatedScanning>
  </WebApp>
</data>
</ServiceResponse>

```

Search web applications

A SEARCH request no longer returns “alertCount” in the XML response. Also “alertCount” is no longer a valid input parameter for a SEARCH request.

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X "POST" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/1.0/search/waf/webapp --data
```

```
"<?xml version=\"1.0\" ?>
<ServiceRequest>
  <filters>
    <Criteria field=\"clusters.cluster.name\"
operator=\"CONTAINS\">proxysset</Criteria>
    <Criteria field=\"status\" operator=\"EQUALS\">INACTIVE</Criteria>
  </filters>
</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/xs
d/1.0/waf/webapp.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <WebApp>
      <id>64223</id>
      <uuid>c23f5881-ad62-460e-a30c-50f89813028f</uuid>
      <name><![CDATA[API Test]]></name>
      <owner>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
      </owner>
      <created>2016-08-09T19:10:07Z</created>
      <createdBy>
        <id>354597</id>
        <username>acme_js</username>
```

```

        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
    </createdBy>
    <updated>2016-08-09T19:10:07Z</updated>
    <updatedBy>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
    </updatedBy>
    <url>http://api-test.eng.qualys.com</url>

<originServerAddress>http://origin.eng.qualys.com</originServerAdd
ress>
    <status>INACTIVE</status>
    <proxiedHostnames>false</proxiedHostnames>
    <isStagingModeEnabled>true</isStagingModeEnabled>
    <isSslEnabled>false</isSslEnabled>
    <urls/>
    <securityPolicy>
        <id>4202</id>
        <uuid>f04bf522-3607-4754-9b25-7b88e100444b</uuid>
        <name><![CDATA[Standard Security]]></name>
    </securityPolicy>
    <clusters>
        <Cluster>
            <id>3005</id>
            <uuid>44151068-9b7b-4e18-9e50-604df4931f31</uuid>
            <name><![CDATA[PROXYSET NO APPLIANCES]]></name>
        </Cluster>
        <Cluster>
            <id>3006</id>
            <uuid>a3dec00c-a288-4ece-b872-1000f24f677c</uuid>
            <name><![CDATA[PROXYSET API TEST]]></name>
        </Cluster>
    </clusters>
    <rules>
        <WebAppRule>
            <id>1002</id>
            <uuid>778a6bf4-8110-421f-a9c1-056639183736</uuid>
            <name><![CDATA[AC by country]]></name>

```

```
        <action>INCREASE_THREAT_LEVEL</action>
        <criterion><![CDATA[AL]]></criterion>
    </WebAppRule>
</rules>

<enableAuthenticatedScanning>>false</enableAuthenticatedScanning>
    <lastComment><![CDATA[These are the latest
comments]]></lastComment>
    <tags>
        <Tag>
            <id>7530430</id>
            <name><![CDATA[Cloud Agent]]></name>
        </Tag>
    </tags>
</WebApp>
</data>
</ServiceResponse>
```

Create a web application

A CREATE request no longer returns “alertCount” in the XML response.

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X "POST" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/1.0/create/waf/webapp --data
```

```
"<?xml version=\"1.0\" ?>
<ServiceRequest>
  <data>
    <WebApp>
      <name>DEMO SITE</name>
      <url>http://demo-suite.mydomain.com</url>
      <originServerAddress>http://site-
origin.mydomain.com</originServerAddress>
      <urls><string>http://demo-suite-alias.mydomain.com</string></urls>
      <securityPolicy>
        <id>4201</id>
      </securityPolicy>
      <rules>
        <WebAppRule>
          <name>ALLOW AF</name>
          <action>ALLOW</action>
```

```
        <criteria>AF</criteria>
      </WebAppRule>
    </rules>
  <tags>
    <Tag>
      <name>Cloud Agent</name>
    </Tag>
  </tags>
</WebApp>
</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/1.0/w
af/webapp.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <WebApp>
      <id>65021</id>
      <uuid>c17a3bf3-52c1-4797-a465-22b104beac7c</uuid>
      <name><![CDATA[DEMO SITE]]></name>
      <owner>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
      </owner>
      <created>2016-08-09T19:26:35Z</created>
      <createdBy>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
      </createdBy>
      <updated>2016-08-09T19:26:35Z</updated>
      <updatedBy>
        <id>354597</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
      </updatedBy>
      <url>http://demo-suite.mydomain.com</url>
      <originServerAddress>http://site-
origin.mydomain.com</originServerAddress>
      <status>PENDING_DEPLOY</status>
```

