



Security Assessment Questionnaire API

User Guide

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Preface

Welcome to Qualys Security Assessment Questionnaire (SAQ) API. This user guide is intended for application developers who will use the Qualys SAQ API.

About Qualys

Qualys, Inc. (NASDAQ: QLYS) is a pioneer and leading provider of cloud-based security and compliance solutions. The Qualys Cloud Platform and its integrated apps help businesses simplify security operations and lower the cost of compliance by delivering critical security intelligence on demand and automating the full spectrum of auditing, compliance and protection for IT systems and web applications.

Founded in 1999, Qualys has established strategic partnerships with leading managed service providers and consulting organizations including Accenture, BT, Cognizant Technology Solutions, Deutsche Telekom, Fujitsu, HCL, HP Enterprise, IBM, Infosys, NTT, Optiv, SecureWorks, Tata Communications, Verizon and Wipro. The company is also a founding member of the [Cloud Security Alliance \(CSA\)](#). For more information, please visit www.qualys.com.

Contact Qualys Support

Qualys is committed to providing you with the most thorough support. Through online documentation, telephone help, and direct email support, Qualys ensures that your questions will be answered in the fastest time possible. We support you 7 days a week, 24 hours a day. Access support information at www.qualys.com/support/.

Chapter 1 - Welcome

Welcome to Qualys Security Assessment Questionnaire (SAQ) API.

This chapter gives you an introduction to the Qualys SAQ API and how to make requests using this API. We'll discuss API conventions and best practices to get you up and running quickly.

We recommend you join our Community and subscribe to our API notifications so you'll get email notifications telling you about important upcoming API enhancements and changes.

From our Community

[Join our Community](#)

[Subscribe to API Notifications \(select Receive email notifications\)](#)

API Conventions

Qualys User Account

Authentication with valid Qualys user account credentials is required for making Qualys API requests to the Qualys API servers. These servers are hosted at the Qualys platform, also referred to as the Security Operations Center (SOC), where your account is located. If you need assistance with obtaining a Qualys account, please contact your Qualys account representative.

Qualys user accounts that have been enabled with VIP two-factor authentication can be used with the Qualys API, however two-factor authentication will not be used when making API requests. Two-factor authentication is only supported when logging into the Qualys GUI.

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.

Still have questions? You can easily find the API server URL for your account.

Just log in to your Qualys account and go to Help > About. You'll see this information under Security Operations Center (SOC).

Making API Calls

GET and POST Methods

Qualys API functions allow API users to submit parameters (name=value pairs) using the GET and/or POST method. There are known limits for the amount of data that can be sent using the GET method, and these limits are dependent on the toolkit used. Please refer to the individual descriptions of the API function calls to learn about the supported methods for each function.

Parameters in URLs

API parameters, as documented in this user guide, should be specified one time for each URL. In the case where the same parameter is specified multiple times in a single URL, the last parameter takes effect and the previous instances are silently ignored. URL elements are case sensitive.

Date Format in API Results

The Qualys API has adopted a date/time format to provide consistency and interoperability of the Qualys API with third-party applications. The date format follows standards published in RFC 3339 and ISO 8601, and applies throughout the Qualys API.

The date format is:

`yyyy-mm-ddThh-mm-ssZ`

This represents a UTC value (GMT time zone).

URL Encoding in API Code

You must URL encode variables when using the Qualys API. This is standard practice for HTTP communications. If your application passes special characters, like the single quote ('), parentheses, and symbols, they must be URL encoded.

For example, the pound (#) character cannot be used as an input parameter in URLs. If “#” is specified, the Qualys API returns an error. To specify the “#” character in a URL you must enter the encoded value “%23”. The “#” character is considered by browsers and other Internet tools as a separator between the URL and the results page, so whatever follows an un-encoded “#” character is not passed to the Qualys API server and returns an error.

Know your Portal Version

Using the Version API you can find out the installed version of Portal and its sub-modules that are available in your subscription.

URL: `https://qualysapi.qualys.com/qps/rest/portal/version`

Methods allowed: GET

Example

API Request:

```
curl -u "USERNAME:PASSWORD" -X "GET" -H "Accept: application/xml"  
https://qualysapi.qualys.com/qps/rest/portal/version
```

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/version.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <Portal-Version>  
      <PortalApplication-VERSION>2.33.0.0-SNAPSHOT-1 DEVELOP  
#352 (2018-05-07T22:53:43Z)</PortalApplication-VERSION>  
      <WAS-VERSION>6.0.0.0</WAS-VERSION>  
      <FIM-VERSION>1.5.1</FIM-VERSION>  
      <VM-VERSION>1.0.3</VM-VERSION>  
      <CERTVIEW-VERSION>1.1.0.0</CERTVIEW-VERSION>  
      <CM-VERSION>1.20.1</CM-VERSION>  
      <MDS-VERSION>2.11.7.0</MDS-VERSION>  
      <CA-VERSION>2.9.1.0</CA-VERSION>  
      <IOC-VERSION>1.1.0</IOC-VERSION>  
      <AV2-VERSION>0.1.0</AV2-VERSION>  
      <QUESTIONNAIRE-VERSION>2.14.0.4</QUESTIONNAIRE-VERSION>  
      <WAF-VERSION>2.7.0.0</WAF-VERSION>  
    </Portal-Version>  
  </data>  
</ServiceResponse>
```

Chapter 2 - SAQ User API

Use these API functions to manage SAQ users.

[Get user details](#)

[Current user count](#)

[Search users](#)

[Create user](#)

[Update user](#)

[Update users \(bulk\)](#)

[Delete user](#)

[Delete users \(bulk\)](#)

Get user details

Returns details for a user in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/get/saq/user/<id>`

Methods allowed: GET

Input

The element "id" (Integer) is required, where "id" identifies a user of interest.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" permission

Output includes users within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X GET  
http://qualysapi.qualys.com/qps/rest/1.0/get/saq/user/400591
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd  
/1.0/saq/user.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <User>  
      <id>400591</id>  
      <uuid>2277d4ff-9068-44f2-97d0-ccf35cfa1679</uuid>  
      <firstName>qualys2</firstName>  
      <lastName>q</lastName>  
      <company>qualys</company>  
      <emailAddress>user@abc.com</emailAddress>  
      <userName>user</userName>  
      <title>dev</title>  
      <tags>  
        <Tag>  
          <id>7513412</id>  
          <name>Malware Domain Assets</name>  
        </Tag>  
      <Tag>
```

```
        <id>7533412</id>
        <name>fadi&apos;s tag</name>
    </Tag>
    <Tag>
        <id>7508422</id>
        <name>Business Units</name>
    </Tag>
    <Tag>
        <id>7520414</id>
        <name>test2</name>
    </Tag>
    <Tag>
        <id>7546412</id>
        <name>Passive Scanning</name>
    </Tag>
    <Tag>
        <id>7553612</id>
        <name>tag1</name>
    </Tag>
    <Tag>
        <id>7553812</id>
        <name>tag2</name>
    </Tag>
</tags>
</User>
</data>
</ServiceResponse>
```

Current user count

Returns the total number of users in the API user's scope

URL: `https://<baseurl>/qps/rest/1.0/count/saq/user/`

Methods allowed: GET or POST

Input

The following input elements are optional and act as filters. When specified POST must be used. Multiple filters are combined using a logical AND.

Optional	Allowed Operators
id (Integer)	EQUALS, IN
uuid (Integer)	EQUALS
firstName (Text)	CONTAINS, EQUALS
lastName (Text)	CONTAINS, EQUALS
company (Text)	CONTAINS, EQUALS
title (Text)	CONTAINS, EQUALS
emailAddress (Text)	CONTAINS, EQUALS
userName (Text)	CONTAINS, EQUALS
tags.tag.id (Integer)	EQUALS, IN
tags.tag.name (Text)	CONTAINS, EQUALS

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" permission

Output includes users within the API user's scope

Example user count

Request:

```
curl -u "USERNAME:PASSWORD" -X "GET"
"https://qualysapi.qualys.com/qps/rest/1.0/count/saq/user"
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/user.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>28</count>
</ServiceResponse>
```

Example user count with filters

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"  
--data-binary @-  
"https://qualysapi.qualys.com/qps/rest/1.0/count/saq/user" <  
file.xml
```

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceRequest>  
  <filters>  
    <Criteria field="company"  
operator="CONTAINS">abc</Criteria>  
  </filters>  
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd  
/1.0/saq/user.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>5</count>  
</ServiceResponse>
```

Search users

Search users in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/search/saq/user/`

Methods allowed: POST

Input

The following input elements are optional and act as filters. When multiple elements are specified, parameters are combined using a logical AND.

