



Qualys API

Quick Reference

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Qualys API Quick Reference Guide

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Contents

Vulnerability Management and Policy Compliance API	5
Scans	5
Authentication	7
Authentication Vaults.....	11
Scanner Appliances.....	12
Option Profiles.....	13
KnowledgeBase	14
Reports	16
Report Templates	18
Remediation	22
Compliance Info	23
Users.....	25
Activity Log v2	26
Activity Log v1	26
Cloud Agent API	27
Agent Management	27
Activation Key	28
Configuration Profile.....	28
Asset Management & Tagging API	30
Networks	30
Assets	30
Asset Groups.....	33
Tag.....	34
Host Asset	34
Asset.....	35
Host Instance Vulnerability	35
Asset Data Connector	36
AWS Asset Data Connector	36
AWS Authentication Record	37
Continuous Monitoring API.....	38
Alerts	38
Profiles	38
Rulesets.....	39
Rules.....	39
Web Application Scanning API	40
Web Application.....	40
Authentication	41
Scan	42

Schedule	44
Option Profile	46
Report	47
Report Creation.....	48
Findings.....	50
Burp	52
Web Application Firewall API	53
Web Application.....	53
Cluster	55
Appliance.....	56
Malware Detection API.....	58
Malware Detections.....	58
Portal version API.....	59
Portal version	59
API Server URL	60
What API Server URL to use	60
Still need help?	60
Good to Know	61
Notations.....	61
GET and POST	61
Date/Time	61
API Notes.....	61
Curl Client	61
Allowed Operators	61
Looking for more?	61



Vulnerability Management and Policy Compliance API

Use these API calls to manage vulnerability and compliance scans and report on scan results.

[Scans](#) | [Authentication](#) | [Scanner Appliances](#) | [Option Profiles](#) | [KnowledgeBase](#) | [Reports](#) | [Report Templates](#) | [Remediation](#) | [Compliance Info](#) | [Users](#) | [Activity Log v2](#) | [Activity Log v1](#)

Looking for more information? No problem. Click

[API v1 guide](#) for [Qualys API v1 User Guide](#)

[API v2 guide](#) for [Qualys API v2 User Guide](#)

Scans

[API v2 guide](#)

Manage Scans

VM Scans - `/api/2.0/fo/scan/`

Compliance Scans - `/api/2.0/fo/scan/compliance/`

SCAP Scans - `/api/2.0/fo/scan/scap/`

List Scans: (GET + POST)

```
action={list}&
echo_request={0|1}&
scan_ref={value}&
state={Running|Paused|Canceled|Finished|
```

```
Error|Queued|Loading}&
```

```
processed={0|1}
type={On-Demand|Scheduled|API}&
target={ip,range...}&
user_login={login}&
launched_after_datetime={date/time}&
launched_before_datetime={date/time}&
show_ags={0|1}&
show_op={0|1}&
show_status={0|1}&
show_last={0|1}&
```

```
pci_only={0|1}&
ignore_target={0|1}&
```

Manage Scans: (POST)

```
action={cancel|pause|resume}&
echo_request={0|1}&
scan_ref={value}&
```

Download Scan Results: (GET + POST)

```
action={fetch}&
echo_request={0|1}&
scan_ref={value}&
*ips={ip,range...}&
*mode={brief|extended}&
*output_format={csv|json}&
```

Notes: * means VM scan only

Share PCI Scan: (GET + POST)

```
action={share|status}& *POST for share
echo_request={0|1}&
scan_ref={value}&
merchant_username={value}&
```

Launch Scan

VM Scan - `/api/2.0/fo/scan/`

Compliance Scan - `/api/2.0/fo/scan/compliance/`

Launch Scan: (POST)

```
action={launch}&
echo_request={0|1}&
scan_ref={value}&
scan_title={value}&
target_from={assets|tags}&
ip={value}&
asset_groups={value}&
asset_group_ids={value}&
exclude_ip_per_scan={value}&
tag_include_selector={all|any}&
tag_exclude_selector={all|any}&
```

tag_set_by={id|name}&
tag_set_include={value}&
tag_set_exclude={value}&
use_ip_nt_range_tags={0|1}&
iscanner_id={value1,value2...}&
iscanner_name={value1,value2...}&
default_scanner={0|1}&
scanners_in_ag={0|1}&
scanners_in_tagset={0|1}&
scanners_in_network={value}&
option_title={value}&
option_id={value}&
priority={value}& (0-9) *default is 0
runtime_http_header={value}&
connector_name={value}& *for EC2 scan
ec2_endpoint={value}& *for EC2 scan
ip_network_id={id}&

Scheduled Scans

API v2 guide

VM Scans - /api/2.0/fo/schedule/scan/

List Scheduled Scans: (GET)

action={list}&
echo_request={0|1}&
id={value}&
active={0|1}&

Create Scheduled Scan: (POST)

action={create}&
echo_request={0|1}&
scan_title={value}&
active={0|1}&
option_title={value}&
option_id={value}&
iscanner_id={value1,value2...}&
iscanner_name={value1,value2...}&
ip={value}&
asset_groups={value}&
asset_group_ids={value}&
default_scanner={0|1}&
scanners_in_ag={0|1}&
scanners_in_tagset={0|1}&

exclude_ip_per_scan={value}&
ip_network_id={id}&
runtime_http_header={value}&
target_from={assets|tags}&
tag_include_selector={all|any}&
tag_exclude_selector={all|any}&
tag_set_by={id|name}&
tag_set_include={value}&
tag_set_exclude={value}&
use_ip_nt_range_tags={0|1}&
connector_name={value}& *for EC2 scan
connector_uuid={value}& *for EC2 scan
ec2_endpoint={value}& *for EC2 scan
ec2_only_classic={value}& *for EC2 scan
occurrence={daily|weekly|monthly}&
frequency_days={value}& (1-365)
frequency_weeks={value}& (1-52)
weekdays={sunday|monday|tuesday|
wednesday|thursday|friday|saturday}&
frequency_months={value}& (1-12)
day_of_month={value}& (1-31)
day_of_week={value}& (0-6, where 0 is sunday)
week_of_month={first|second|third|fourth|last}&
start_date={date}&
start_hour={value}& (0-23)
start_minute={value}& (0-59)
time_zone_code={value}&
observe_dst={yes|no}&
recurrence={value}&
end_after_hours={value}& (1-48)
pause_after_hours={value} (1-120)
resume_in_days={value}& (1-9)

Delete Scheduled Scan: (POST)

action={delete}&
echo_request={0|1}&
id={value}&

Authentication

API v2 guide

Authentication Record List

/api/2.0/fo/auth/

List Records (all types): (GET + POST)

```
action={list}&
echo_request={0|1}&
title={value}&
comments={value}&
ids={id,range...}&
id_min={id}&
id_max={id}&
```

Authentication Record by Type List

/api/2.0/fo/auth/{type}/

where {type} is one of: unix, windows, oracle, oracle_listener, snmp, ms_sql, ibm_db2, vmware, http, apache, ms_iis, ibm_websphere, mysql, tomcat, oracle_weblogic

List Records by Type: (GET + POST)

```
action={list}&
```

Notes: Same optional parameters as for authentication records list (all types) plus:
details={Basic|All|None}&

Authentication Records

/api/2.0/fo/auth/<type>/

where <type> is one of: unix (for Unix, Cisco, Checkpoint Firewall), windows, oracle, oracle_listener, snmp, vmware, apache, ms_iis, ibm_websphere, http, mysql, ms_sql, docker, postgresql, sybase.

Manage Records: (GET + POST)

```
action={create|update|delete}&
title={value}&
ids={id,range...}&
echo_request={0|1}&
```

Notes: "title" is required for a create request. "ids" is required for an update and delete request.

```
comments={value}&
```

```
{target hosts} (*requirements below)
<type> credentials} (*requirements per record)
```

Notes: Comments, target hosts, and credentials specified for create and update requests only (not delete requests).

{target hosts}:

```
ips={ip,range...}&
add_ips={ip,range...}&
remove_ips={ip,range...}&
network_id={value}&
```

Notes: "ips" is required for a create request (except Windows), optional for an update request. "add_ips" and "remove_ips" are for an update request only.

{vault definition}:

```
login_type={basic|vault}& /set to vault to enable
vault_id={value}&
vault_type={value}&
```

(vault parameters below are required except as indicated, * means optional)

Cyber-Ark PIM Suite

```
folder={value}&
file={value}&
```

Cyber-Ark AIM

```
folder={value}&
file={value}&
```

Thycotic Secret Server

```
secret_name={value}&
```

Quest Vault

```
system_name={value}&
```

CA Access Control

```
end_point_name={value}&
end_point_type={value}&
end_point_container={value}&
```

Lieberman ERPM

```
auto_discover_system_name={value}&
system_name_single_host={value}&
system_type={auto|windows|unix|oracle|mssql|ldap|system|custom}&
*custom_system_type=&{value}
*valid when system_type=custom
```

BeyondTrust PBPS

```
*system_type={value}&
```

*account_name={value}&

{Unix record}:

Login credentials:

username={value}&
password={value}&
login_type={basic|vault}& (vault definition)
vault_type={CA Access Control|Cyber-Ark PIM Suite|Cyber-Ark AIM|Hitachi ID PAM|Lieberman ERPM|Quest Vault|Thycotic Secret Server|BeyondTrust PBPS}
cleartext_password={0|1}&
skip_password={0|1}&
{XML File}&

Notes: Required for create request: “username”, “password” if cleartext_password=1. {XML File} defines private key certificates and root delegations.

Scanning:

port={value}& /PC scans only
use_agentless_tracking={0|1}&
agentless_tracking_path={value}&

Notes: If use_agentless_tracking=1, “agentless_tracking_path” is required.

{Unix subtype record}:

sub_type={cisco|checkpoint_firewall}&

Login credentials:

username={value}&
password={value}&
login_type={basic|vault}& (vault definition)
vault_type={Cyber-Ark PIM Suite|Cyber-Ark AIM}
cleartext_password={0|1}&
enable_password={value}& (Cisco only)
expert_password={value}& (Checkpoint only)

Notes: Required for create request: “username”, “password” if cleartext_password=1.

