



WAS API Release Notes

Version 4.13

Qualys WAS API gives you ways to integrate your programs and API calls with Web Application Scanning (WAS). For WAS API 4.13 we've made improvements to the Web Application API. The WAS API User Guide will be updated with all the details at the time of release. Looking for our API user guides? Just log in to your account and go to Help > Resources.

What's New

[Option Profile API - New form uniqueness option](#)

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

Account Login	Base URL
US Platform 1	https://qualysapi.qualys.com
US Platform 2	https://qualysapi.qg2.apps.qualys.com
EU Platform	https://qualysapi.qualys.eu

Option Profile API - New form uniqueness option

Forms considered unique are reported separately in your account. We'll always use form field names to calculate form uniqueness. When you set the new "includeActionUriInFormID" parameter to true in your option profile, we'll use form action URI and form field name for determining the uniqueness of a form.

Updated XSD: was_v3.0.xsd

```
<?xml version="1.0" encoding="UTF-8"?>
...
<element name="maxCrawlRequests" type="long" minOccurs="0"/>
  <element name="timeoutErrorThreshold" type="long"
    minOccurs="0"/>
  <element name="unexpectedErrorThreshold" type="long"
    minOccurs="0"/>
  <element name="userAgent" type="qcommon:Cdata" minOccurs="0"/>
  <element name="parameterSet" type="Q1:ParameterSet"
    minOccurs="0"/>
  <element name="ignoreBinaryFiles" type="boolean"
    minOccurs="0"/>
  <element name="includeActionUriInFormId" type="boolean"
    minOccurs="0"/>
  <element name="smartScanSupport" type="boolean"
    minOccurs="0"/>
  <element name="smartScanDepth" type="long" minOccurs="0"/>
  <element name="performance" default="LOW" minOccurs="0">
    ...
  </element>
...
</schema>
```

Updated XSD: optionprofile.xsd

```
<xs:complexType name="OptionProfile">
  <xs:all>
    <xs:element name="id" type="xs:long" minOccurs="0"/>
    <xs:element name="name" type="Cdata" minOccurs="0"/>
    <xs:element name="owner" type="User" minOccurs="0"/>
    ...
    ...
    <xs:element name="includeActionUriInFormId" type="xs:boolean"
      minOccurs="0"/>
    ...
    ...
    <xs:element name="smartScanSupport" type="xs:boolean" minOccurs="0"/>
  </xs:all>
</xs:complexType>
```

GET Option Profile API

Example: View the option profile details for the web application with ID #171683 to check if action URI is enabled or disabled.

API Request:

```
curl -u "USERNAME:PASSWORD" " -X GET -H "Content-type: text/xml"
"https://qualysapi.qualys.com/portal-api/rest/3.0/get/was/
optionprofile/176683"
```

XML response:

```
<?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/3.0/was/optionprofile.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <OptionProfile>
      <id>176683</id>
      <name>
        <![CDATA[My Option Profile - with action URI]]>
      </name>
      <owner>
        <id>336390</id>
        <username>john_doe</username>
        <firstName>
          <![CDATA[John]]>
        </firstName>
        <lastName>
          <![CDATA[Doe]]>
        </lastName>
      </owner>
      <isDefault>false</isDefault>
      <tags>
        <count>0</count>
      </tags>
      <formSubmission>BOTH</formSubmission>
      <maxCrawlRequests>200</maxCrawlRequests>
      <timeoutErrorThreshold>22</timeoutErrorThreshold>
      <unexpectedErrorThreshold>50</unexpectedErrorThreshold>
      <userAgent>
        <![CDATA[Mozilla/5.0 (Windows NT 6.2; WOW64)AppleWebKit
/537.36 (KHTML, like Gecko) Chrome/27.0.1453.116
Safari/537.36]]>
      </userAgent>
      <parameterSet>
        <id>0</id>
      </parameterSet>
    </OptionProfile>
  </data>
</ServiceResponse>
```

```

        <name>
          <![CDATA[Initial Parameters]]>
        </name>
      </parameterSet>
      <ignoreBinaryFiles>true</ignoreBinaryFiles>
      <includeActionUriInFormId>true</includeActionUriInFormId>
      <smartScanSupport>false</smartScanSupport>
      <performance>LOW</performance>
      <bruteforceOption>DISABLED</bruteforceOption>
      <comments>
        <count>1</count>
        <list>
          <Comment>
            <contents>
              <![CDATA[User Comment]]>
            </contents>
            <createdDate>2016-11-18T15:59:55Z</createdDate>
          </Comment>
        </list>
      </comments>
      ...
    </OptionProfile>
  </data>
</ServiceResponse>

```

CREATE Option Profile API

Example: Create a new option profile with the name “My Option Profile - with action URI” to include Action URI. The default option profile settings are assigned automatically.