Optional	Allowed Operators
id (Integer)	EQUALS, IN
uuid (Integer)	EQUALS
firstName (Text)	CONTAINS, EQUALS
lastName (Text)	CONTAINS, EQUALS
company (Text)	CONTAINS, EQUALS
title (Text)	CONTAINS, EQUALS
emailAddress (Text)	CONTAINS, EQUALS
userName (Text)	CONTAINS, EQUALS
tags.tag.id (Integer)	EQUALS, IN
tags.tag.name (Text)	CONTAINS, EQUALS

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" permission

Output includes users within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"http://qualysapi.qualys.com/qps/rest/1.0/search/saq/user" <
file.xml
```

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <filters>
    <Criteria field="id" operator="EQUALS">400591</Criteria>
  </filters>
```

```
</ServiceRequest>
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/raq/user.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <User>
      <id>400591</id>
      <uuid>2277d4ff-9068-44f2-97d0-ccf35cfa1679</uuid>
      <firstName>user</firstName>
      <lastName>q</lastName>
      <company>abc</company>
      <emailAddress>user@abc.com</emailAddress>
      <title>dev</title>
      <tags>
        <Tag>
          <id>7513412</id>
          <name>Malware Domain Assets</name>
        </Tag>
        <Tag>
          <id>7533412</id>
          <name>fadi's tag</name>
        </Tag>
        <Tag>
          <id>7508422</id>
          <name>Business Units</name>
        </Tag>
        <Tag>
          <id>7520414</id>
          <name>test2</name>
        </Tag>
        <Tag>
          <id>7546412</id>
          <name>Passive Scanning</name>
        </Tag>
        <Tag>
          <id>7553612</id>
          <name>tag1</name>
        </Tag>
      </tags>
    </User>
  </data>
</ServiceResponse>
```

```
        <Tag>
          <id>7553812</id>
          <name>tag2</name>
        </Tag>
      </tags>
    </User>
  </data>
</ServiceResponse>
```

Create user

Add a new user to the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/create/saq/user/`

Methods allowed: POST

Input

Allowed input elements are listed below

Required for create request	Allowed operators
firstName (Text)	CONTAINS, EQUALS, NOT EQUALS
lastName (Text)	CONTAINS, EQUALS, NOT EQUALS
company (Text)	CONTAINS, EQUALS, NOT EQUALS
emailAddress (Text)	CONTAINS, EQUALS, NOT EQUALS
Optional Elements	
title (Text)	CONTAINS, EQUALS, NOT EQUALS
tags (List)	
tags.tag.id (Integer)	CONTAINS, EQUALS, NOT EQUALS
tags.tag.name (Text)	EQUALS, NOT EQUALS

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" permission

Example to create a user

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"http://qualysapi.qualys.com/qps/rest/1.0/create/saq/user" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <User>
      <firstName>user</firstName>
      <lastName>user</lastName>
      <company>abc</company>
```



```
        <emailAddress>user@abc.com</emailAddress>
    </User>
</data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/faq/user.xsd">
    <responseCode>SUCCESS</responseCode>
    <count>1</count>
    <data>
        <User>
            <id>401990</id>
            <uuid>734d9b3d-d246-4bb6-a028-5a390b47eb2a</uuid>
            <firstName>user</firstName>
            <lastName>user</lastName>
            <company>qualys</company>
            <emailAddress>user@abc.com</emailAddress>
        </User>
    </data>
</ServiceResponse>
```

Example to create multiple users

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"http://qualysapi.qualys.com/qps/rest/1.0/create/faq/user" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
    <data>
        <User>
            <firstName>abc-user</firstName>
            <lastName>xyz-user</lastName>
            <company>abc</company>
            <emailAddress>user@abc.com</emailAddress>
        </User>
        <User>
```

```
        <firstName>User</firstName>
        <lastName>pqr</lastName>
        <company>abc</company>
        <emailAddress>user2@abc.com</emailAddress>
    </User>
</data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/user.xsd">
    <responseCode>SUCCESS</responseCode>
    <count>2</count>
    <data>
        <User>
            <id>404591</id>
            <uuid>328ea575-fc9d-4562-aa28-c97e7ba5482f</uuid>
            <firstName>abc-user</firstName>
            <lastName>xyz-user</lastName>
            <company>abc</company>
            <emailAddress>user@abc.com</emailAddress>
            <userName>user</userName>
        </User>
        <User>
            <id>404592</id>
            <uuid>4f6c65b6-e877-43fe-9b45-50993235f60e</uuid>
            <firstName>User</firstName>
            <lastName>pqr</lastName>
            <company>abc</company>
            <emailAddress>user2@abc.com</emailAddress>
            <userName>user2</userName>
        </User>
    </data>
</ServiceResponse>
```

Update user

Update a user in the API user's scope

URL: `https://<baseurl>/qps/rest/1.0/update/saq/user/<id>`

Methods allowed: POST

Input

The "id" (Long) element is required to identify the user of interest. Other elements are optional.

Required for create request	Allowed operators
firstName (Text)	CONTAINS, EQUALS, NOT EQUALS
lastName (Text)	CONTAINS, EQUALS, NOT EQUALS
company (Text)	CONTAINS, EQUALS, NOT EQUALS
emailAddress (Text)	CONTAINS, EQUALS, NOT EQUALS
title (Text)	CONTAINS, EQUALS, NOT EQUALS
tags (List)	
Optional Elements	
userName (Text)	CONTAINS, EQUALS, NOT EQUALS
id (integer)	CONTAINS, EQUALS, NOT EQUALS
uuid (integer)	CONTAINS, EQUALS, NOT EQUALS
tags.tag.id (integer)	CONTAINS, EQUALS, NOT EQUALS
tags.tag.name (Text)	EQUALS, NOT EQUALS

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" permission

User must be within API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/update/saq/user/387600"
< file.xml
```

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

Request POST Data:

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

```
<data>
  <User>
    <id>387600</id>
    <firstName>user</firstName>
    <lastName>user</lastName>
    <company>abc</company>
    <emailAddress>user@abc.com</emailAddress>
  </User>
</data>
</ServiceRequest>
```

Response

```
?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/faq/user.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <User>
      <id>387600</id>
      <uuid>c54c47ef-57f6-42c8-bdd4-411c5f252234</uuid>
      <firstName>user1</firstName>
      <lastName>user11</lastName>
      <company>abc</company>
      <emailAddress>user1@abc.com</emailAddress>
    </User>
  </data>
</ServiceResponse>
```

Update users (bulk)

Update multiple users in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/update/saq/user/`

Methods allowed: POST

Input

The following input elements are optional and act as filters. When multiple elements are specified, parameters are combined using a logical AND.

Optional	Allowed Operators
id (Integer)	EQUALS, IN
uuid (Integer)	EQUALS
firstName (Text)	CONTAINS, EQUALS
lastName (Text)	CONTAINS, EQUALS
company (Text)	CONTAINS, EQUALS
title (Text)	CONTAINS, EQUALS
emailAddress (Text)	CONTAINS, EQUALS
userName (Text)	CONTAINS, EQUALS
tags.tag.id (Integer)	EQUALS, IN
tags.tag.name (Text)	CONTAINS, EQUALS

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" permission

User must be within API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/update/saq/user" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <filters>
    <Criteria field="id" operator="EQUALS">403390</Criteria>
```

```
</filters>
<data>
  <User>
    <lastName>user-api-renamed</lastName>
  </User>
</data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/user.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <User>
      <id>403390</id>
      <uuid>b472f092-fed9-4b0d-8e08-98490e8f0726</uuid>
      <firstName>api-user-renamed</firstName>
      <lastName>user-api-renamed</lastName>
      <company>abc-renamed</company>
      <emailAddress>user@qualys.com</emailAddress>
      <userName>api-user.api-user@abc</userName>
    </User>
  </data>
</ServiceResponse>
```

Delete user

Delete a user in API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/delete/saq/user/<id>`

Methods allowed: POST

Input

The "id" (Long) element is required.

Permissions

User must have the SAQ module enabled

User must have "API ACCESS" permission

User must be within API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X "GET" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/1.0/delete/saq/user/401990
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/user.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <User>
      <id>401990</id>
    </User>
  </data>
</ServiceResponse>
```

Delete users (bulk)

Delete multiple users in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/delete/saq/user/`

Methods allowed: POST

Input

The following input elements are optional and act as filters. When multiple elements are specified, parameters are combined using a logical AND.

Optional	Allowed Operators
id (Integer)	EQUALS, IN
uuid (Integer)	EQUALS
firstName (Text)	CONTAINS, EQUALS
lastName (Text)	CONTAINS, EQUALS
company (Text)	CONTAINS, EQUALS
title (Text)	CONTAINS, EQUALS
emailAddress (Text)	CONTAINS, EQUALS
userName (Text)	CONTAINS, EQUALS
tags.tag.id (Integer)	EQUALS, IN
tags.tag.name (Text)	CONTAINS, EQUALS

Permissions

User must have the SAQ module enabled
User must have "API ACCESS" permission
User must be within API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/delete/saq/user" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" ?>
<ServiceRequest>
  <filters>
    <Criteria field="userName" operator="EQUALS">api-user.api-
```



```
user@abc</Criteria>
  </filters>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/faq/user.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <User>
      <id>403190</id>
    </User>
  </data>
</ServiceResponse>
```

Chapter 3 - SAQ Template API

Use these API functions to manage SAQ Templates.