Scanning:

port={value}& /PC scans only

{Windows record}:

Login credentials:

username={value}&
password={value}&
login_type={basic|vault}& (vault definition)
windows_domain={value}&
windows_ad_domain={value}&
ntlm={0|1}&
kerberos={0|1}&
ntlmv2={0|1}&
ntlm={0|1}&
require_smb_signing={0|1}&
minimum_smb_version={value}&

Scanning:

use_agentless_tracking={0|1}&

{Oracle record}:

Login credentials:

username={value}&
password={value}&
sid={value}&
servicename={value}&
port={num}&
pc_only={0|1}& /PC scans only

OS-dependent compliance checks:

perform_windows_os_checks={0|1}&
win_ora_home_name={value}&
win_ora_home_path={value}&
win_init_ora_path={value}&
win_spfile_ora_path={value}&
win_listener_ora_path={value}&
win_sqlnet_ora_path={value}&
win_tnsnames_ora_path={value}&
perform_unix_os_checks={0|1}&
perform_unix_opatch_checks={0|1}&
unix_ora_home_path={value}&
unix_init_ora_path={value}&
unix_spfile_ora_path={value}&
unix_listener_ora_path={value}&
unix_sqlnet_ora_path={value}&
unix_tnsnames_ora_path={value}&
unix_invptrloc={value}&

{Oracle Listener record}:

password={value}&

{IBM DB2 record}:

Login credentials:

username={value}&

password={value}&

database={value}&

port={value}&

pc_only={0|1}& /PC scans only

OS-dependent compliance checks:

win_db2dir={value}

win_prilogfile={value}

win_seclogfile={value}

win_terlogfile={value}

win_mirlogfile={value}

unix_db2dir={value}

unix_prilogfile={value}

unix_seclogfile={value}

unix_terlogfile={value}

unix_mirlogfile={value}

Notes: All check parameters are required if you want OS-dependent compliance checks to be run.

{MySQL record}:

username={value}&

password={value}&

database={value}&

port={value}&

windows_config_file={value}&

unix_config_file={value}&

ssl_verify={value}&

hosts={value}&

client_cert={value}&

client_key={value}&

kerberos={0|1}&

ntlmv2={0|1}&

ntlm={0|1}&

member_domain={value}& or ips={value}&

Notes: All parameters are required for create request, except client_cert and client_key (which must be specified together).

{SNMP record}:

version={v1|v2c|v3}&

SNMPv1 and SNMPv2c:

community_strings={value,value...}&

Notes: "community_strings" is optional for create and update requests.

SNMPv3:

username={value}&

password={value}&

auth_alg={MD5|SHA1}&

encrypt_password={value}&

priv_alg={DES|AES}&

security_engine_id={value}&

context_engine_id={value}&

context={value}&

Notes: All SNMPv3 parameters are optional. However, when one is specified, others are required as follows. 1) It is required that "username", "password" and auth_alg" are all defined for record. 2) It is required that "encrypt_password" and "priv_alg" are all defined for record. 3) For an update request "auth_alg" and "priv_alg" may be set to empty, in which case the data is not encrypted.

{VMware record}:

username={value}&

password={value}&

port={value}&

hosts={value}&

ssl_verify={all|skip|none}&

Notes: "username" and "password" are required for a create request, optional for an update request.

{Apache Web Server record}:

unix_apache_config_file={value}&
unix_apache_control_command={value}&

{IBM WebSphere App Server record}:

unix_install_dir={value}&

{Tomcat Server record}:

installation_path={value}&
instance_path={value}&
auto_discover_instances={0|1}&

Notes: bold means required for new record.

{HTTP record}:

username={value}&
password={value}&
vhost={value}&
realm={value}&
ssl={0|1}&

Notes: “vhost” or “realm” is required for a create request. “ips” parameter is not valid for this record type.

PC scans only

{Docker record}:

(PC scans only)

docker_daemon_conf_file={value}
docker_command={value}

{MS SQL record}:

(PC scans only)

username={value}&
password={value}&
port={value}&
db_local={0|1}&
windows_domain={value}&

Notes: When “db_local” is unspecified for a create request, the flag is set to 1 (MS SQL Server credentials). “windows_domain” is required when “db_local=0”, otherwise it is invalid.

instance={value}& default is “MSSQLSERVER”
- or - **auto_discover_instances**={0|1}&
database={value}& default is “master”
- or - **auto_discover_databases**={0|1}&

port={value}&
- or - **auto_discover_ports**={0|1}&

{Oracle WebLogic Server record}:

(PC scans only)

installation_path={value}&
auto_discover={0|1}&
domain={value}&

{PostgreSQL record}:

(PC scans only)

pgsql_unix_conf_file={value}&
username={value}&
password={value}&
login_type={**basic**|vault}& ([vault definition](#))
vault_type={CA Access Control|Cyber-Ark PIM Suite|Cyber-Ark AIM |Hitachi ID PAM|Quest Vault|Thycotic Secret Server|BeyondTrust PBPS}&
pgsql_db_name={value}&
port={value}&
ssl_verify={0|1}&
hosts={value}&
client_key_type={**basic**|vault}&
client_key={value}&
client_key_vault_type={Cyber-Ark AIM|BeyondTrust PBPS}&
client_key_vault_id={value}&
passphrase_type={**basic**|vault}&
passphrase={value}&
client_cert={value}&
passphrase_vault_type={CA Access Control|Cyber-Ark PIM Suite|Cyber-Ark AIM |Hitachi ID PAM|Quest Vault|Thycotic Secret Server|BeyondTrust PBPS}&
passphrase_vault_id={value}&

Notes: Required for create request: “password” if login_type=basic.

{Sybase record}:

(PC scans only)

username={value}&
password={value}&
login_type={[basic](#)|vault}& ([vault definition](#))
vault_type={Cyber-Ark PIM Suite|Cyber-Ark AIM
|Quest Vault|Thycotic Secret Server|
Lieberman ERPM}
port={value}&
database={value}&
install_dir={value}&

Notes: Required for a create request: “password” if login_type=basic, “install_dir” if record will be used for scanning Unix hosts.

Authentication Vaults

API v2 guide

/api/2.0/fo/vault/

List Vaults: (GET + POST)

action={list}&
echo_request={0|1}&
title={value}&
type={Cyber-Ark PIM Suite|Thycotic Secret
Server|Quest Vault|CA Access Control|Hitachi ID
PAM|Lieberman ERPM |Cyber-Ark AIM|BeyondTrust
PBPS}&
modified={date/time}&
orderby={id|title|system_name|last_modified|
last_modified_by}&
sortorder={asc|desc}&
limit={value}&
offset={value}&

Notes: “sortorder” is valid only when “orderby” is specified. “limit” and “offset” must be specified together.

Manage Vaults: (GET + POST)

action={create|update|delete}&
title={value}&
type={Cyber-Ark PIM Suite|Thycotic Secret
Server|Quest Vault|CA Access Control|Hitachi
ID PAM|Lieberman ERPM|BeyondTrust PBPS}
id={id}
comments={value}&
echo_request={0|1}&
{settings}

Notes: “title” and “type” are required for a create request, optional for an update request. “comments” is optional for create and update request. “id” is required for an update and delete request. “settings” for create and update request, varies per vault type (see below).

CA Access Control:

ca_url={value}&*
ca_api_username={value}&*
ca_ssl_verify={1|0}&*
ca_web_username={value}&
ca_web_password={value}&

Notes: bold means required for new vault

Cyber-Ark PIM Suite:

server_address={value}&*
port={value}&
safe={value}&*
username={value}&*
password={value}&*

Notes: bold means required for new vault

Hitachi ID PAM:

url={value}&*
username={value}&*
password={value}&*
ssl_verify={1|0}&*

Notes: bold means required for new vault

Lieberman ERPM:

url={value}&*
domain={value}&
username={value}&*
password={value}&*
ssl_verify={1|0}&*

Notes: bold means required for new vault

Quest Vault:

server_address={value}&*
port={value}&
username={value}&*
access_key={value}&*

Notes: bold means required for new vault

Thycotic Secret Server:

url={value}&*
username={value}&*
password={value}&*
domain={value}&

Notes: bold means required for new vault

Cyber-Ark AIM:

appid={value}&
safe={value}&
url={value}&
ssl_verify={0|1}&
cert={value}&
private_key={value}&
private_key_pwd={value}&

Notes: bold means required for new vault

BeyondTrust PBPS:

appkey={value}&
url={value}&
username={value}&*
password={value}&*
ssl_verify={0|1}&
cert={value}&
private_key={value}&
private_key_pwd={value}&

Notes: bold means required for new vault

Scanner Appliances

API v2 guide

/api/2.0/fo/appliance/

List Appliances: (GET + POST)

action={list}&
echo_request={0|1}&
output_mode={**brief**|full}&
scan_detail={0|1}&
include_cloud_info={0|1}&
busy={0|**1**}&
scan_ref={value}&
name={value}&
ids={id1,id2...}&
include_license_info={0|1}&
network_id={id}&

Notes: "include_license_info" applies to virtual scanner appliances

Virtual Scanners: (GET + POST)

```
echo_request={0|1}&
-----
action={create}&
name={value}&
asset_group_id={value}&
polling_interval={60-360}& *default is 180
```

Notes: “asset_group_id” is required for Unit Managers and Scanners with permission to create virtual scanners. Managers do not specify “asset_group_id”.

```
-----
action={update}&
id={id}&
name={value}&
comment={value}&
polling_interval={60-360}&
set_tags= {value}&
add_tags= {value}&
remove_tags= {value}&
tag_set_by= {id|name}&
```

*set_vlans={ID|IP_ADDRESS|NETMASK|NAME}&

*set_routes={IP_ADDRESS|NETMASK|GATEWAY|NAME}&

*Notes: Or “ (empty string) to delete all records

```
-----
action={delete}&
id={id}&
```

Physical Scanners: (POST)

```
/api/2.0/fo/appliance/physical/
action={update}&
id={id}&
name={string}&
polling_interval={60-360}& *default is 180
set_vlans={value}&
set_tags= {value}&
add_tags= {value}&
remove_tags= {value}&
tag_set_by= {id|name}&
set_routes={value}&
comment={value}&
```

Assign Appliance to Network: (POST)

```
action={assign_network_id}&
appliance_id={id}&
network_id={id}&
echo_request={0|1}&
```

Option Profiles

API v2 guide

```
/api/2.0/fo/subscription/option_profile/
```

Export Option Profile: (POST)

```
/api/2.0/fo/subscription/option_profile/
action={export}&
output_format={XML}&
option_profile_id={value}&
option_profile_title={value}&
option_profile_type={user|compliance|pci}&
```

Import Option Profile: (POST)

```
/api/2.0/fo/subscription/option_profile/
action={import}&
```

Notes: When calling this API the user needs to pass the proper XML with Content-Type XML.

