



Web Application Firewall API Release Notes

Version 1.22

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 - sslStatus updates](#)

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 - sslStatus updates

We've made these updates to sslStatus in web application API requests.

- Fixed an issue where sslStatus element incorrectly returned `<sslStatus>OK</sslStatus>` instead of the correct status in the output from these API requests: GET, SEARCH, CREATE, UPDATE. Now the correct status is returned in all cases.

- Fixed an issue where sslStatus not updated correctly in web application settings. Now an UPDATE request will update sslStatus to appropriate status value.

Status values for sslStatus have not changed, and we've described below.

What is sslStatus?

sslStatus is the SSL status of the certificate provided for the web application (one status per web application). The status is returned in this priority order.

SELSIGNED	Certificate is self-signed
URLINVALID	Certificate Common Name or Alternative Names don't match the web application URL
INVALID	Certificate is expired
OK	Certificate seems OK

Get details on a web application

Sample GET request that returned sslStatus OK in the XML response - this certificate seems OK.

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>2016-11-09T11:47:28Z</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>

```

Update web application

UPDATE request that returned sslStatus SELFSIGNED in 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>
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURSB0tLS0tDQpNSU1FT1RDQ0F5R2dDbD0lCQWdJQkFEQU5CZ
2txaGtpRz13MEJBVVVGURDQm9ERUxNQWtHQTFVRUJJoTUNWVk14DQpFekFSQmdOVkJBZ1RDa0
5oYkdsbWlzMnVhV0V4R1RBVEJnTlZCQWNUREZKbFpIZHZiMlFnUTJSMGVURVVNqklHDQpBMVV
FQ2hNTFVYVmhiSGx6SUVsdVl5NHhEakFNQmdOVk
...
      </chain>
      <privateKey>
LS0tLS1CRUdJTiB1SU0EgUFJJVkJFURSB1RVktLS0tLQ0KTU1JRW9nSUJBQUtDQVFFQXNjV1BsU
Ww3N2VBAFFoUjd1SlFWd0NhdTBoa0oySUXWaTJQkYjejlYU3R0Y1FuMA0KVEdoRjFuZ2xXY3
RiMmhJc3I0VFBvSVpweTlueFclRmZVbFpFeXlJvmtjQkhyaw1HQm9VOTJMUkVVDyZlMGlySw0
KblFVLzJzV2M3YTEzcTBGNudKaE05TDdlU04

```

```

...
  </privateKey>
  <certificate>
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tDQpNSU1FUURDQ0F5aWdBd0lCQWdJQkFUQU5CZ
2txaGtpRz13MEJBUEVFGURDQmxURUxNQWtHQTFVRUJJoTUNWVWk14DQpFekFSQmdOVkJBZ1RDa0
5oYkdsbWlzMnVhV0V4RlRBVE
...
  </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-b395-8eabd9clad17</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>2016-11-15T02:03:43Z</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>SELSIGNED</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>

```