[Get library template details](#)

[Current library template count](#)

[Search library templates](#)

[Get template details](#)

[Current template count](#)

[Search templates](#)

[Create template from the library](#)

[Create new template](#)

[Create new version of an existing template](#)

[Publish template](#)

[Delete template](#)

[Update a template \(bulk\)](#)

[Delete template](#)

[Delete templates \(bulk\)](#)

Get library template details

Returns details for a library template in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/get/saq/librarytemplate/<id>`

Methods allowed: GET

Input

The element "id" (Integer) is required, where "id" identifies a library template of interest.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" and "Access SAQ module" permissions

Output includes templates within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X GET  
https://qualysapi.qualys.com/qps/rest/1.0/get/saq/librarytemplate/  
42768
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd  
/1.0/saq/librarytemplate.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <LibraryTemplate>  
      <id>42768</id>  
      <uuid>1d97e61e-4631-4821-be10-087e408fa26f</uuid>  
      <name>New UCF (42 questions)</name>  
      <familyId>ea775ac2-b738-46dc-8c04-  
a2a81af04d7c</familyId>  
      <revision>1</revision>  
      <isLibrary>true</isLibrary>  
      <questionCnt>42</questionCnt>  
      <state>PUBLISHED</state>  
      <elements>  
        <sections>  
          <list>  
            <Section>
```

```
<name>1 Detective</name>
<sections/>
<questions>
  <list>
    <Question>
      <label>1.1</label>
      <text>&lt;span
style=&quot;font-family: Arial;&quot;&gt;Examine the &lt;/span&gt;
&lt;span style=&quot;font-family: Arial;font-style:
italic;&quot;&gt;Monitoring and Logging operations&lt;/span&gt;
&lt;span style=&quot;font-family: Arial;&quot;&gt; checklist. Is
the control entitled &lt;/span&gt;
&lt;span style=&quot;font-family: Arial;text-decoration:
underline;&quot;&gt;Review audit logs, Intrusion Detection System
reports, security incident tracking reports, and other security
logs regularly&lt;/span&gt;
&lt;span style=&quot;font-family: Arial;&quot;&gt; [UCF CE ID
00596] included in it?&lt;/span&gt;</text>
      <type>booleanQuestion</type>
      <mode>BUTTON</mode>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
    </Question>
    ...
  </list>
</questions>
</Section>
<Section>
  <name>2 Preventive</name>
  <sections/>
  <questions>
    <list>
      <Question>
        <label>2.1</label>
        <text>&lt;span
style=&quot;font-family: Arial;&quot;&gt;Examine the control
entitled &lt;/span&gt;
```

```
<span style="font-family: Arial;text-decoration:
underline">Establish and maintain a security testing
policy</span>

<span style="font-family: Arial;"> [UCF CE ID
00654] in the </span>

<span style="font-family: Arial;font-style:
italic;">Information Security Testing, Assessment, and
Vulnerability Management</span>

<span style="font-family: Arial;"> procedure. Does
this verify the procedure contains procedures for running internal
and external vulnerability scans?</span></text>
      <type>booleanQuestion</type>
      <mode>BUTTON</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
      </Question>
      ...
</list>
      </questions>
</Section>
<Section>
  <name>3 Corrective</name>
  <sections/>
  <questions>
    <list>
      <Question>
        <label>3.1</label>
        <text><span
style="font-family: Arial;">Examine the sample of
</span>

<span style="font-family: Arial;font-style:
italic;">Audit Examination Findings with associated action
plans records</span>

<span style="font-family: Arial;"> in the
</span>

<span style="font-family: Arial;font-style:
italic;">Internal Operational Audit - Information
```

```
Technology</span>;

</span style="font-family: Arial;"> record
category. Do they correlate with the control entitled
</span>;

</span style="font-family: Arial;text-decoration:
underline;">Document and communicate a corrective action
plan based on the risk assessment findings</span>;

</span style="font-family: Arial;"> [UCF CE ID
00705] in the </span>;

</span style="font-family: Arial;font-style:
italic;">IT Governance Risk Assessment</span>;

</span style="font-family: Arial;">
plan?</span></text>
                    <type>booleanQuestion</type>
                    <mode>BUTTON</mode>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>
                    </Question>
                    ...
                    </list>
                    </questions>
                </Section>
            </list>
        </sections>
    </questions/>
</elements>
</LibraryTemplate>
</data>
</ServiceResponse>
```

Current library template count

Returns the total number of library templates in the API user's scope

URL: `https://<baseurl>/qps/rest/1.0/count/saq/librarytemplate/`

Methods allowed: GET or POST

Input

The following input elements are optional and act as filters. When specified POST must be used. Multiple filters are combined using a logical AND.

Optional	Allowed Operators
id (Integer)	EQUALS, IN
uuid (Integer)	EQUALS
name (Text)	CONTAINS, EQUALS
description (Text)	CONTAINS, EQUALS
category (Text)	CONTAINS, EQUALS
familyId (Integer)	EQUALS
revision (Integer)	EQUALS, IN
isLibrary (Boolean)	EQUALS
questionCnt (Integer)	EQUALS, IN
state (Text i.e. published, draft)	EQUALS, IN

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" and "Access SAQ module" permissions

Output includes templates within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/count/saq/librarytempla
te"
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/librarytemplate.xsd">
```

```
<responseCode>SUCCESS</responseCode>  
<count>17</count>  
</ServiceResponse>
```


Search library templates

Search library templates in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/search/saq/librarytemplate/`

Methods allowed: POST

Input

Allowed input elements are listed below. These elements are optional and act as filters. When multiple elements are specified, parameters are combined using a logical AND.

Optional	Allowed Operators
id (Long)	EQUALS, IN
uuid (String)	EQUALS
name (String)	CONTAINS, EQUALS,
description (String)	CONTAINS, EQUALS
category (String)	CONTAINS, EQUALS
familyId (String)	EQUALS
revision (Long)	EQUALS, IN
isLibrary (Boolean)	EQUALS
questionCnt (Long)	EQUALS, IN
state (String)	EQUALS, IN

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have "API ACCESS" and "Access SAQ module" permissions
Output includes templates within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/search/saq/librarytempl
ate" < file.xml
```

Request POST Data:

```
<ServiceRequest>
  <filters>
    <Criteria field="name" operator="CONTAINS">Vendor Risk
Assessment</Criteria> </filters>
</ServiceRequest>
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/librarytemplate.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <LibraryTemplate>
      <id>10030</id>
      <uuid>9fc12d51-0dbb-416c-933c-9762831f8af7</uuid>
      <name>Vendor Risk Assessment</name>
      <description>Vendor Risk Assessment Questionnaire
template provides a standard approach to all High Risk
Vendors</description>
      <familyId>f431d2ba-462c-4d14-a8de-
5ee2c4c770ce</familyId>
      <revision>1</revision>
      <isLibrary>>true</isLibrary>
      <questionCnt>288</questionCnt>
      <state>RETIRED</state>
    </LibraryTemplate>
  </data>
</ServiceResponse>
```

Get template details

Returns details for a template in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/get/saq/template/<id>`

Methods allowed: GET

Input

The element "id" (Integer) is required, where "id" identifies a template of interest.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" and "Access SAQ module" permissions

Output includes templates within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X GET  
https://qualysapi.qualys.com/qps/rest/1.0/get/saq/template/82969
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd  
/1.0/saq/template.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <Template>  
      <id>82969</id>  
      <uuid>5d9e0a22-14ff-4961-b0f0-a663c3b7f2f3</uuid>  
      <name>template-from-api-with-scoring</name>  
      <description>template containing scoring fields created  
from the api</description>  
      <familyId>75120987-737d-4157-9b3f-  
d0c2229d8c1d</familyId>  
      <revision>1</revision>  
      <isLibrary>>false</isLibrary>  
      <questionCnt>5</questionCnt>  
      <state>DRAFT</state>  
      <elements>  
        <sections>  
          <list>  
            <Section>
```

```

        <name>section 1</name>
        <description>section 1
description</description>
        <questions>
            <list>
                <Question>
                    <label>0</label>
                    <text>Question 0</text>
                    <type>booleanQuestion</type>
                    <mode>BUTTON</mode>

<criticality>CRITICAL</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

<yesScoringLabel>HIGH</yesScoringLabel>

<noScoringLabel>MEDIUM</noScoringLabel>
                </Question>
                <Question>
                    <label>1</label>
                    <text>QUESTION 1</text>
                    <type>booleanQuestion</type>
                    <mode>BUTTON</mode>

<criticality>CRITICAL</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

<yesScoringLabel>HIGH</yesScoringLabel>

<noScoringLabel>MEDIUM</noScoringLabel>
            </Question>
        </list>
    </questions>
</Section>
<Section>
    <name>section 2</name>
```

```
description</description>
    <description>section 2
description</description>
    <questions>
        <list>
            <Question>
                <label>3</label>
                <text>QUESTION 3</text>
            </Question>
        </list>
    </questions>
    <type>multipleChoiceQuestion</type>
    <mode>MULTI_SELECT</mode>
    <criticality>INFO</criticality>
    <requireAttachment>false</requireAttachment>
    <requireComment>false</requireComment>
    <requireAsset>false</requireAsset>
    <answers>
        <list>
            <Answer>
                <title>a</title>
                <value>0</value>
            </Answer>
            <Answer>
                <title>b</title>
                <value>1</value>
            </Answer>
            <Answer>
                <title>c</title>
                <value>2</value>
            </Answer>
        </list>
    </answers>
    <scoringLabel>LOW</scoringLabel>
    <requireAttachment>false</requireAttachment>
    <requireComment>false</requireComment>
    <requireAsset>false</requireAsset>
    <scoringLabel>MEDIUM</scoringLabel>
    <requireAttachment>false</requireAttachment>
    <requireComment>false</requireComment>
    <requireAsset>false</requireAsset>
```

```
<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                </Answer>
                                </list>
                                </answers>
                                </Question>
                                </list>
                                </questions>
                                </Section>
                                </list>
                                </sections>
</elements>
<scorings>
  <list>
    <Scoring>
      <label>LOW</label>
      <value>0</value>
    </Scoring>
    <Scoring>
      <label>MEDIUM</label>
      <value>50</value>
    </Scoring>
    <Scoring>
      <label>HIGH</label>
      <value>100</value>
    </Scoring>
  </list>
</scorings>
</Template>
</data>
</ServiceResponse>
```