KnowledgeBase

API v2 guide

Vulnerabilities

/api/2.0/fo/knowledge_base/vuln/

List Vulnerabilities: (GET + POST)

```
action={list}&
echo_request={0|1}&
details={Basic|All|None}&
ids={value}&
id_min={value}&
id_max={value}&
is_patchable={0|1}&
last_modified_after={date/time}&
last_modified_before={date/time}&
last_modified_by_user_after={date/time}&
last_modified_by_user_before={date/time}&
last_modified_by_service_after={date/time}&
last_modified_by_service_before={date/time}&
published_after={date/time}&
published_before={date/time}&
discovery_method={value}&
discovery_auth_types={value}&
show_pci_reasons={0|1}&
show_supported_modules_info={0|1}&
show_disabled_flag={0|1}&
```

Notes: Subscription authorization is required to use.
For “discovery_method” a valid value is: Remote, Authenticated, RemoteOnly, AuthenticatedOnly, or RemoteAndAuthenticated.

Edit Vulnerabilities: (POST)

/api/2.0/fo/knowledge_base/vuln/

```
action={edit}&
qid={value}&
severity={value}&
disable={0|1}&
threat_comment={value}&
impact_comment={value}&
solution_comment={value}&
```

Note: Providing at least one optional parameter is mandatory.

Reset a Vulnerabilities: (POST)

```
action={reset}&
qid={value}
```

List Edited Vulnerabilities: (POST)

```
action={custom}&
```

Note: Get a list of all edited vulnerabilities.

Static Search Lists

/api/2.0/fo/qid/search_list/static/

List Static Search Lists: (GET + POST)

```
action={list}&
echo_request={0|1}&
ids={id1,id2...}&
```

Create Static Search List: (POST)

```
action={create}&
echo_request={0|1}&
title={value} &
qids={num1,num2...}&
global={0|1}&
comments={value}&
```

Update Static Search List: (POST)

```
action={update}&
echo_request={0|1}&
id={value}&
title={value}&
qids={num1,num2...}&
add_qids={num1,num2...}&
remove_qids={num1,num2...}&
global={0|1}&
comments={value}&
```

Delete Static Search List: (POST)

```
action={delete}&
echo_request={0|1}&
id={value}&
```

Dynamic Search Lists

/api/2.0/fo/qid/search_list/dynamic/

List Dynamic Search Lists: (GET + POST)

action={list}&
echo_request={0|1}&
ids={id1,id2...}&
show_qids={0|1}&
show_option_profiles={0|1}&
show_distribution_groups={0|1}&
show_report_templates={0|1}&
show_remediation_policies={0|1}&

Create Dynamic Search List: (POST)

action={create}&
echo_request={0|1}&
title={value}&
global={0|1}&
comments={value}&
Criteria for Dynamic Search List (below)

Update Dynamic Search List: (POST)

action={update}&
echo_request={0|1}&
id={value}&
title={value}&
global={0|1}&
comments={value}&
unset_user_modified_date={empty value}&
unset_published_date={empty value}&
unset_service_modified_date={empty value}&
Criteria for Dynamic Search List (below)

Criteria for Dynamic Search List:

vuln_title={value}&
not_vuln_title={0|1}&
discovery_methods={value}&
auth_types={value}&
user_configuration={value}&
categories={value}&
not_categories={0|1}&
confirmed_severities={value}&
potential_vulnerabilities={value}&
ig_severities={value}&
vendor_ids={value}&
not_vendor_ids={0|1}&

products={value}&
not_products={0|1}&
cvss_base={value}&
cvss_base_operand={1|2}&
cvss_temp={value}&
cvss_temp_operand={1|2}&
cvss_access_vector={value}&
cvss3_base={value}&
cvss3_base_operand={1|2}&
cvss3_temp={value}&
cvss3_temp_operand={1|2}&
cvss_access_vector={value}&
patch_available={0|1}&
virtual_patch_available={0|1}&
cve_ids={value}&
not_cve_ids={0|1}&
exploitability={value}&
malware_associated={value}&
vendor_refs={value}&
not_vendor_refs={0|1}&
bugtraq_id={value}&
not_bugtraq_id={0|1}&
vuln_details={value}&
compliance_details={value}&
compliance_types={value}&
qualys_top_lists={value}&
qids_not_exploitable={0|1}&
non_running_services={0|1}&
sans_20={0|1}&
nac_nam={0|1}&
vuln_provider={0|1}&
user_modified_date_between={value}&
user_modified_date_today={0|1}&
user_modified_date_in_previous={value}&
user_modified_date_within_last_days={value}&
not_user_modified={0|1}&
service_modified_date_between={value}&
service_modified_date_today={0|1}&
service_modified_date_in_previous={value}&
service_modified_date_within_last_days={value}&
not_service_modified={0|1}&
published_date_between={value}&

published_date_today={0|1}&
published_date_in_previous={value}&
published_date_within_last_days={value}&
not_published={0|1}&
supported_modules={value}&

Delete Dynamic Search List: (POST)

action={delete} &
echo_request={0|1}&
id={value}&

Reports

API v2 guide

Manage Reports

/api/2.0/fo/report/

List Reports: (GET + POST)

action={list}&
echo_request={0|1}&
id={value}&
state={Running|Finished|Submitted|
Canceled|Errors}&
user_login={login}&
expires_before_datetime={date/time}&

Manage Reports: (POST)

action={cancel|delete}&
echo_request={0|1}&
id={value}&

Download Report: (POST)

action={fetch}&
echo_request={0|1}&

Launch Report

/api/2.0/fo/report/

Launch Report (all types): (POST)

action={launch}&
echo_request={0|1}&
template_id={value}&
report_title={value}&
pdf_password={passwd}&
recipient_group={group,group... 50 max}&
hide_header={0|1}&
use_tags={0|1}&
tag_include_selector={all|any}&
tag_exclude_selector={all|any}&
tag_set_by={id|name}&
tag_set_include={value}&
tag_set_exclude={value}&
recipient_group_id={value}&

Map Report:

report_type={Map}&
echo_request={0|1}&
output_format={pdf|html|mht|xml|csv|docx}&
domain={value}&
ip_restriction={value}&
report_refs={value}&

Scan Report (Scan Based Findings):

report_type={Scan}&
echo_request={0|1}&
output_format={pdf|html|mht|xml|csv}&
report_refs={ref,ref...}&
ip_restriction={value}&

Scan Report (Host Based Findings):

report_type={Scan}&
echo_request={0|1}&
output_format={pdf|html|mht|xml|csv}&
ips={value}&
ips_network_id={id}&
asset_group_ids={id,id...}&

Qualys Patch Report:

echo_request={0|1}&
output_format={pdf|online|csv}&
ips={value}&
asset_group_ids={id,id...}&

Remediation Report:

report_type={Remediation}&
echo_request={0|1}&
output_format={pdf|html|mht|csv}&
asset_group_ids={id,id...}&
assignee_type={User|All}&
ips={value}&

Compliance Report:

report_type={Compliance}&
echo_request={0|1}&
output_format={pdf|html|mht}&

Notes: "mht" is not valid for PCI report.

ips={value}&
asset_group_ids={id,id...}&
report_refs={ref,ref...}&

Notes: "report_refs" is required for a PCI report, and not valid for other compliance reports.

Compliance Policy Report:

report_type={Policy}&
echo_request={0|1}&
output_format={pdf|html|mht|xml|csv}&
policy_id={value}&
asset_group_ids={value}&
ips={value}&
instance_string={value}
host_id={value}
instance_string={value}

Scorecard Report

/api/2.0/fo/report/scorecard/

Launch Scorecard: (POST)

action={launch}&
echo_request={0|1}&
name={value}&

report_title={value}&
output_format={pdf|html|mht|xml|csv}&
hide_header={0|1}& (for CSV only)
pdf_password={passwd}&
recipient_group={group,group... 50 max}&
recipient_group_id={distgroup1,distgroup2}&
source={asset_groups|business_unit}&
asset_groups={value,value...}&
all_asset_groups={0|1}&
business_unit={value}&
division={value}&
function={value}&
location={value}&
patch_quids={qid,qid...}& (10 max)
missing_quids={qid,qid}& (2 max)