API Request:

```

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

```

Note: “file.xml” contains the request POST data.

Request POST data:

```

<ServiceRequest>
  <data>
    <OptionProfile>
      <name>
        <![CDATA[My Option Profile - with action URI]]>
      </name>
      <timeoutErrorThreshold>22</timeoutErrorThreshold>
      <unexpectedErrorThreshold>50</unexpectedErrorThreshold>
    </OptionProfile>
  </data>
</ServiceRequest>

```

```

    <formSubmission>BOTH</formSubmission>
    <maxCrawlRequests>200</maxCrawlRequests>
    <performance>LOW</performance>
    <bruteforceOption>DISABLED</bruteforceOption>
    <isDefault>true</isDefault>
    <ignoreBinaryFiles>true</ignoreBinaryFiles>
    <includeActionUriInFormId>true</includeActionUriInFormId>
    <userAgent>
    <![CDATA[Mozilla/5.0 (Windows NT 6.2; WOW64)AppleWebKit/537.36
      (KHTML, like Gecko) Chrome/27.0.1453.116 Safari/537.36]]>
    </userAgent>
    <sensitiveContent>
    <customContents>zip code</customContents>
    </sensitiveContent>
    <comments>
    <set>
    <Comment>
    <contents>
    <![CDATA[This is a test comment.]]>
    </contents>
    </Comment>
    </set>
    </comments>
  </OptionProfile>
</data>
</ServiceRequest>

```

XML response:

```

<?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/3.0/was/optionprofile.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <OptionProfile>
      <id>171683</id>
      <name>
        <![CDATA[My Option Profile - with action URI]]>
      </name>
      <owner>
        <id>336390</id>
        <username>john_doe</username>
        <firstName>
          <![CDATA[John]]>
        </firstName>
        <lastName>
          <![CDATA[Doe]]>
        </lastName>
      </owner>
    </OptionProfile>
  </data>
</ServiceResponse>

```

```

        </lastName>
    </owner>
    <isDefault>>false</isDefault>
    <tags>
        <count>0</count>
    </tags>
    <formSubmission>BOTH</formSubmission>
    <maxCrawlRequests>200</maxCrawlRequests>
    <timeoutErrorThreshold>22</timeoutErrorThreshold>
    <unexpectedErrorThreshold>50</unexpectedErrorThreshold>
    <userAgent>
        <![CDATA[Mozilla/5.0 (Windows NT 6.2; WOW64)AppleWebKit
            /537.36 (KHTML, like Gecko) Chrome/27.0.1453.116
            Safari/537.36
        ]]>
    </userAgent>
    <parameterSet>
        <id>0</id>
        <name>
            <![CDATA[Initial Parameters]]>
        </name>
    </parameterSet>
    <ignoreBinaryFiles>true</ignoreBinaryFiles>
    <includeActionUriInFormId>true</includeActionUriInFormId>
    <smartScanSupport>false</smartScanSupport>
    <performance>LOW</performance>
    <bruteforceOption>DISABLED</bruteforceOption>
    <comments>
        <count>1</count>
        <list>
            <Comment>
                <contents>
                    <![CDATA[User Comment]]>
                </contents>
                <createdDate>2016-11-18T15:59:55Z</createdDate>
            </Comment>
        </list>
    </comments>
    <sensitiveContent>
        <creditCardNumber>>false</creditCardNumber>
        <socialSecurityNumber>>false</socialSecurityNumber>
        <customContents>zip code</customContents>
    </sensitiveContent>
    <createdDate>2016-11-18T15:59:49Z</createdDate>
    <createdBy>
        <id>336390</id>
        <username>john_doe</username>
        <firstName>
            <![CDATA[John]]>

```

```
        </firstName>
        <lastName>
          <![CDATA[Doe]]>
        </lastName>
      </createdBy>
      <updatedAt>2016-11-18T15:59:49Z</updatedAt>
      <updatedBy>
        <id>336390</id>
        <username>john_doe</username>
        <firstName>
          <![CDATA[John]]>
        </firstName>
        <lastName>
          <![CDATA[Doe]]>
        </lastName>
      </updatedBy>
    </OptionProfile>
  </data>
</ServiceResponse>
```

UPDATE Option Profile API

Example: Update the Option Profile to disable Action URI.

API Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml"-X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/3.0/create/was/optionprofile/17668
3" < file.xml
```

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

Request POST data:

```
<ServiceRequest>
  <data>
    <OptionProfile>
      <name>
        <![CDATA[My Option Profile - with action URI]]>
      </name>
      <includeActionUriInFormId>false</includeActionUriInFormId>
    </OptionProfile>
  </data>
</ServiceRequest>
```

XML response:

```
<?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/3.0/was/optionprofile.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <OptionProfile>  
      <id>176683</id>  
    </OptionProfile>  
  </data>  
</ServiceResponse>
```