Current template count

Returns the total number of templates in the API user's scope

URL: `https://<baseurl>/qps/rest/1.0/count/saq/template/`

Methods allowed: GET or POST

Input

The following input elements are optional and act as filters. When specified POST must be used. Multiple filters are combined using a logical AND.

Optional	Allowed Operators
id (Long)	EQUALS, IN
uuid (String)	EQUALS
name (String)	CONTAINS, EQUALS,
description (String)	CONTAINS, EQUALS
category (String)	CONTAINS, EQUALS
familyId (String)	EQUALS
revision (Long)	EQUALS, IN
isLibrary (Boolean)	EQUALS
questionCnt (Long)	EQUALS, IN
state (String)	EQUALS, IN

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled

User must have "API ACCESS" and "Access SAQ module" permissions

Output includes templates within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/count/saq/template"
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>85</count>
</ServiceResponse>
```

Search templates

Search templates in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/search/saq/template/`

Methods allowed: POST

Input

Allowed input elements are listed below. These elements are optional and act as filters. When multiple elements are specified, parameters are combined using a logical AND.

Optional	Allowed Operators
id (Long)	EQUALS, IN
uuid (String)	EQUALS
name (String)	CONTAINS, EQUALS,
description (String)	CONTAINS, EQUALS
category (String)	CONTAINS, EQUALS
familyId (String)	EQUALS
revision (Long)	EQUALS, IN
isLibrary (Boolean)	EQUALS
questionCnt (Long)	EQUALS, IN
state (String)	EQUALS, IN

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
 User must have "API ACCESS" and "Access SAQ module" permissions
 Output includes templates within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/search/saq/template" <
file.xml
```

Request POST Data:

```
<ServiceRequest>
  <filters>
    <Criteria field="questionCnt"
      operator="EQUALS">5</Criteria>
    <Criteria field="state" operator="EQUALS">DRAFT</Criteria>
    <Criteria field="name"
      operator="CONTAINS">scoring</Criteria>
  </filters>
</ServiceRequest>
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <Template>
      <id>82969</id>
      <uuid>5d9e0a22-14ff-4961-b0f0-a663c3b7f2f3</uuid>
      <name>template-from-api-with-scoring</name>
      <description>template containing scoring fields created
from the api</description>
      <familyId>75120987-737d-4157-9b3f-
d0c2229d8c1d</familyId>
      <revision>1</revision>
      <isLibrary>>false</isLibrary>
      <questionCnt>5</questionCnt>
      <state>DRAFT</state>
      <elements>
        <sections>
          <list>
            <Section>
              <name>section 1</name>
```

```
description</description>
    <description>section 1
    <sections/>
    <questions>
        <list>
            <Question>
                <label>0</label>
                <text>Question 0</text>
                <type>booleanQuestion</type>
                <mode>BUTTON</mode>

<criticality>CRITICAL</criticality>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>

<yesScoringLabel>HIGH</yesScoringLabel>

<noScoringLabel>MEDIUM</noScoringLabel>
            </Question>
            <Question>
                <label>1</label>
                <text>QUESTION 1</text>
                <type>booleanQuestion</type>
                <mode>BUTTON</mode>

<criticality>CRITICAL</criticality>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>

<yesScoringLabel>HIGH</yesScoringLabel>

<noScoringLabel>MEDIUM</noScoringLabel>
            </Question>
            <Question>
                <label>2</label>
                <text>QUESTION 2</text>

<type>multipleChoiceQuestion</type>
                <mode>MULTI_SELECT</mode>
```

```
<criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                <answers>
                                  <list>
                                    <Answer>
                                      <title>choice
0</title>
                                      <value>0</value>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                    </Answer>
                                    <Answer>
                                      <title>choice
1</title>
                                      <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                    </Answer>
                                    <Answer>
                                      <title>choice
2</title>
                                      <value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                    </Answer>
```

```

        </list>
      </answers>
    </Question>
  </list>
</questions>
</Section>
<Section>
  <name>section 2</name>
  <description>section 2
description</description>
  <sections/>
  <questions>
    <list>
      <Question>
        <label>3</label>
        <text>QUESTION 3</text>

<type>multipleChoiceQuestion</type>
        <mode>MULTI_SELECT</mode>

<criticality>INFO</criticality>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>
      <answers>
        <list>
          <Answer>
            <title>a</title>
            <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>
          </Answer>
          <Answer>
            <title>b</title>
            <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

```

```
<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

</Answer>
<Answer>
  <title>c</title>
  <value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

</Answer>
</list>
</answers>
</Question>
</list>
</questions>
</Section>
</list>
</sections>
<questions>
  <list>
    <Question>
      <label>4</label>
      <text>QUESTION 4</text>
      <type>booleanQuestion</type>
      <mode>BUTTON</mode>
      <criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>
  <requireComment>>false</requireComment>
  <requireAsset>>false</requireAsset>

<yesScoringLabel>MEDIUM</yesScoringLabel>
  <noScoringLabel>LOW</noScoringLabel>
  </Question>
  </list>
</questions>
</elements>
```

```
<scorings>
  <list>
    <Scoring>
      <label>LOW</label>
      <value>0</value>
    </Scoring>
    <Scoring>
      <label>MEDIUM</label>
      <value>50</value>
    </Scoring>
    <Scoring>
      <label>HIGH</label>
      <value>100</value>
    </Scoring>
  </list>
</scorings>
</Template>
</data>
</ServiceResponse>
```

Create template from the library

Create a new template form an existing library template.

URL: `https://<baseurl>/qps/rest/1.0/createfromlibrary/saq/template/`

Methods allowed: POST

Input

The “id” element is the library template ID you’ll use to create a new template, and is provided as request POST data

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have “API ACCESS”, “Access SAQ module”, “Questionnaire Invite” and “Questionnaire Template Create” permissions

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/createfromlibrary/saq/t
emplate/" < file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <Template>
      <id>42768</id> <!-- the ID of the Library Template-->
    </Template>
  </data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <Template>
```

```
<id>102168</id>
<uuid>61bf3412-fa27-4693-9a6b-12e5ce7d9d4a</uuid>
<name>Copy of New UCF (42 questions)</name>
<familyId>52ffcc68-54ef-4499-a7b8-
ff1385f9d488</familyId>
<revision>1</revision>
<isLibrary>>false</isLibrary>
<questionCnt>42</questionCnt>
<state>DRAFT</state>
<elements>
  <sections>
    <list>
      <Section>
        <name>1 Detective</name>
        <sections/>
        <questions>
          <list>
            <Question>
              <label>1.1</label>
              <text>&lt;span
style=&quot;font-family: Arial;&quot;&gt;Examine the &lt;/span&gt;
&lt;span style=&quot;font-family: Arial;font-style:
italic;&quot;&gt;Monitoring and Logging operations&lt;/span&gt;
&lt;span style=&quot;font-family: Arial;&quot;&gt; checklist. Is
the control entitled &lt;/span&gt;
&lt;span style=&quot;font-family: Arial;text-decoration:
underline;&quot;&gt;Review audit logs, Intrusion Detection System
reports, security incident tracking reports, and other security
logs regularly&lt;/span&gt;
&lt;span style=&quot;font-family: Arial;&quot;&gt; [UCF CE ID
00596] included in it?&lt;/span&gt;</text>
              <type>booleanQuestion</type>
              <mode>BUTTON</mode>
            </Question>
          </list>
        </questions>
      </Section>
    </list>
  </sections>
</elements>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
</Question>
<Question>
  <label>1.2</label>
```



```

                                <text>&lt;span
style=&quot;font-family: Arial;&quot;&gt;Interview a sample of
people in the role of &lt;/span&gt;