Scheduled Report

/api/2.0/fo/schedule/report/

List Scheduled Reports: (GET)

action={list}&
id={value}&
is_active={true|false}&

Launch Scheduled Report: (POST)

action={launch_now}&
id={value}&

Asset Search Report

API v2 guide

/api/2.0/fo/report/asset/

Asset Search Report: (GET + POST)

action={search}&
output_format={csv|xml}&
tracking_method={IP|DNS|NETBIOS|EC2|AGENT}&
ips={value}&
ips_network_id={value}&
asset_group_ids={value}&
asset_groups={value}&
assets_in_my_network_only={0|1}&

```
ec2_instance_status={RUNNING | TERMINATED |  
PENDING | STOPPING | SHUTTING_DOWN |  
STOPPED}&  
*ec2_instance_id={value}&  
*ec2_instance_id_modifier={value}&  
display_ag_titles={0|1}&  
ports={value}&  
services={value}&  
qids={value}&  
qid_with_text={value}&  
qid_with_modifier={beginning with |  
containing | matching | ending with |  
use_tags={0|1}&  
tag_set_by={id | name}&  
tag_include_selector={any | all}&  
tag_exclude_selector={any | all}&  
tag_set_include={value}&  
tag_set_exclude={value}&  
first_found_days={value}&  
first_found_modifier={within | not within}&  
last_vm_scan_days={value}&  
last_vm_scan_modifier={within | not within}&  
last_pc_scan_days={value}&  
last_pc_scan_modifier={within | not within}&  
dns_name={value}&  
dns_modifier={beginning with |  
containing | matching | ending with | not empty}&  
netbios_name={value}&  
netbios_modifier={beginning with |  
containing | matching | ending with | not empty}&  
os_cpe_name={value}&  
os_cpe_modifier={beginning with |  
containing | matching | ending with | not empty}&  
os_name={value}&  
os_modifier={beginning with |  
containing | matching | ending with |  
Notes: *ec2_instance_id_modifier is valid only when  
*ec2_instance_id is specified
```

Report Templates

API v2 guide

Scan Template

Create Scan Template (POST)

```
/api/2.0/fo/report/template/scan/  
action=create  
report_format=xml  
title={value}&  
owner={value}&  
Target  
scan_selection={HostBased | ScanBased}&  
include_trending={0|1}&  
limit_timeframe={0|1}&  
selection_type={day | month | weeks | date | none |  
scans}&  
selection_range={1 | 3 | 5 | 7 | 15 | 30 | 60 | 90}&  
asset_groups={value}&  
asset_group_ids={value}&  
network={value}&  
ips={value}xml}&  
tag_set_by={name | id}&  
tag_include_selector={ALL | ANY}&  
tag_set_include={value}&  
tag_exclude_selector={ALL | ANY}&  
tag_set_exclude={value}&  
host_with_cloud_agents= {all | scan | agent}&  
display_text_summary={0|1}&  
graph_business_risk={0|1}&  
graph_vuln_over_time={0|1}&  
graph_status={0|1}&  
graph_potential_status={0|1}&  
graph_severity={0|1}&  
Display  
graph_potential_severity={0|1}&  
graph_ig_severity={0|1}&  
graph_top_categories={0|1}&  
graph_top_vulns={0|1}&  
graph_os={0|1}&  
graph_services={0|1}&  
graph_top_ports={0|1}&  
display_custom_footer={0|1}&  
display_custom_footer_text={value}&
```

sort_by={host|vuln|os|group|service|port}&
cvss={all|cvssv2|cvssv3}&
host_details={0|1}&
metadata_ec2_instances={0|1}&
include_text_summary={0|1}&
include_vuln_details={0|1}&
include_vuln_details_threat={0|1}&
include_vuln_details_impact={0|1}&
include_vuln_details_solution={0|1}&
include_vuln_details_vpatch={0|1}&
include_vuln_details_compliance={0|1}&
include_vuln_details_exploit={0|1}&
include_vuln_details_malware={0|1}&
include_vuln_details_results={0|1}&
include_vuln_details_reopened={0|1}&
include_vuln_details_appendix={0|1}&
exclude_account_id={0|1}&

Filters

selective_vulns={complete|custom}&
search_list_ids={value}&
exclude_qid_option={0|1}&
exclude_search_list_ids={value}&
included_os={value}&
status_new={0|1}&
status_active={0|1}&
status_reopen={0|1}&
status_fixed={0|1}&
vuln_active={0|1}&
vuln_disabled={0|1}&
vuln_ignored={0|1}&
potential_active={0|1}&
potential_disabled={0|1}&
potential_ignored={0|1}&
ig_active={0|1}&
ig_disabled={0|1}&
ig_ignored={0|1}&
display_non_running_kernels={0|1}&
exclude_non_running_kernel={0|1}&
exclude_non_running_services={0|1}&
exclude_qids_not_exploitable_due_to_configuration={0|1}&
exclude_superceded_patches={0|1}&

categories_list={value}&
Services and Ports
required_services={value}&
unauthorized_services={value}&
required_ports={value}&
unauthorized_ports={value}&
User Access
global={0|1}&
report_access_users={value}&

Update Scan Template (PUT)

/api/2.0/fo/report/template/scan/
template_id={value}&
action=update
report_format=xml&

Delete Scan Template (POST)

/api/2.0/fo/report/template/scan/
action=delete
template_id={value}&

Export Scan Template (GET)

/api/2.0/fo/report/template/scan/
action=export
report_format=xml
template_id={value}&

PCI Scan Template API

Notes: Go to Scan Template API. The same parameters used to define PCI Scan Template settings. All parameters (all are optional). In addition the following parameters are used.

Create PCI Scan Template (POST)

/api/2.0/fo/report/template/pciscan/
action=create
report_format=xml
custom_pci_ranking={0|1}&
customized_ranking_medium_from={0|1|2|3|4|5|6|7|8|9|10}&
customized_ranking_high_from={0|1|2|3|4|5|6|7|8|9|10}&
customized_ranking_comments={value}&

```
customized_ranking_qid_searchlist_comments={  
<search list id1/name1> | <SEVERITY> |  
<comments>,<search list id2/name2> |  
SEVERITY> | <comments>}&
```

Update PCI Scan Template (PUT)

```
/api/2.0/fo/report/template/pciscan/  
action=update  
report_format=xml  
template_id={value}&
```

Delete PCI Scan Template (POST)

```
/api/2.0/fo/report/template/pciscan/  
action=delete  
template_id={value}&
```

Export PCI Scan Template (GET)

```
/api/2.0/fo/report/template/pciscan/  
action=export  
report_format=xml  
template_id={value}&
```

Patch Template

Create Patch Template (POST)

```
/api/2.0/fo/report/template/patch/  
action=create  
report_format=xml  
title={value}&  
owner={value}&  
Target  
patch_evaluation={qidbased|classic}&  
asset_groups  
asset_group_ids={value}&  
tag_set_by={name|id}&  
tag_include_selector={ALL|ANY}&  
tag_set_exclude={value}&  
tag_exclude_selector={ALL|ANY}&  
network={value}&  
ips={value}&  
Display  
group_by={HOST|PATCH|OS|AG}&  
include_table_of_qids_fixed={0|1}&  
include_patch_links={0|1}&
```

```
include_patches_from_unspecified_vendors={0|1}&  
patch_severity_by={assigned|highest}&  
patch_cvss_score_by={assigned|highest|none}&  
cvss={all|cvssv2|cvssv3}&  
display_custom_footer={0|1}&  
display_custom_footer_text={value}&  
exclude_account_id={0|1}&  
Filters  
selective_vulns={complete|custom}&  
search_list_ids={value}&  
exclude_qid_option={0|1}&  
exclude_search_list_ids={value}&  
display_non_running_kernels={0|1}&  
exclude_non_running_kernel={0|1}&  
exclude_non_running_services={0|1}&  
exclude_qids_not_exploitable_due_to_configuration={0|1}&  
selective_patches={complete|custom}&  
exclude_patch_qid_option={0|1}&  
patch_search_list_ids={value}&  
exclude_patch_search_list_ids={value}&  
found_since_days={7|30|90|365|NoLimit}&  
User Access  
global={0|1}&  
report_access_users={value}&
```

Update Scan Template (PUT)

```
/api/2.0/fo/report/template/patch/  
action=update  
report_format=xml  
template_id={value}&
```

Delete Scan Template (POST)

```
/api/2.0/fo/report/template/patch/  
action=delete  
template_id={value}&
```

Export Scan Template (GET)

```
/api/2.0/fo/report/template/patch/  
action=export  
report_format=xml  
template_id={value}&
```

Map Template

Create Map Template (POST)

```
/api/2.0/fo/report/template/map/  
  action=create  
  report_format=xml  
  title={value}&  
  owner={value}&  
  global={0|1}&  
  Display  
  map_sort_by={ipaddress|dns|netbios|router|operatingsystem}&  
  map_related_info_lastscandate={0|1}&  
  map_related_info_assetgroups={0|1}&  
  map_related_info_authenticationrecords={0|1}&  
  &  
  map_related_info_discoverymethod={0|1}&  
  display_custom_footer={0|1}&  
  display_custom_footer_text={value}&  
  map_exclude_account_id={0|1}&  
  Filters  
  map_included_hosttypes_innetblock={0|1}&  
  map_included_hosttypes_scannable={0|1}&  
  map_included_hosttypes_live={0|1}&  
  map_included_hosttypes_approved={0|1}&  
  map_included_hosttypes_outofnetblock={0|1}&  
  map_included_hosttypes_notscannable={0|1}&  
  map_included_hosttypes_notlive={0|1}&  
  map_included_hosttypes_rogue={0|1}&  
  Included Discovery Methods  
  map_idm_tcp={0|1}&  
  map_idm_udp={0|1}&  
  map_idm_traceroute={0|1}&  
  map_idm_other={0|1}&  
  map_idm_dns={0|1}&  
  map_idm_icmp={0|1}&  
  map_idm_auth={0|1}&  
  Included Status Levels  
  map_included_statuses_added={0|1}&  
  map_included_statuses_removed={0|1}&  
  map_included_statuses_active={0|1}&  
  dns_exclusions={none|DNS|DNS-DNSZone}&  
  included_os={value}&
```

Update Map Template (PUT)

```
/api/2.0/fo/report/template/map/  
  action=update  
  report_format=xml  
  template_id={value}&
```

Delete Map Template (POST)

```
/api/2.0/fo/report/template/map/  
  action=delete  
  template_id={value}&
```

Export Map Template (GET)

```
/api/2.0/fo/report/template/map/  
  action=export  
  report_format=xml  
  template_id={value}&
```