```

<proxiedHostnames>false</proxiedHostnames>
<isStagingModeEnabled>true</isStagingModeEnabled>
<isSslEnabled>false</isSslEnabled>
<urls>
  <string>http://demo-suite-alias.mydomain.com</string>
</urls>
<securityPolicy>
  <id>4201</id>
  <uuid>5ae116b9-0df1-4b0b-ba34-b4aa35eff92f</uuid>
  <name><![CDATA[Pass-through]]></name>
</securityPolicy>
<clusters/>
<rules>
  <WebAppRule>
    <id>1201</id>
    <uuid>70c69ee4-68dc-43f9-86a3-4ab951c0da26</uuid>
    <name><![CDATA[ALLOW AF]]></name>
    <action>ALLOW</action>
    <criterion><![CDATA[AF]]></criterion>
  </WebAppRule>
</rules>
<enableAuthenticatedScanning>false</enableAuthenticatedScanning>
<tags>
  <Tag>
    <id>7530430</id>
    <name><![CDATA[Cloud Agent]]></name>
  </Tag>
</tags>
</WebApp>
</data>
</ServiceResponse>

```

Update web application

An UPDATE request no longer returns “alertCount” in the XML response.

Example

Request:

```

curl -u "USERNAME:PASSWORD" -X "POST" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/1.0/update/waf/webapp/
5739273 --data

```

```

"<?xml version=\"1.0\" ?>
<ServiceRequest>
  <data>
    <WebApp>
      <url>https://demo-suite.mydomain.com</url>

```

```

        <lastComment>YET ANOTHER COMMENT</lastComment>
        <chain>
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tDQpNSU1FT1RDQ0F5R2dBd0lCQWdJQkFEQU5CZ
2txaGtpRz13MEJBUBVVGQURDQm9ERUXNQWtHQTFVRUJoTUNWVk14DQpFekFSQmdOVkJBZ1RDa0
5oYkdsbWIZSnVhV0V4R1RBVEJnTlZCQWNUREZKbFpIZHZiMlFnUTJsMGVURVVNQklHDQpBMVV
FQ2hNTFVYVmhISGx6SUVsdVl5NHhEakFNQmdOVk
...
        </chain>
        <privateKey>
LS0tLS1CRUdJTiBSU0EgUUFJJVkJFURSBURVktLS0tLQ0KTU1JRW9nSUJBQUtDQVFFQXNjV1BSU
Ww3N2VBAFFoUjd1SlFwD0NhdTB0a0oySUXwaTJQkKJyej1YU3R0Y1FuMA0KVEdoRjFuZ2xXY3
RiMmhJc3I0VFBvSVpweTlueFc1RmZVbFpFeX1jVmtjQkhyaw1HQm9VOTJMUKVDYzZ1MG1ySw0
KblFVLzJzV2M3YTEzcTBGNudKaE05TDdlU04
...
        </privateKey>
        <certificate>
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tDQpNSU1FUURDQ0F5aWdBd0lCQWdJQkFUQU5CZ
2txaGtpRz13MEJBUBVFGQURDQmxURUXNQWtHQTFVRUJoTUNWVk14DQpFekFSQmdOVkJBZ1RDa0
5oYkdsbWIZSnVhV0V4R1RBVE
...
        </certificate>
        <passphrase>xxxxxxxxxxxxxx</passphrase>
        </WebApp>
    </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/1.0/
waf/webapp.xsd">
    <responseCode>SUCCESS</responseCode>
    <count>1</count>
    <data>
        <WebApp>
            <id>6174079</id>
            <uuid>45421e43-6821-4172-b395-8eabd9c1ad17</uuid>
            <name><![CDATA[WEB APP P04]]></name>
            <owner>
                <id>2049309</id>
                <username>acme_js</username>
                <firstname>Jill</firstname>
                <lastname>Smith</lastname>
            </owner>
            <created>2016-07-15T01:44:03Z</created>
            <createdBy>
                <id>2049309</id>
                <username>acme_js</username>

```

```

        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
    </createdBy>
    <updated>2016-07-15T02:03:43Z</updated>
    <updatedBy>
        <id>2049309</id>
        <username>acme_js</username>
        <firstname>Jill</firstname>
        <lastname>Smith</lastname>
    </updatedBy>
    <url>https://demo-suite.mydomain.com</url>
    <originServerAddress>http://site-
origin.mydomain.com</originServerAddress>
    <status>INACTIVE</status>
    <proxiedHostnames>false</proxiedHostnames>
    <isStagingModeEnabled>true</isStagingModeEnabled>
    <isSslEnabled>true</isSslEnabled>
    <sslStatus>OK</sslStatus>
    <urls>
        <string>http://demo-suite-alias.mydomain.com</string>
    </urls>
    <securityPolicy>
        <id>142265</id>
        <uuid>f99e9ac4-8b83-4aad-ae44-4923867a0d6f</uuid>
        <name><![CDATA[0.8.1-18]]></name>
    </securityPolicy>
    <clusters/>
    <rules>
        <WebAppRule>
            <id>57404</id>
            <uuid>0184c3c5-1ff2-4d1b-9d16-24e1fb1df2ed</uuid>
            <name><![CDATA[ALLOW AF]]></name>
            <action>ALLOW</action>
            <criteria><![CDATA[AF]]></criteria>
        </WebAppRule>
    </rules>
    <certificateMetadata><![CDATA[{"fileName":"WEB APP
P04.crt","commonName":"..."}]]>
    </certificateMetadata>
    <enableAuthenticatedScanning>false</enableAuthenticatedScanning>
    <lastComment><![CDATA[ANOTHER COMMENT]]></lastComment>
</WebApp>
</data>
</ServiceResponse>

```