&lt;span style=&quot;font-family: Arial;font-style:
italic;&quot;&gt;Perform Security Administration&lt;/span&gt;

&lt;span style=&quot;font-family: Arial;&quot;&gt; about the
control entitled &lt;/span&gt;

&lt;span style=&quot;font-family: Arial;text-decoration:
underline;&quot;&gt;Review audit logs, Intrusion Detection System
reports, security incident tracking reports, and other security
logs regularly&lt;/span&gt;

&lt;span style=&quot;font-family: Arial;&quot;&gt; [UCF CE ID
00596]. Does this verify log reviews are performed for all system
components?&lt;/span&gt;</text>
                                <type>booleanQuestion</type>
                                <mode>BUTTON</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                </Question>
                                <Question>
                                    <label>1.3</label>
                                    <text>&lt;span
style=&quot;font-family: Arial;&quot;&gt;Examine the sample of
&lt;/span&gt;

&lt;span style=&quot;font-family: Arial;font-style:
italic;&quot;&gt;Hosting Service Provider Security Standards
records&lt;/span&gt;

&lt;span style=&quot;font-family: Arial;&quot;&gt; associated with
the control entitled &lt;/span&gt;

&lt;span style=&quot;font-family: Arial;text-decoration:
underline;&quot;&gt;Review audit logs, Intrusion Detection System
reports, security incident tracking reports, and other security
logs regularly&lt;/span&gt;

&lt;span style=&quot;font-family: Arial;&quot;&gt; [UCF CE ID
00596] in the &lt;/span&gt;
```

```
<span style="font-family: Arial;font-style:
italic;">Monitoring and Logging operations</span>

<span style="font-family: Arial;"> checklist. Does
this verify that viewing of log entries is restricted to the
owning entity?</span></text>
                                <type>booleanQuestion</type>
                                <mode>BUTTON</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                </Question>
                                <Question>
                                    <label>1.4</label>
                                    <text><span
style="font-family: Arial;">Examine the sample of
</span>

<span style="font-family: Arial;font-style:
italic;">Audit Logs records</span>

<span style="font-family: Arial;"> associated with
the control entitled </span>

<span style="font-family: Arial;text-decoration:
underline;">Review audit logs, Intrusion Detection System
reports, security incident tracking reports, and other security
logs regularly</span>

<span style="font-family: Arial;"> [UCF CE ID
00596] in the </span>

...
</Section>
                                </list>
                                </sections>
                                <questions/>
                                </elements>
                                </Template>
                                </data>
</ServiceResponse>
```

Create new template

Create a new template.

URL: `https://<baseurl>/qps/rest/1.0/create/saq/template/`

Methods allowed: POST

Input

See [Reference: Template](#) for descriptions of supported elements.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have "API ACCESS", "Access SAQ module", "Questionnaire Invite" and "Questionnaire Template Create" permissions

Example to create a template

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/create/saq/template" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <Template>
      <name>template-using-api</name>
      <description>template using api</description>
      <elements>
        <sections>
          <list>
            <Section>
              <name>section 1</name>
              <description>section 1
description</description>
              <questions>
                <list>
                  <Question>
                    <type>textQuestion</type>
                    <mode>SIDE_BY_SIDE</mode>

<requireAttachment>>false</requireAttachment>
```

```
<requireComment>>false</requireComment>
  <requireAsset>>false</requireAsset>
  <text>text question</text>
  <label>0</label>
</Question>
<Question>
  <type>textQuestion</type>
  <mode>SIDE_BY_SIDE</mode>

<requireAttachment>>false</requireAttachment>
  <requireComment>>false</requireComment>
  <requireAsset>>false</requireAsset>
  <text>formatted question</text>
  <label>1</label>
</Question>
<Question>
  <type>multipleChoiceQuestion</type>
  <mode>COMPACT</mode>

<requireAttachment>>false</requireAttachment>
  <requireComment>>false</requireComment>
  <requireAsset>>false</requireAsset>
  <text>drop down question</text>
  <label>2</label>
  <answers>
    <list>
      <Answer>
        <title>a</title>
        <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
  </Answer>
  <Answer>
    <title>b</title>
    <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>
```

```
<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Answer>
    <Answer>
        <title>c</title>
        <value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Answer>
    </list>
    </answers>
</Question>
<Question>
    <type>booleanQuestion</type>
    <mode>BUTTON</mode>

<requireAttachment>>false</requireAttachment>
    <requireComment>>false</requireComment>
    <requireAsset>>false</requireAsset>
    <text>boolean question</text>
    <label>3</label>
    <criticality>INFO</criticality>

<yesScoringLabel>MEDIUM</yesScoringLabel>
    <noScoringLabel>LOW</noScoringLabel>
</Question>
<Question>
    <type>multipleChoiceQuestion</type>
    <mode>MULTI_SELECT</mode>
    <criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>
    <requireComment>>false</requireComment>
    <requireAsset>>false</requireAsset>
    <text>multiselect question</text>
    <label>4</label>
    <answers>
        <list>
            <Answer>
```

```

                <title>1</title>
                <value>1</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                </Answer>
                <Answer>
                    <title>2</title>
                    <value>2</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                </Answer>
                <Answer>
                    <title>3</title>
                    <value>3</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                </Answer>
            </list>
        </answers>
    </Question>
    <Question>
        <type>multipleChoiceQuestion</type>
        <mode>EXPANDED</mode>

<requireAttachment>>false</requireAttachment>
                <requireComment>>false</requireComment>
                <requireAsset>>false</requireAsset>
                <text>single select question</text>

```

```
        <label>5</label>
        <answers>
          <list>
            <Answer>
              <title>a</title>
              <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
              </Answer>
            <Answer>
              <title>b</title>
              <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
              </Answer>
            <Answer>
              <title>c</title>
              <value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
              </Answer>
          </list>
        </answers>
      </Question>
      <Question>
        <type>dateQuestion</type>

<requireAttachment>>false</requireAttachment>
```

```
        <requireComment>>false</requireComment>
        <requireAsset>>false</requireAsset>
        <text>date question</text>
        <label>6</label>
    </Question>
    <Question>
        <type>numericQuestion</type>
</requireAttachment>false</requireAttachment>
        <requireComment>>false</requireComment>
        <requireAsset>>false</requireAsset>
        <text>numeric question</text>
        <label>7</label>
    </Question>
</list>
</questions>
</Section>
<Section>
    <name>Section 2</name>
    <description>Section 2description</description>
    <questions>
        <list>
            <Question>
                <type>numericQuestion</type>
</requireAttachment>false</requireAttachment>
        <requireComment>>false</requireComment>
        <requireAsset>>false</requireAsset>
        <text>Section 2 numeric question</text>
        <label>8</label>
    </Question>
</list>
</questions>
</Section>
</list>
</sections>
</elements>
<scorings>
    <list>
        <Scoring>
            <label>LOW</label>
            <value>0</value>
        </Scoring>
        <Scoring>
            <label>MEDIUM</label>
            <value>50</value>
```



```

        </Scoring>
        <Scoring>
            <label>HIGH</label>
            <value>100</value>
        </Scoring>
    </list>
</scorings>
</Template>
</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/xs
d/1.0/saq/template.xsd">
    <responseCode>SUCCESS</responseCode>
    <count>1</count>
    <data>
        <Template>
            <id>145601</id>
            <uuid>6b822c40-00e4-4c70-a8c2-1a8f2b296a1c</uuid>
            <name>template-using-api</name>
            <description>template using api</description>
            <familyId>b5bfc411-6c3f-40a6-b005-
66bc4741aad</familyId>
            <revision>1</revision>
            <isLibrary>>false</isLibrary>
            <questionCnt>9</questionCnt>
            <state>DRAFT</state>
            <elements>
                <sections>
                    <list>
                        <Section>
                            <name>section 1</name>
                            <description>section 1
description</description>
                            <sections/>
                            <questions>
                                <list>
                                    <Question>
                                        <label>0</label>
                                        <text>text question</text>
                                        <type>textQuestion</type>
                                        <mode>SIDE_BY_SIDE</mode>