Remediation

API v1 guide

ticket_list.php? (GET + POST)

```
{ticket-selection}
show_vuln_details={0|1}&
```

ticket_edit.php? (GET + POST)

```
{ticket-selection}
change_assignee={login}&
change_state={OPEN|RESOLVED|IGNORED}
reopen_ignored_days={value}&
add_comment={value}&
network_id={value}&
```

ticket_delete.php? (GET + POST)

```
{ticket-selection}
```

{ticket-selection}:

```
ticket_numbers={num,range...}&
since_ticket_number={num}&
until_ticket_number={num}&
ticket_assignee={login}&
overdue={0|1}&
invalid={0|1}&
states={OPEN|RESOLVED|CLOSED|
IGNORED}&
modified_since_datetime={date/time}&
ips={ip,range...}&
asset_groups={value,value...}&
dns_contains={string}&
netbios_contains={string}&
vuln_severities={1,2,3,4,5}&
potential_vuln_severities={1,2,3,4,5}&
qids={value,value... 10 max}&
vuln_title_contains={string}&
vuln_details_contains={string}&
vendor_ref_contains={string}&
network_id={value}&
```

ticket_list_deleted.php? (GET + POST)

```
ticket_numbers={num,range...}&
since_ticket_number={num}&
until_ticket_number={num}&
```

```
deleted_since_datetime={date/time}&
deleted_before_datetime={date/time}&
```

Ignore Vulnerability

API v1 guide

ignore_vuln.php? (GET +POST)

```
action={ignore|restore}&
qids={value,value... 10 max}&
comments={value}&
(*)asset_groups={value,value...}&
(*)ips={ip,range...}&
(*)dns_contains={string}&
(*)netbios_contains={string}&
reopen_ignored_days={1-730}&
network_id={value}&
```

Notes: One of these (*) is required

Compliance Info

API v2 guide

Controls / Policies

List Controls: (GET + POST)

```
/api/2.0/fo/compliance/control/  
action={list}&  
echo_request={0|1}&  
details={Basic|All|None}&  
ids={id,range...}&  
id_min={id}&  
id_max={id}&  
updated_after_datetime={date/time}&  
created_after_datetime={date/time}&  
truncation_limit={value}
```

List Policies: (GET + POST)

```
/api/2.0/fo/compliance/policy/  
/api/2.0/fo/compliance/fdcc/policy/  
action={list}&  
echo_request={0|1}&  
details={Basic|All|None}&  
ids={id,range...}&  
id_min={id}&  
id_max={id}&  
updated_after_datetime={date/time}&  
created_after_datetime={date/time}&
```

Policy Export: (GET + POST)

```
/api/2.0/fo/compliance/policy/  
action=export&  
echo_request={0|1}&  
id={value}& -or- title={value}&  
show_user_controls={0|1}&  
show_appendix = {0|1}
```

Policy Import: (POST)

```
/api/2.0/fo/compliance/policy/  
action=import&  
echo_request={0|1}&  
xml_file&  
title={value}&  
create_user_controls={0|1}&
```

Policy - Manage Asset Groups: (POST)

```
/api/2.0/fo/compliance/policy/  
action={add_asset_group_ids|  
set_asset_group_ids|remove_asset_group_ids}&  
echo_request={0|1}&  
id={value}&  
asset_group_ids={value}&
```

List Posture Info: (GET + POST)

```
/api/2.0/fo/compliance/posture/info/  
action={list}&  
policy_id={id} or policy_ids={id1,id2,...}&  
echo_request={0|1}&  
output_format={xml|csv|csv_no_metadata}&  
details={Basic|Light|All|None}&  
ips={ip,range...}&  
host_ids={id,id...}&  
control_ids={id,id...}&  
ids={id,range...}&  
id_min={id}&  
id_max={id}&  
status_changes_since={date/time}&  
asset_group_ids={value}&  
status={Passed|Failed|Error}&  
show_remediation_info={0|1}&  
truncation_limit={value}&  
criticality_labels={value}&  
criticality_values={value}&  
include_dp_name={value}&  
tag_set_by={id|name}&  
tag_include_selector={all|any}&  
tag_exclude_selector={all|any}&  
tag_set_include={value}&  
tag_set_exclude={value}&
```

Notes: Up to 10 policies for "policy_ids".

Policy Merge: (GET + POST)

```
/api/2.0/fo/compliance/policy/  
action={merge}&  
id={id}&  
merge_policy_id={id} or {policy XML data}&  
replace_cover_page={0|1}&  
replace_asset_groups={0|1}&
```

add_asset_groups={0|1}&
add_new_technologies={0|1}&
add_new_controls={0|1}&
update_section_heading={0|1}&
update_existing_controls={0|1}&
preview_merge={0|1}&

Exceptions

List Exceptions: (GET + POST)

/api/2.0/fo/compliance/exception/
action={list}&
exception_number={value}&
ip={value}&
network_name={value}&
status={value}&
control_id={value}&
control_statement={value}&
policy_id={value}&
technology_name={value}&
assignee_id={value}&
created_by={value}&
modified_by={value}&
details={Basic|All|None}&
is_active={0|1}&
created_after_date={mm/dd/yyyy}&
updated_after_date={mm/dd/yyyy}&
expired_before_date={mm/dd/yyyy}&
expired_after_date={mm/dd/yyyy}&
exception_numbers={value}&
exception_number_min={value}&
exception_number_max={value}&
truncation_limit={value}&

Request Exceptions: (POST)

/api/2.0/fo/compliance/exception/
action={request}&
control_id={value}&
host_id={value}&
policy_id={value}&
technology_id={value}&
instance_string={value}&
assign_to={value}&

comments={value}&
reopen_on_evidence_change={0|1}&

Update Exceptions: (POST)

/api/2.0/fo/compliance/exception/
action={update}&
exception_numbers={value}&
comments={value}&
reassign_to={value}&
reopen_on_evidence_change={0|1}&
status={Pending|Approved|Rejected}&
end_date={mm/dd/yyyy}&

Delete Exceptions: (POST)

/api/2.0/fo/compliance/exception/
action={delete}&
exception_numbers={value}&

ARF Report

SCAP Scan Results: (GET + POST)

/api/2.0/fo/compliance/scap/arf/
scan_id={id}&
ips={ip,range...}&
ips_network_id={value}&

Cyberscope Report

SCAP Scan Results: (GET + POST)

/api/2.0/fo/asset/host/cyberscope/fdcc/scan/
scan_id={id}&
scan_ref={ref}&
ips={ip,range...}&
organisation_name1={name1}&
organisation_name2={name2}&
organisation_name3={name3}&

Notes: “scan_id” or “scan_ref” is required.

SCAP Policy Results: (GET + POST)

/api/2.0/fo/asset/host/cyberscope/fdcc/policy/
policy_id={id}&
ips={ip,range...}&
ag_ids={id,id...}&
organisation_name1={name1}&

organisation_name2={name2}&
organisation_name3={name3}&

Notes: All FDCC scanned hosts for the FDCC policy are included unless the filters “ip” and/or “ag_ids” are specified.

SCAP Global Results: (GET + POST)

/api/2.0/fo/asset/host/cyberscope/
ips={ip,range...}&
ag_ids={id,id...}&
organisation_name1={name1}&
organisation_name2={name2}&
organisation_name3={name3}&

Notes: “ips” or “ag_ids” is required. VM scan data is reported in the datapoint <sr:DataPoint id: “vulnerability_management_product_vulnerabilities”>

SCAP Policy List: (GET + POST)

/api/2.0/fo/compliance/fdcc_policy/
action={list}&
echo_request={0|1}
details={Basic|All|None}
ids={value}
id_min={value}
id_max={value}

Users

API v1 guide

user.php? (GET + POST)

Add User:

action={add}&
send_email={0|1}&
user_role={manager|unit_manager|scanner|reader|contact}&
business_unit={Unassigned|{value}}&

Edit User:

action={edit}&
login={login}&

Permissions Info (Add or Edit User):

asset_groups={value,value...}&
ui_interface_style={standard_blue|navy_blue|coral_red|olive_green|accessible_high_contrast}&

Notes: 1) “asset_groups” applies only to Scanner, Reader and Contact. 2) For an add request, “ui_interface_style” is set to standard_blue when unspecified.

General Info (Add or Edit User):

first_name={value}&
last_name={value}&
title={value}&
phone={value}&
fax={value}&
email={value}&
address1={value}&
address2={value}&
city={value}&
country={value}&
state={value}&
zip_code={value}&
external_id={value}&
time_zone_code={code or null to set to browser’s timezone}&

Notes: 1) Required contact info for add request in bold above. For edit request, all contact info is optional. 2) “state” is required for some country codes.

Activate/Deactivate Request:

action={activate|deactivate}&
login={login}&

user_list.php? (GET + POST)

external_id_contains={string}&
external_id_assigned={0|1}&

action_log_report.php? (GET POST)

date_from={date/time}&
date_to={date/time}&
user_login={login}&

password_change.php? (GET POST)

user_logins={login,login...|all}&
email={0|1}&

Activity Log v2

API v2 guide

(/api/2.0/fo/activity_log/)

Export user activity log (GET + POST)

```
action={list}&
user_action={value}&
action_details={user_logged in|user_logged
out}&
username={value}&
user_role={Manager|Unit
Manager|Auditor|Scanner|Reader|KnowledgeB
ase Only|Remediation User|Contact}&
since_datetime={YYYY-MM-DD HH:ii:ss}&
until_datetime={YYYY-MM-DD HH:ii:ss}&
output_format=CSV
truncation_limit={value}&
```

Activity Log v1

API v1 guide

action_log_report.php Function

(/msp/action_log_report.php)

```
action={list}&
date_from={YYYY-MM-DD HH:ii:ss}
date_to={YYYY-MM-DD HH:ii:ss}
user_login={value}
```



Cloud Agent API

Use these API calls to manage, activate, and configure your cloud agents.

[Agent Management](#) | [Activation Key](#) | [Configuration Profile](#)

Looking for more information? No problem. Click [CA API guide](#) for [Qualys Cloud Agent API User Guide](#)

Agent Management CA API guide

Current agent count

`/qps/rest/2.0/count/am/hostasset` (POST)

Filters (optional):

id (Long)
name (String)
created (Date)
updated (Date)
tagName (String) /Cloud Agent

Notes: To get a count of agents installed, nothing other than the filter tagName EQUALS Cloud Agent is recommended. The more filters added to the request will result in a more refined count.

List agents

`/qps/rest/2.0/search/am/hostasset` (POST)

Required:

tagName (String) /Cloud Agent

Optional:

[Click here](#) for AM and Tagging API User Guide

Activate a single agent

`/qps/rest/2.0/activate/am/asset/<id>?module=<value>,<value>` (POST)

Activate agents in bulk

`/qps/rest/2.0/activate/am/asset?module=<value>,<value>` (POST)

Filters (optional):

id (Long)
name (String)
created (Date)
updated (Date)
tagName (String) /Cloud Agent

Notes: To activate all agents installed, nothing other than the filter tagName EQUALS Cloud Agent is recommended. The more filters added to the request we'll activate a more refined list of agents.

Deactivate a single agent

`/qps/rest/2.0/deactivate/am/asset/<id>?module=<value>,<value>` (POST)

Deactivate agents in bulk

`/qps/rest/2.0/deactivate/am/asset?module=<value>,<value>` (POST)

Filters (optional):

id (Long)
name (String)
created (Date)
updated (Date)
tagName (String) /Cloud Agent

Notes: To deactivate all agents installed, nothing other than the filter tagName EQUALS Cloud Agent is recommended. The more filters added to the request we'll deactivate a more refined list of agents.

Uninstall a single agent

`/qps/rest/2.0/uninstall/am/asset/<id>` (POST)

Uninstall agents in bulk

/qps/rest/2.0/uninstall/am/asset (POST)

Filters (optional):

id (Long)
name (String)
created (Date)
updated (Date)
tagName (String) /Cloud Agent

Notes: To uninstall all agents, nothing other than the filter tagName EQUALS Cloud Agent is recommended. The more filters added to the request we'll uninstall a more refined list of agents.

Activation Key

CA API guide

Get a single activation key

/qps/rest/1.0/get/ca/agentactkey/<id> (GET)

Search activation keys

/qps/rest/1.0/search/ca/agentactkey/ (POST)

Filters (optional):

type (string)
countPurchased (Integer)
expireDate (Date)
modules (string)
tags (string)
isDisabled (boolean)

Create an activation key

/qps/rest/1.0/create/ca/agentactkey/ (POST)

Filters (optional):

type (string)
countPurchased (Integer)
expireDate (Date)
modules (string)
tags (string)

Delete an activation key

/qps/rest/1.0/delete/ca/agentactkey/<id> (POST)

Update an activation key

/qps/rest/1.0/update/ca/agentactkey/<id> (POST)

Filters (optional):

id (Integer)
type (string)
countPurchased (Integer)
expireDate (Date)
modules (string)
tags (string)
isDisabled (boolean)
applyOnAgents (boolean)

Configuration Profile

CA API guide

Get a single configuration profile

/qps/rest/1.0/get/ca/agentconfig/<id> (GET)

Search configuration profiles

/qps/rest/1.0/search/ca/agentconfig/ (POST)

Filters (optional):

name (string)
id (Integer)

Create a configuration profile

/qps/rest/1.0/create/ca/agentconfig/ (POST)

Filters (optional):

name (string)
description (string)
priority (Integer)
isDefault (Integer)
suspendScanning (boolean)
tags (string)
blackoutConfig (string)
performanceProfile (string)
id (Integer)

Delete a configuration profile

/qps/rest/1.0/delete/ca/agentconfig/<id> (POST)

Update a configuration profile

/qps/rest/1.0/update/ca/agentconfig/ (POST)

Filters (optional):

name (string)

description (string)

priority (Integer)

isDefault (Integer)

suspendScanning (boolean)

tags (string)

blackoutConfig (string)

performanceProfile (string)

id (Integer)



Asset Management & Tagging API

Use these API calls to manage assets, tags and access to your assets.

[Networks](#) | [Assets](#) | [Asset Groups](#) | [Tag](#) | [Host Asset](#) | [Asset](#) | [Host Instance Vulnerability](#) | [Asset Data Connector](#) | [Asset Data Connector](#) | [AWS Asset Data Connector](#) | [AWS Authentication Record](#)

Looking for more information? No problem. Click [API v1 guide](#) for [Qualys API v1 User Guide](#) [API v2 guide](#) for [Qualys API v2 User Guide](#) [Network API v2 guide](#) for [Qualys API Network Support Guide](#) [AM API v2 guide](#) for [Qualys Asset Management and Tagging API v2 User Guide](#)

Networks

[Network API v2 guide](#)

/api/2.0/fo/network/

Network List: (GET + POST)

```
action={list}&
echo_request={0|1}&
ids={id1,id2...}&
```

Network: (POST)

```
action={create|update}&
name={value}&
echo_request={0|1}&
```

Assets

[API v2 guide](#)

IP Assets

/api/2.0/fo/asset/ip/

List IPs: (GET + POST)

```
action={list}&
```

```
echo_request={0|1}&
ips={ip,range...}&
tracking_method={IP|DNS|NETBIOS}&
compliance_enabled={0|1}&
network_id={id}&
```

Add IPs: (POST)

```
action={add}&
echo_request={0|1}&
ips={value} -or- {POSTed CVS raw data}&
tracking_method={value}&
enable_vm={0|1}&
enable_pc={0|1}&
owner={value}&
ud1 | ud2 | ud3={value}&
comment={value}&
ag_title={value}&
```

Update IPs: (POST)

```
action={update}&
echo_request={0|1}&
ips={value} -or- {POSTed CVS raw data}&
tracking_method={value}&
host_dns={name} -or- host_netbios={name}&
owner={value}&
ud1={value}&
ud2={value}&
ud3={value}&
comment={value}&
```

Host Assets

/api/2.0/fo/asset/host/

Host List: (GET + POST)

```
action={list}&
echo_request={0|1}&
details={Basic|Basic/AGs|All|All/AGs|None}&
ips={ip,range...}&
ids={id,range...}&
```

ag_ids={value,value...}&
ag_titles={value,value...}&
id_min={id}&
id_max={id}&
no_vm_scan_since={date/time}&
vm_scan_since={date/time}&
no_compliance_scan_since={date/time}&
compliance_scan_since={date/time}&
vm_processed_before={date}&
vm_processed_after={date}&
vm_scan_date_before={date}&
vm_scan_date_after={date}&
vm_auth_scan_date_before={date}&
vm_auth_scan_date_after={date}&
compliance_enabled={0|1}&
os_pattern={PCRE regex}&
use_tags={0|1}&
tag_set_by={id|name}&
tag_include_selector={all|any}&
tag_exclude_selector={all|any}&
tag_set_include={value}&
tag_set_exclude={value}&
show_tags={0|1}&
truncation_limit={value}&
network_ids={id1,id2...}&
*host_metadata={value}&
host_metadata_fields={accountId|region|availabilityZone|instanceId|instanceType|imageId|kernelId}

Notes: host_metadata supports fetching only EC2 assets.

Purge Hosts: (POST)

action={purge}&
echo_request={0|1}&
*ips={ip,range...}&
*ids={id,range...}&
*ag_ids={value,value...}&
*ag_titles={value,value...}&
no_vm_scan_since={date/time}&
no_compliance_scan_since={date/time}&
compliance_enabled={0|1}&
os_pattern={PCRE regex}&

network_ids={id1,id2...}&

Host Detection Assets

/api/2.0/fo/asset/host/vm/detection/

Host Detection List: (GET + POST)

action={list}&
echo_request={0|1}&
ids={id,range...}&
id_min={id}&
id_max={id}&
ips={ip,range...}&
ag_ids={value,value...}&
ag_titles={value,value...}&
use_tags={0|1}&
tag_set_by={id|name}&
tag_include_selector={all|any}&
tag_exclude_selector={all|any}&
tag_set_include={value}&
tag_set_exclude={value}&
show_tags={0|1}&
vm_scan_since={date/time}&
no_vm_scan_since={date/time}&
max_days_since_last_vm_scan={date|time}&
compliance_enabled={0|1}&
os_pattern={PCRE regex}&
qids={value}&
severities={value}&
show_igs={0|1}&
show_results={0|1}&
show_reopened_info={0|1}&
output_format={XML|CSV|

CSV_NO_METADATA}&
suppress_duplicated_data_from_csv={0|1}&
truncation_limit={value}&
status={New,Active,Re-Opened,Fixed}&
*include_search_list_titles={value}&
*exclude_search_list_titles={value}&
*include_search_list_ids={value}&
*exclude_search_list_ids={value}&
active_kernels_only={0|1|2|3}&
network_ids={id1,id2...}&

detection_updated_before={date}
detection_updated_since={date}&
max_days_since_detection_updated={value}&
*host_metadata={value}&
host_metadata_fields={accountId|region|availabilityZone|instanceId|instanceType|imageId|kernelId}

Notes: 1) *include/exclude cannot be specified with “qids” or “severities” in same request. Search list titles and IDs cannot be included/excluded in the same request. “show_igs” is required if included search lists contain only Information Gathered.

2) A request with “max_days_since_vm_scan” cannot also include “vm_scan_since” or “no_vm_scan_since”.

3) A request with “max_days_since_detection_updated” cannot also include “detected_updated_since”.

4) host_metadata supports fetching only EC2 assets.

Excluded Hosts

Excluded Hosts List: (GET + POST)

/api/2.0/fo/asset/excluded_ip/
action={list}&
echo_request={0|1}&
ips={ip,range...}&
network_id={id}&

Excluded Hosts Change History: (GET + POST)

/api/2.0/fo/asset/excluded_ip/history/
action={list}&
echo_request={0|1}&
ips={ip,range...}&
ids={id,range...}&
id_min={id}&
id_max={id}&
network_id={id}&

Manage Excluded Hosts: (POST)

/api/2.0/fo/asset/excluded_ip/
action={add|remove|remove_all}&
echo_request={0|1}&
ips={ip,range...}&
comment={value}&

expiry_days={value}& (for action=add)
dg_names={value}& (for action=add)
network_id={value}&

Notes: “ips” is invalid for “remove_all”.