```

```
<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Question>
    <Question>
        <label>1</label>
        <text>formatted
question</text>
        <type>textQuestion</type>
        <mode>SIDE_BY_SIDE</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Question>
    <Question>
        <label>2</label>
        <text>drop down
question</text>
    <type>multipleChoiceQuestion</type>
    <mode>COMPACT</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    <answers>
        <list>
            <Answer>
                <title>a</title>
                <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Answer>
```

```
<Answer>
  <title>b</title>
  <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

</Answer>
<Answer>
  <title>c</title>
  <value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

  </Answer>
</list>
</answers>
</Question>
<Question>
  <label>3</label>
  <text>boolean question</text>
  <type>booleanQuestion</type>
  <mode>BUTTON</mode>

<criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

<yesScoringLabel>MEDIUM</yesScoringLabel>

<noScoringLabel>LOW</noScoringLabel>

  </Question>
<Question>
  <label>4</label>
```

```
question</text>
<type>multipleChoiceQuestion</type>
<mode>MULTI_SELECT</mode>
<criticality>INFO</criticality>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
<answers>
  <list>
    <Answer>
      <title>1</title>
      <value>1</value>
    </Answer>
    <Answer>
      <title>2</title>
      <value>2</value>
    </Answer>
    <Answer>
      <title>3</title>
      <value>3</value>
    </Answer>
  </list>
</answers>
<scoringLabel>LOW</scoringLabel>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
<scoringLabel>MEDIUM</scoringLabel>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
<scoringLabel>HIGH</scoringLabel>
<requireAttachment>>false</requireAttachment>
```

```
<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                </Answer>
                                </list>
                                </answers>
                                </Question>
                                <Question>
                                  <label>5</label>
                                  <text>single select
question</text>

<type>multipleChoiceQuestion</type>
                                <mode>EXPANDED</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                <answers>
                                  <list>
                                    <Answer>
                                      <title>a</title>
                                      <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                </Answer>
                                <Answer>
                                  <title>b</title>
                                  <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                </Answer>
                                <Answer>
```

```
<title>c</title>
<value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                </Answer>
                                </list>
                                </answers>
</Question>
<Question>
    <label>6</label>
    <text>date question</text>
    <type>dateQuestion</type>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                </Question>
                                <Question>
                                    <label>7</label>
                                    <text>numeric question</text>
                                    <type>numericQuestion</type>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                </Question>
                                </list>
                                </questions>
</Section>
<Section>
    <name>Section 2</name>
    <description>Section
2description</description>
    <sections/>
    <questions>
        <list>
```

```

                    <Question>
                        <label>8</label>
                        <text>Section 2 numeric
question</text>
                    <type>numericQuestion</type>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                </Question>
            </list>
        </questions>
    </Section>
</list>
</sections>
<questions/>
</elements>
<scorings>
    <list>
        <Scoring>
            <label>LOW</label>
            <value>0</value>
        </Scoring>
        <Scoring>
            <label>MEDIUM</label>
            <value>50</value>
        </Scoring>
        <Scoring>
            <label>HIGH</label>
            <value>100</value>
        </Scoring>
    </list>
</scorings>
</Template>
</data>
</ServiceResponse>

```

Example to create multiple templates

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/create/saq/template" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <Template>
      <name> template-api-1-boolean-question</name>
      <description>template-api template-api-1-boolean-
question</description>
      <elements>
        <sections>
          <list>
            <Section>
              <name>section 1</name>
              <description>description section
1</description>
              <questions>
                <list>
                  <Question>
                    <label>boolean question label</label>
                    <text>boolean question text</text>
                    <type>booleanQuestion</type>
                    <answers>
                      <list>
                        <Answer>
                          <title>no</title>
                          <value>0</value>
                        </Answer>
                        <Answer>
                          <title>yes</title>
                          <value>1</value>
                        </Answer>
                      </list>
                    </answers>
                  </Question>
                </list>
              </questions>
            </Section>
```



```
                </list>
            </sections>
        </elements>
    </Template>
    <Template>
        <name> template-api-1-boolean-question 2</name>
        <description>template-api template-api-1-boolean-question
2</description>
        <elements>
            <sections>
                <list>
                    <Section>
                        <name>section 1</name>
                        <description>description section
1</description>
                        <questions>
                            <list>
                                <Question>
                                    <label>boolean question label
2</label>
                                    <text>boolean question text 2</text>
                                    <type>booleanQuestion</type>
                                    <answers>
                                        <list>
                                            <Answer>
                                                <title>no</title>
                                                <value>0</value>
                                            </Answer>
                                            <Answer>
                                                <title>yes</title>
                                                <value>1</value>
                                            </Answer>
                                        </list>
                                    </answers>
                                </Question>
                            </list>
                        </questions>
                    </Section>
                </list>
            </sections>
        </elements>
    </Template>
</data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>2</count>
  <data>
    <Template>
      <id>82971</id>
      <uuid>a25a405c-2ef5-40ab-b747-518d37057853</uuid>
      <name> template-api-1-boolean-question</name>
      <description>template-api template-api-1-boolean-
question</description>
      <familyId>948192e8-0fbd-4fca-bc50-
5412f6ee91ff</familyId>
      <revision>1</revision>
      <isLibrary>>false</isLibrary>
      <questionCnt>0</questionCnt>
      <state>DRAFT</state>
      <elements>
        <sections>
          <list>
            <Section>
              <name>section 1</name>
              <description>description section
1</description>
              <sections/>
              <questions>
                <list>
                  <Question>
                    <label>boolean question
label</label>
                    <text>boolean question
text</text>
                    <type>booleanQuestion</type>
                    <mode>BUTTON</mode>
                  </Question>
                </list>
              </questions>
            </Section>
          </list>
        </sections>
      </elements>
      <requireAttachment>>false</requireAttachment>
      <requireComment>>false</requireComment>
      <requireAsset>>false</requireAsset>
    </Template>
  </data>
</ServiceResponse>
```

```
        </questions>
      </Section>
    </list>
  </sections>
</questions/>
</elements>
</Template>
<Template>
  <id>82972</id>
  <uuid>1bb7ff3f-fba8-4825-8281-fff9cb0be016</uuid>
  <name> template-api-1-boolean-question 2</name>
  <description>template-api template-api-1-boolean-
question 2</description>
  <familyId>729c630e-2919-488a-b974-
41089df8ea7b</familyId>
  <revision>1</revision>
  <isLibrary>>false</isLibrary>
  <questionCnt>0</questionCnt>
  <state>DRAFT</state>
  <elements>
    <sections>
      <list>
        <Section>
          <name>section 1</name>
          <description>description section
1</description>
          <sections/>
          <questions>
            <list>
              <Question>
                <label>boolean question label
2</label>
                <text>boolean question text
2</text>
                <type>booleanQuestion</type>
                <mode>BUTTON</mode>
                <requireAttachment>>false</requireAttachment>
                <requireComment>>false</requireComment>
                <requireAsset>>false</requireAsset>
              </Question>
            </list>
          </questions>
        </Section>
```

```
        </list>  
      </sections>  
    </questions/>  
  </elements>  
</Template>  
</data>  
</ServiceResponse>
```

Update a template

Update a template.

URL: `https://<baseurl>/qps/rest/1.0/update/saq/template/<id>`

Methods allowed: POST

Input

The “id” element is required, other elements are optional. See [Reference: Template](#) for descriptions of supported elements.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have “API ACCESS”, “Access SAQ module”, “Questionnaire Invite” and “Questionnaire Template Create” permissions
Template must be within the API user’s scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/update/saq/template/82971" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <Template>
      <name>test-api-renamed</name>
    </Template>
  </data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
<responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
```

```

    <Template>
      <id>82971</id>
      <uuid>a25a405c-2ef5-40ab-b747-518d37057853</uuid>
      <name>test-api-renamed</name>
      <description>template-api template-api-1-boolean-
question</description>
      <familyId>948192e8-0fbd-4fca-bc50-
5412f6ee91ff</familyId>
      <revision>1</revision>
      <isLibrary>>false</isLibrary>
      <questionCnt>0</questionCnt>
      <state>DRAFT</state>
      <elements>
        <sections>
          <list>
            <Section>
              <name>section 1</name>
              <description>description section
1</description>
              <sections/>
              <questions>
                <list>
                  <Question>
                    <label>boolean question
label</label>
                    <text>boolean question
text</text>
                    <type>booleanQuestion</type>
                    <mode>BUTTON</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                  </Question>
                </list>
              </questions>
            </Section>
          </list>
        </sections>
      <questions/>
    </elements>
  </Template>
</data>
</ServiceResponse>

```

Update a template (bulk)

Update templates in bulk.

URL: `https://<baseurl>/qps/rest/1.0/update/saq/template/`

Methods allowed: POST

Input

See [Reference: Template](#) for descriptions of supported elements.