Virtual Host Assets

/api/2.0/fo/asset/vhost/

Virtual Host List: (GET + POST)

action={list}&
echo_request={0|1}&
ip={ip}&
port={port}&

Virtual Host: (POST)

action={create|update|delete|add_fqdn|delete_fqdn}&
echo_request={0|1}&
ip={ip}&
port={port}&
fqdn={fqdn}&

Notes: “fqdn” is invalid for “delete_fqdn”.

IPv6 Host Assets

/api/2.0/fo/asset/ip/v4_v6/

IPv6 Mapping Records List: (GET + POST)

action={list}&
echo_request={0|1}&
id_min={id}&
id_max={id}&
ipv4_filter={value}&
ipv6_network={value}&
output_format={csv|xml}&
truncation_limit={value}&

Notes: Subscription authorization is required.

Add IPv6 Mapping Records: (POST)

action={add}&
echo_request={0|1}&
csv_data={value}&
xml_data={value}&
all_or_nothing={0|1}&

Notes: Subscription authorization is required to use. “csv_data” or “xml_data” is required

Remove IPv6 Mapping Records: (POST)

```
action={remove}&
echo_request={0|1}&
csv_data={value}&
xml_data={value}&
```

Notes: Subscription authorization is required to use. “csv_data” or “xml_data” is required

Restricted IPs

/api/2.0/fo/setup/restricted_ips/

Manage Restricted IPs: (GET + POST)

```
action={list|activate|add|delete|replace|clear}&
echo_request={0|1}&
enable={0|1}&
ips={value} or CSV raw data upload&
output_format={CSV|XML}
```

Asset Data

API v1 guide

asset_data_report.php? (GET)

```
template_title={value}&
template_id={value}&
```

Notes: one parameter is required

asset_range_info.php? (GET)

```
target_ips={ip,range...}&
target_asset_groups={value,value...}&
```

Notes: one or both parameters is required

get_host_info.php? (GET)

```
host_ip={ip}&
host_dns={hostname}&
host_netbios={hostname}&
vuln_severity={1,2,3,4,5|all|none}&
potential_vuln_severity={1,2,3,4,5|all|none}&
ig_severity={1,2,3,4,5|all|none}&
general_info={0|1}&
vuln_details={0|1}&
ticket_details={0|1}&
```

Notes: One of these parameters is required: host_ip or host_dns or host_netbios

Asset Groups

API v2 guide

/api/2.0/fo/asset/group/

Asset Group List: (GET + POST)

```
action={list}&
echo_request={0|1}&
ids={id,id,id...}&
id_min={id}&
id_max={id}&
truncation_limit={value}&
network_ids={id,id,id...}&
unit_id={value}&
user_id={value}&
```

show_attributes={None or a comma-separated list of: TITLE, OWNER, NETWORK_IDS, LAST_UPDATE, IP_SET, APPLIANCE_LIST, DOMAIN_LIST, DNS_LIST, NETBIOS_LIST, EC2_ID_LIST, HOST_IDS, USER_IDS, UNIT_IDS, BUSINESS_IMPACT, CVSS}

Add Asset Group: (POST)

```
action={add}&
echo_request={0|1}&
title={value}&
network_id={value}&
comments={value}&
division={value}&
location={value}&
function={value}&
business_impact={critical|high|medium|low|none}&
ips={value}&
appliance_ids={value}&
default_appliance_id={value}&
domains={value}&
dns_names={value}&
netbios_names={value}&
cvss_enviro_cdp={high|medium-high|low-medium|low|none}&
cvss_enviro_td={high|medium|low|none}&
cvss_enviro_cr={high|medium|low}&
```

```
cvss_enviro_ir={high|medium|low}&  
cvss_enviro_ar={high|medium|low}&
```

Edit/Delete Asset Group: (POST)

```
action={edit}&  
echo_request={0|1}&  
id={value}&  
{Edit only parameters below}  
set_title={value}&  
set_comments={value}&  
set_division={value}&  
set_location={value}&  
set_function={value}&  
set_business_impact={critical|high|medium|low  
|none }&  
add|remove|set_ips={value}&  
add|remove|set_appliance_ids={value}&  
set_default_appliance_id={value}&  
add|remove|set_domains={value}&  
add|remove|set_dns_names={value}&  
add|remove|set_netbios_names={value}&  
set_cvss_enviro_cdp={high|medium-high|low-  
medium|low|none}&  
set_cvss_enviro_td={high|medium|low|none}&  
set_cvss_enviro_cr={high|medium|low}&  
set_cvss_enviro_ir={high|medium|low}&  
set_cvss_enviro_ar={high|medium|low}&
```

Tag

AM API v2 guide

Get details on a tag

```
/qps/rest/2.0/get/am/tag<id> (GET + POST)
```

Required:
id (long)

Create a tag

```
/qps/rest/2.0/create/am/tag (POST)
```

Update a tag

```
/qps/rest/2.0/update/am/tag/<id> (POST)  
/qps/rest/2.0/update/am/tag (POST)
```

Search tags

```
/qps/rest/2.0/search/am/tag (POST)
```

Filters:

```
id (Long)  
name (string)  
parentTagId (long)  
ruleType (STATIC, GROOVY, OS_REGEX,  
NETWORK_RANGE, NAME_CONTAINS,  
INSTALLED_SOFTWARE, OPEN_PORTS,  
VULN_EXIST, ASSET_SEARCH)  
color (string formatted as #FFFFFF where F can be  
any value between color (0-9 and A-F)
```

Count tags

```
/qps/rest/2.0/count/am/tag (POST)
```

Delete tag

```
/qps/rest/2.0/delete/am/tag/<id> (POST)  
/qps/rest/2.0/delete/am/tag (POST)
```

Evaluate tag

```
/qps/rest/2.0/evaluate/am/tag/<id> (POST)  
/qps/rest/2.0/evaluate/am/tag (POST)
```

Host Asset

AM API v2 guide

Get details on a host asset

```
/qps/rest/2.0/get/am/hostasset/<id> (GET + POST)
```

Required:
id (long)

Create a host asset

```
/qps/rest/2.0/create/am/hostasset (POST)
```

Update host asset

```
/qps/rest/2.0/update/am/hostasset/<id> (POST)  
/qps/rest/2.0/update/am/hostasset (POST)
```

Search host assets

/qps/rest/2.0/search/am/hostasset (POST)

Filters:

qwebHostId (long)
lastVulnScan (date)
lastComplianceScan (date)
informationGatheredUpdated (date)
os (string)
dnsHostName (string)
netbiosName (string)
netbiosNetworkID (string)
networkGuid (string)
trackingMethod (AssetTrackingMethod)
port (integer)
installedSoftware (string)

Count host assets

/qps/rest/2.0/count/am/hostasset (GET + POST)

Delete host asset

/qps/rest/2.0/delete/am/hostasset/<id> (POST)

/qps/rest/2.0/delete/am/hostasset/ (POST)

Activate host asset

/qps/rest/2.0/activate/am/hostasset/<id>?module=QWEB_VM (POST)

/qps/rest/2.0/activate/am/hostasset?module=QWEB_VM (POST)

/qps/rest/2.0/activate/am/hostasset/<id>?module=QWEB_PC (POST)

/qps/rest/2.0/activate/am/hostasset?module=QWEB_PC (POST)

Asset

AM API v2 guide

Get details on an asset

/qps/rest/2.0/get/am/asset/<id> (GET + POST)

Required:

id (long)

Update asset

/qps/rest/2.0/update/am/asset/<id> (POST)

/qps/rest/2.0/update/am/asset (POST)

Search assets

/qps/rest/2.0/search/am/asset (POST)

Filters:

id (long)
name (string)
created (date)
updated (date)
type (UNKNOWN, HOST, SCANNER, WEBAPP, MALWARE_DOMAIN)
tagName (string)
tagId (string)

Count assets

/qps/rest/2.0/count/am/asset (POST)

Delete asset

/qps/rest/2.0/delete/am/asset/<id> (POST)

/qps/rest/2.0/delete/am/asset (POST)

Activate asset

/qps/rest/2.0/activate/am/asset/<id>?module=QWEB_VM (POST)

/qps/rest/2.0/activate/am/asset?module=QWEB_VM (POST)

/qps/rest/2.0/activate/am/asset/<id>?module=QWEB_PC (POST)

/qps/rest/2.0/activate/am/asset?module=QWEB_PC (POST)

Host Instance Vulnerability

AM API v2 guide

Get details on a vulnerability

/qps/rest/2.0/get/am/hostinstancevuln/<id> (GET + POST)

Filter (optional):

id (long)

Search vulnerabilities

/qps/rest/2.0/search/am/hostinstancevuln (POST)

Filters (optional):

id (long)

name (string)

parentTagId (long)

ruleType (STATIC, GROOVY, OS_REGEX,
NETWORK_RANGE, NAME_CONTAINS,
INSTALLED_SOFTWARE, OPEN_PORTS,
VULN_EXIST, ASSET_SEARCH)

color (string formatted as #FFFFFF where F can be
any value between color (0-9 and A-F)

Count vulnerabilities

/qps/rest/2.0/count/am/hostinstancevuln (POST)

Asset Data Connector AM API v2 guide

Get details on a connector

/qps/rest/2.0/get/am/assetdataconnector/<id>
(GET + POST)

Filter (optional):

id (Integer)

Update connector

/qps/rest/2.0/update/am/assetdataconnector/<id>
(POST)

/qps/rest/2.0/update/am/assetdataconnector (POST)

Search connectors

/qps/rest/2.0/search/am/assetdataconnector (POST)

Filters:

id (long)

name (string)

lastSync (date)

lastError (date)

connectorState (PENDING, RUNNING, SUCCESS or
Error)

activation (VM or PC)

defaultTags.name (string)

defaultTag (long)

disabled (Boolean)

Count connectors

/qps/rest/2.0/count/am/assetdataconnector (POST)

Delete connector

/qps/rest/2.0/delete/am/assetdataconnector/id>
(POST)