See [Search templates](#) for supported operators for various elements you can use to filter template you want to update.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have "API ACCESS", "Access SAQ module", "Questionnaire Invite" and "Questionnaire Template Create" permissions
Template must be within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"  
--data-binary @-  
"https://qualysapi.qualys.com/qps/rest/1.0/update/saq/template" < file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceRequest>  
  <filters>  
    <Criteria field="name" operator="EQUALS">template-using-  
api</Criteria>  
  </filters>  
  <data>  
    <Template>  
      <description>test-api</description>  
    </Template>  
  </data>  
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance"
```

```

xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
<responseCode>SUCCESS</responseCode>
  <count>2</count>
  <data>
    <Template>
      <id>86969</id>
      <uuid>5038cc3d-87a0-437a-8e74-293d8e77694f</uuid>
      <name>template-using-api</name>
      <description>test-api</description>
      <familyId>6f1b9410-7caf-4b4b-8a24-
00226abbc911</familyId>
      <revision>1</revision>
      <isLibrary>>false</isLibrary>
      <questionCnt>9</questionCnt>
      <state>RETIRED</state>
      <elements>
        <sections>
          <list>
            <Section>
              <name>section 1</name>
              <description>section 1
description</description>
              <sections/>
              <questions>
                <list>
                  <Question>
                    <label>0</label>
                    <text>text question</text>
                    <type>textQuestion</type>
                    <mode>SIDE_BY_SIDE</mode>
</requireAttachment>>false</requireAttachment>
</Question>
                  <Question>
                    <label>1</label>
                    <text>formatted
question</text>
                    <type>textQuestion</type>
                    <mode>FORMATTED</mode>
</Question>
                </list>
              </questions>
            </Section>
          </list>
        </sections>
      </elements>
    </Template>
  </data>
</responseCode>

```



```
<requireComment>>true</requireComment>

<requireAsset>>false</requireAsset>
    </Question>
    <Question>
        <label>2</label>
        <text>drop down
question</text>

<type>multipleChoiceQuestion</type>
    <mode>COMPACT</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    <answers>
        <list>
            <Answer>
                <title>x</title>
                <value>0</value>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Answer>
    <Answer>
        <title>y</title>
        <value>1</value>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
    </Answer>
    <Answer>
        <title>z</title>
        <value>2</value>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>
```

```
<requireAsset>>false</requireAsset>
                                </Answer>
                                </list>
                                </answers>
</Question>
<Question>
  <label>3</label>
  <text>boolean question</text>
  <type>booleanQuestion</type>
  <mode>BUTTON</mode>

<criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

<yesScoringLabel>MEDIUM</yesScoringLabel>

<noScoringLabel>LOW</noScoringLabel>
                                </Question>
                                <Question>
                                  <label>4</label>
                                  <text>multiselect
question</text>
                                <type>multipleChoiceQuestion</type>
                                <mode>MULTI_SELECT</mode>

<criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                <answers>
                                  <list>
                                    <Answer>
                                      <title>1</title>
                                      <value>1</value>

<scoringLabel>LOW</scoringLabel>
```

```
<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

</Answer>
<Answer>
  <title>2</title>
  <value>2</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

</Answer>
<Answer>
  <title>3</title>
  <value>3</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

</Answer>
</list>
</answers>
</Question>
<Question>
  <label>5</label>
  <text>single select
question</text>

<type>multipleChoiceQuestion</type>
<mode>RADIO_GROUP</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

<answers>
```

```
<list>
  <Answer>
    <title>a</title>
    <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

  </Answer>
  <Answer>
    <title>b</title>
    <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

  </Answer>
  <Answer>
    <title>c</title>
    <value>2</value>

<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

  </Answer>
</list>
</answers>
</Question>
<Question>
  <label>6</label>
  <text>date question</text>
  <type>dateQuestion</type>

<requireAttachment>>false</requireAttachment>
```

```
<requireComment>false</requireComment>

<requireAsset>false</requireAsset>
    </Question>
    <Question>
        <label>7</label>
        <text>numeric question</text>
        <type>numericQuestion</type>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>
    </Question>
    </list>
    </questions>
</Section>
<Section>
    <name>Section 2 </name>
    <description>Section 2 description
</description>
    <sections/>
    <questions>
        <list>
            <Question>
                <label>8</label>
                <text>Section 2 numeric
question</text>
                <type>numericQuestion</type>

<requireAttachment>false</requireAttachment>

<requireComment>false</requireComment>

<requireAsset>false</requireAsset>
    </Question>
    </list>
    </questions>
</Section>
</list>
</sections>
<questions/>
</elements>
<scorings>
```

```

    <list>
      <Scoring>
        <label>LOW</label>
        <value>0</value>
      </Scoring>
      <Scoring>
        <label>MEDIUM</label>
        <value>50</value>
      </Scoring>
      <Scoring>
        <label>HIGH</label>
        <value>100</value>
      </Scoring>
    </list>
  </scorings>
</Template>
<Template>
  <id>111768</id>
  <uuid>e0d11ebd-5334-4d37-9c15-0a362302f7d6</uuid>
  <name>template-using-api</name>
  <description>test-api</description>
  <familyId>578e6079-7754-4cbc-bcce-
974f1bea33bd</familyId>
  <revision>1</revision>
  <isLibrary>>false</isLibrary>
  <questionCnt>9</questionCnt>
  <state>DRAFT</state>
  <elements>
    <sections>
      <list>
        <Section>
          <name>section 1</name>
          <description>section 1
description</description>
        </Section>
      </list>
    </sections>
    <questions>
      <list>
        <Question>
          <label>0</label>
          <text>text question</text>
          <type>textQuestion</type>
          <mode>STACKED</mode>
        </Question>
      </list>
    </questions>
  </elements>
  <requireAttachment>>false</requireAttachment>
  <requireComment>>false</requireComment>

```

```
<requireAsset>>false</requireAsset>
</Question>
<Question>
  <label>1</label>
  <text>formatted
question</text>
  <type>textQuestion</type>
  <mode>FORMATTED</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
</Question>
<Question>
  <label>2</label>
  <text>drop down
question</text>
  <type>multipleChoiceQuestion</type>
  <mode>COMPACT</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
  <answers/>
</Question>
<Question>
  <label>3</label>
  <text>boolean question</text>
  <type>booleanQuestion</type>
  <mode>BUTTON</mode>

<criticality>INFO</criticality>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

<yesScoringLabel>MEDIUM</yesScoringLabel>
```

```
<noScoringLabel>LOW</noScoringLabel>
                                </Question>
                                <Question>
                                  <label>4</label>
                                  <text>multiselect
question</text>
<type>multipleChoiceQuestion</type>
                                <mode>MULTI_SELECT</mode>
<criticality>INFO</criticality>
<requireAttachment>false</requireAttachment>
<requireComment>false</requireComment>
<requireAsset>false</requireAsset>
                                <answers>
                                  <list>
                                    <Answer>
                                      <title>1</title>
                                      <value>1</value>
<scoringLabel>LOW</scoringLabel>
<requireAttachment>false</requireAttachment>
<requireComment>false</requireComment>
<requireAsset>false</requireAsset>
                                </Answer>
                                <Answer>
                                  <title>2</title>
                                  <value>2</value>
<scoringLabel>MEDIUM</scoringLabel>
<requireAttachment>false</requireAttachment>
<requireComment>false</requireComment>
<requireAsset>false</requireAsset>
                                </Answer>
                                <Answer>
                                  <title>3</title>
                                  <value>3</value>
```



```
<scoringLabel>HIGH</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>

                                </Answer>
                                </list>
                                </answers>
                                </Question>
                                <Question>
                                <label>5</label>
                                <text>single select
question</text>

<type>multipleChoiceQuestion</type>
                                <mode>EXPANDED</mode>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                <answers>
                                <list>
                                <Answer>
                                <title>a</title>
                                <value>0</value>

<scoringLabel>LOW</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>

<requireAsset>>false</requireAsset>
                                </Answer>
                                <Answer>
                                <title>b</title>
                                <value>1</value>

<scoringLabel>MEDIUM</scoringLabel>

<requireAttachment>>false</requireAttachment>

<requireComment>>false</requireComment>
```

```
<requireAsset>>false</requireAsset>
</Answer>
<Answer>
  <title>c</title>
  <value>2</value>
</Answer>
<scoringLabel>HIGH</scoringLabel>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
</Answer>
</list>
</answers>
</Question>
<Question>
  <label>6</label>
  <text>date question</text>
  <type>dateQuestion</type>
</Question>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
<dateRange>
  <start>2018-02-
21T00:00:00Z</start>
  <end>2018-02-
26T00:00:00Z</end>
</dateRange>
</Question>
<Question>
  <label>7</label>
  <text>numeric question</text>
  <type>numericQuestion</type>
</Question>
<requireAttachment>>false</requireAttachment>
<requireComment>>false</requireComment>
<requireAsset>>false</requireAsset>
</Question>
```

```

        </list>
      </questions>
    </Section>
    <Section>
      <name>Section 2 </name>
      <description>Section 2 description
</description>
      <sections/>
      <questions>
        <list>
          <Question>
            <label>8</label>
            <text>Section 2 numeric
question</text>
            <type>numericQuestion</type>
          </Question>
        </list>
      </questions>
    </Section>
  </list>
</sections>
<questions/>
</elements>
<scorings>
  <list>
    <Scoring>
      <label>LOW</label>
      <value>0</value>
    </Scoring>
    <Scoring>
      <label>MEDIUM</label>
      <value>50</value>
    </Scoring>
    <Scoring>
      <label>HIGH</label>
      <value>100</value>
    </Scoring>
  </list>
</scorings>
</Template>

```

```
</data>  
</ServiceResponse>
```

Create new version of an existing template

Create a new version of an existing template based on its ID.

URL: `https://<baseurl>/qps/rest/1.0/newversion/saq/template/<id>`

Methods allowed: POST

Input

The "id" (Long) element is required.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have "API ACCESS", "Access SAQ module", "Questionnaire Invite" and "Questionnaire Template Create" permissions
Template must be within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/newversion/saq/template
" < file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <Template>
      <id>82968</id>
    </Template>
  </data>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <Template>
```

```
        <id>82968</id>  
    </Template>  
</data>  
</ServiceResponse>
```

Publish template

Publish a template based on its ID.

URL: `https://<baseurl>/qps/rest/1.0/publish/saq/template/<id>`

Methods allowed: POST

Input

The "id" (Long) element is required.

Permissions

User must have the Security Assessment Questionnaire (SAQ) module enabled
User must have "API ACCESS", "Access SAQ module", "Questionnaire Invite" and
"Questionnaire Template Publish" permissions
Template must be within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"  
--data-binary @-  
"https://qualysapi.qualys.com/qps/rest/1.0/publish/saq/template <  
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceRequest>  
  <data>  
    <Template>  
      <id>82968</id>  
    </Template>  
  </data>  
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance"  
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd  
/1.0/saq/template.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <Template>
```

```
        <id>82968</id>  
    </Template>  
</data>  
</ServiceResponse>
```


Delete template

Delete a template in API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/delete/saq/template/<id>`

Methods allowed: POST

Input

The "id" (Long) element is required.

Permissions

User must have the SAQ module enabled

User must have "API ACCESS", "Access SAQ module", "Questionnaire Invite" and "Questionnaire Template Delete" permissions

Template must be within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -X "GET" -H "Content-Type: text/xml"
https://qualysapi.qualys.com/qps/rest/1.0/delete/saq/template/58969
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://localhost:8383/qps/xsd/1.0/s
aq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <Template>
      <id>58969</id>
    </Template>
  </data>
</ServiceResponse>
```

Delete templates (bulk)

Delete multiple templates in the API user's scope.

URL: `https://<baseurl>/qps/rest/1.0/delete/saq/template/`

Methods allowed: POST

Input

All elements for the search operation are supported. See [Search templates](#).

Permissions

User must have the SAQ module enabled

User must have "API ACCESS", "Access SAQ module", "Questionnaire Invite" and "Questionnaire Template Delete" permissions

Template must be within the API user's scope

Example

Request:

```
curl -u "USERNAME:PASSWORD" -H "content-type: text/xml" -X "POST"
--data-binary @-
"https://qualysapi.qualys.com/qps/rest/1.0/delete/saq/template" <
file.xml
```

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

Request POST Data:

```
<?xml version="1.0" ?>
<ServiceRequest>
  <filters>
    <Criteria field="category" operator="EQUALS">VENDOR</Criteria>
  </filters>
</ServiceRequest>
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://qualysapi.qualys.com/qps/xsd
/1.0/saq/template.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>3</count>
  <data>
    <Template>
      <id>54611</id>
    </Template>
```

```
<Template>  
  <id>54612</id>  
</Template>  
<Template>  
  <id>54806</id>  
</Template>  
</data>  
</ServiceResponse>
```

Reference: Template

A reference of template elements is provided below. Required or Optional indicates whether the element is required to create a template..

Element	Description
id (Long)	(Optional) ID of the template.
uuid (String)	(Optional) Unique ID of the template.
name (String)	(Optional) Name of the template.
description (String)	(Optional) Description of the template.
category (String)	(Required) Category of the template.
familyId (String)	(Required) Family identifier of the template.
revision (Long)	(Optional) Version of the template.
isLibrary (Boolean)	(Optional) True if the template is created from a library template.
questionCnt (Long)	(Required) Count of questions in a template.
state (String)	(Optional) State of the template (Published, Draft)
elements (List)	(Required) List of Template element (sections, questions, ...)
elements.sections (List)	(Required) List of Template section, a section can contains other sections and questions.
elements.questions (List)	(Required) List of the template questions.
elements scorings (List)	(Required) List of the template scorings.
Scoring.label (String)	(Optional) Scoring label.
Scoring.value (Integer)	(Optional) Scoring value.
Section.name (String)	(Required) Name of the section.
Section.description (String)	Description of the section.
Question.label (String)	(Optional) Label assigned to the question.
Question.text (String)	(Optional) Description of the question.
Question.type (String)	(Optional) The question type (booleanQuestion, numericQuestion, textQuestion, ...)
Question.mode (String)	(Required) The question mode (Button, Radio, Combo)
Question.criticality String)	(Required) The question criticality (INFO, CRITICAL, ...)
Question.requireAttachment (Boolean)	(Required) True if the Attachment required flag is set to yes.
Question.requireComment (Boolean)	(Required) True if the Comment required flag is set to yes.
Question.requireAsset (Boolean)	(Required) True if the Asset required flag is set to yes.
Question.yesScoringLabel (String)	(Required) The question yes scoring label, used for Boolean question only.

Element	Description
Question.noScoringLabel (String)	(Required for Boolean question) The question no scoring label, used for Boolean question only.
Question.minCommentLength (Integer)	(Required) The question min comment length, the value of this field will be stored if the requireComment field is set to true.
Question.maxCommentLength (Integer)	(Required) The question max comment length, the value of this field will be stored if the requireComment field is set to true.
Question.dateRange (Date)	(Required for date question) The question date range, used for a date question only.
Question.minAnswerLength (Integer)	(Required for text question) The question minimum question length, used for a text question only.
Question.maxAnswerLength (Integer)	(Required for text question) The question minimum question length, used for a text question only.
Answer.title (String)	(Required) Title of the answer.
Answer.value (String)	(Required) Value of the answer.
Answer.requireAttachment (Boolean)	(Required) True if the Attachment required flag is set to yes.
Answer.requireComment (Boolean)	(Required) True if the Comment required flag is set to yes.
Answer.requireAsset (Boolean)	(Required) True if the Asset required flag is set to yes.
Answer.scoringLabel (String)	(Required) The answer scoring label (only for the dropdown, multiselect, single select)
Answer.minCommentLength (Integer)	(Required) The Answer min comment length, the value of this field will be stored if the requireComment field is set to true.
Answer.maxCommentLength (Integer)	(Required) The Answer max comment length, the value of this field will be stored if the requireComment field is set to true.

Appendix A - Error Messages

This appendix describes the types of error messages returned from SAQ API requests.

Error Message	Resolution
Element	
url: Invalid URL format (<value>).	URL format must be as follows: http://<baseUrl>/rest/1.0/?parameters
Url: Element is required	Element "Url" is required.
uris.<field>: Invalid URL format (<value>).	For the uri.<field> sub element, specify a URL like http://domain.name/base/url/?parameters
uris.<field>: Length of the field must not be greater than 2048 characters. (<value>).	For the uri.<field> sub element, the maximum field length is 2048 characters.
Attribute.category: Element is required.	The element Attribute.category is required.
Attribute.category: Invalid value (<value>).	Element Attribute.category must be set to one of these values: Business Function, Business Location, Business Description.
Attribute.value: Element is required.	Provide a value for the attribute in the Attribute.value element: function, location or description.
The attribute length cannot be greater than 64 characters.	The value for this attribute cannot exceed 64 characters.
The attribute length cannot be greater than 2048 characters.	The value for this attribute cannot exceed 2048 characters.
<element>: Element must not be set.	This element does not apply to this request.
set: Element must contain at least one child.	The set element requires at least one sub element.
headers: Length of all headers cannot exceed 2048 characters.	The values of all headers cannot exceed 2048 characters.
At least one of the following elements must be set: set, add, remove.	For an "update" request you must set at least one of these elements: set, add or remove.
UrlEntry: Element is required.	The element UrlEntry must be provided.
UrlEntry: Invalid URL format (value).	Specify a URL like http://domain.name/base/url/?parameters
<parent>: Length of all [URLs, regular expressions] cannot exceed 2048 characters	The list of entries for a given type shall not exceed 2048 characters.
UrlEntry: Only regular expressions are accepted for this element.	You must provide regular expressions for the element postDataBlackList.

Error Message	Resolution
tags.<element>: Element must not be set.	The tags element does not apply for this request
tags.set: Element must contain at least one child.	At least one sub element must be provided for the element tag.set.
Tag.id: Element is required.	Provide a value for the element Tag.id
Tag.id: Invalid value (value).	Value must be an integer set at least to 1.
Tag: Tag specified by ID <id> does not exist or is not available.	Provide a value for the element id that corresponds to a valid tag.
Criteria	
Criteria: Field is required.	Specify the name of the criteria to search against.
Criteria: Invalid criteria (<field name>).	Please search against one of the following criteria: %s.
Criteria: Invalid operator for criteria '<field>' (<operator>).	Allowed operations for this criteria are: %s.
Criteria: Value is required for criteria '<field>'.	Specify a value for a field name for search criteria.
Criteria: Invalid value format for criteria '<field>': <value>.	Boolean (true, false). Date and Time in UTC format Enumeration (allowed options separated by comma). Other: Specify criteria value(s) as <type>.
Authorization	
You are not authorized to access the application through the API.	You must be granted the API Access permission in your roles and scopes.
No data shall be passed for this operation.	The POST request does not specify a data element.
User is not authorized to perform this operation on specified object(s).	You must be granted access to these objects in your user scope.
Operation %s does not support search filters.	Do not provide search filters for this operation.
Report Storage Limit	
Your [subscription user] storage limit of <NB> Mb has been reached.	Delete existing reports and try again.