/qps/rest/2.0/delete/am/assetdataconnector (POST)

Run connector

/qps/rest/2.0/run/am/assetdataconnector/<id>
(POST)

/qps/rest/2.0/run/am/assetdataconnector/<id>
(POST)

AWS Asset Data Connector AM API v2 guide

Get details on an AWS connector

/qps/rest/2.0/get/am/awssassetdataconnector/<id>
(GET + POST)

Filter (optional):

id (Integer)

Create AWS connector

/qps/rest/2.0/create/am/awssassetdataconnector
(POST)

Optional:

isGovCloudConfigured (Boolean)

Update AWS connector

/qps/rest/2.0/update/am/awssassetdataconnector/<id>
> (POST)

/qps/rest/2.0/update/am/awssassetdataconnector
(POST)

Optional:

isGovCloudConfigured (Boolean)

Search AWS connectors

/qps/rest/2.0/search/am/awsassetdataconnector
(POST)

Filters:

id (long)
name (string)
lastSync (date)
lastError (date)
connectorState (PENDING, RUNNING, SUCCESS or Error)
activation (VM or PC)
defaultTags.name (string)
allRegions (Boolean)
serviceType (AwsServiceType)
endpoint.region (string)
authRecord (long)
authRecord.name (string)
disabled (Boolean)

Count AWS connectors

/qps/rest/2.0/count/am/awsassetdataconnector
(POST)

Delete AWS connector

/qps/rest/2.0/delete/am/awsassetdataconnector/id>
(POST)
/qps/rest/2.0/delete/am/awsassetdataconnector
(POST)

Run AWS connector

/qps/rest/2.0/run/am/awsassetdataconnector/<id>
(POST)
/qps/rest/2.0/run/am/awsassetdataconnector/<id>
(POST)

AWS Authentication Record AM API v2 guide

Get details on AWS record

/qps/rest/2.0/get/am/awsauthrecord/<id>
(GET + POST)

Filter (optional):

id (Integer)

Create AWS record

/qps/rest/2.0/create/am/awsauthrecord (POST)

Update AWS record

/qps/rest/2.0/update/am/awsauthrecord/<id> (POST)
/qps/rest/2.0/update/am/awsauthrecord (POST)

Search AWS records

/qps/rest/2.0/search/am/awsauthrecord (POST)

Filters:

id (long)
name (string)
description (string)
created (date)
modified (date)

Count AWS records

/qps/rest/2.0/count/am/awsauthrecord (POST)

Delete AWS record

/qps/rest/2.0/delete/am/awsauthrecord/id> (POST)
/qps/rest/2.0/delete/am/awsauthrecord (POST)



Continuous Monitoring API

Use these API calls to manage alerts, profiles, rule sets, and rules to monitor your assets.

[Alerts](#) | [Profiles](#) | [Rulesets](#) | [Rules](#)

Looking for more information? No problem. Click [CM API guide](#) for [Qualys Continuous Monitoring API User Guide](#)

Alerts

[CM API guide](#)

Search alerts

/qps/rest/1.0/search/cm/alert (POST)

Filters (optional):

id (Integer)
eventType (HOST_FOUND, HOST_UPDATED, HOST_PURGED, PORT_OPEN, PORT_CHANGED, PORT_CLOSED, SOFTWARE_ADDED, SOFTWARE_REMOVED, SSL_NEW, SSL_EXPIRED, SSL_EXPIRY, TICKET_OPEN, TICKET_RESOLVED, TICKET_CLOSED, VULN_OPEN, VULN_CLOSED, VULN_REOPENED, VULN_ACTIVE, VULN_PREDICTION_ADDED, VULN_PREDICTION_CHANGED, VULN_PREDICTION_CLOSED)
ipAddress (Text)
hostname (Text)
isHidden (Boolean)
eventDate (Date)
alertDate (Date)
profileTitle (Text)

View details on an alert

/qps/rest/1.0/get/cm/alert/<id> (GET, POST)

Required:

id (Integer) /alert ID

Download alerts

/qps/rest/1.0/download/cm/alert (POST)

Required:

format (csv|cef)

Filters (optional):

id (Integer)
eventType (Keyword - see Search above)
ipAddress (Text)
hostname (Text)
isHidden (Boolean)
eventDate (Date)
alertDate (Date)
profileTitle (Text)

Profiles

[CM API guide](#)

Search profiles

/qps/rest/1.0/search/cm/profile (POST)

Filters (optional):

id (Integer)
title (Text)
uuid (Integer)
frequency (FREQ_NEVER, FREQ_5_MINUTES, FREQ_20_MINUTES, FREQ_1_HR, FREQ_2_HRS, FREQ_6_HRS, FREQ_12_HRS, FREQ_WEEKLY, FREQ_DAILY)
isActive (Boolean)
ruleSetTitle (Text)

View details on an profile

/qps/rest/1.0/get/cm/profile/<id> (GET, POST)

Required:

id (Integer) /profile ID

Rulesets

CM API guide

Search rulesets

/qps/rest/1.0/search/cm/ruleset (POST)

Filters (optional):

id (Integer)

title (Text)

description (Text)

dateCreated (Date)

dateUpdated (Date)

View details on a ruleset

/qps/rest/1.0/get/cm/ruleset/<id> (GET, POST)

Required:

id (Integer) /ruleset ID

Rules

CM API guide

Search rules

/qps/rest/1.0/search/cm/rule (POST)

Filters (optional):

id (Integer)

ruleType (HOST, VULN, PORT, SSL, SW)

View details on a rule

/qps/rest/1.0/get/cm/rule/<id> (POST)

Required:

id (Integer) /rule ID



Web Application Scanning API

Use these API calls to scan and report on web applications.

[Web Application](#) | [Authentication](#) | [Scan](#) | [Schedule](#) | [Option Profile](#) | [Report](#) | [Report Creation](#) | [Findings](#) | Burp

Looking for more information? No problem. Click [WAS API guide](#) for [Qualys Web Application Scanning API User Guide](#)

Web Application

[WAS API guide](#)

Current web application count

`/qps/rest/3.0/count/was/webapp` (GET + POST)

Filters (optional):

id (Integer)
name (Text)
url (Text)
tags.name (Text)
tags.id (Integer)
createdDate (Date)
updatedDate (Date)
isScheduled (Boolean)
isScanned (Boolean)
lastScan.status (SUBMITTED, RUNNING, FINISHED, CANCELED, ERROR)
lastScan.date (Date)

Search web applications

`/qps/rest/3.0/search/was/webapp` (POST)

Filters (optional):

id (Integer)
name (Text)
url (Text)
tags.name (Text)

tags.id (Integer)
createdDate (Date)
updatedDate (Date)
isScheduled (Boolean)
isScanned Boolean)
lastScan.date (Date)
lastScan.status (SUBMITTED, RUNNING, FINISHED, CANCELED, ERROR)

Get details for a web application

`/qps/rest/3.0/get/was/webapp/<id>` (GET)

Required:

id (Integer) /web application ID

Create a web application

`/qps/rest/3.0/create/was/webapp` (POST)

Required:

name (Text)
url (Text)

Optional:

[Click here](#) for WAS API User Guide

Update a web application

`/qps/rest/3.0/update/was/webapp/<id>` (POST)

Required:

id (Integer)

Optional:

[Click here](#) for WAS API User Guide

Delete web applications

`/qps/rest/3.0/delete/was/webapp/<id>` (POST)

`/qps/rest/3.0/delete/was/webapp/<filters>` (POST)

Required:

id (Integer) /web application ID

Filters (optional):

name (Text)
url (Text)
tags.name (Text)

tags.id (Integer)
createdDate (Date)
updatedDate (Date)
isScheduled (Boolean)
isScanned (Boolean)
lastScan.status (SUBMITTED, RUNNING,
FINISHED, CANCELED, ERROR)
lastScan.date (Date)

Purge web applications

/qps/rest/3.0/purge/was/webapp/<id> (POST)
/qps/rest/3.0/purge/was/webapp/<filters> (POST)

Required:

id (Integer) /web application ID

Filters (optional):

name (Text)
url (Text)
tags.name (Text)
tags.id (Integer)
createdDate (Date)
updatedDate (Date)
isScheduled (Boolean)
isScanned (Boolean)
lastScan.status (SUBMITTED, RUNNING,
FINISHED, CANCELED, ERROR)
lastScan.date (Date)

Authentication

WAS API guide

Current authentication record count

/qps/rest/3.0/count/was/webappauthrecord
(POST + GET)

Filters (optional):

id (Integer)
name (Text)
tags (Integer)
tags.id (Integer)
tags.name (Text)
createdDate (Date)
updatedDate (Date)
lastScan.date (Date)
lastScan.authStatus (NOT_USED,

SUCCESSFUL, FAILED, PARTIAL)
isUsed (Boolean)
contents (FORM_STANDARD,
FORM_CUSTOM, FORM_SELENIUM,
SERVER_BASIC, SERVER_DIGEST)

Search authentication records

/qps/rest/3.0/search/was/webappauthrecord (POST)

Filters (optional):

id (Integer)
name (Text)
tags (Integer)
tags.id (Integer)
tags.name (Text)
createdDate (Date)
updatedDate (Date)
lastScan.date (Date)
lastScan.authStatus (NOT_USED,
SUCCESSFUL, FAILED, PARTIAL)
isUsed (Boolean)
contents (FORM_STANDARD,
FORM_CUSTOM, FORM_SELENIUM,
SERVER_BASIC, SERVER_DIGEST)

Get details for an authentication record

/qps/rest/3.0/get/was/webappauthrecord/<id> (GET)

Required:

id (Integer) /Authentication record ID

Create a new authentication record

/qps/rest/3.0/create/was/webappauthrecord (POST)

Required:

name (Text)
WebAuthRecord (Text)

Optional:

tags
comments

Update an authentication record

/qps/rest/3.0/update/was/webappauthrecord/<id>
(POST)

Required:

id (Integer) /Authentication record ID

Delete authentication records

/qps/rest/3.0/delete/was/webappauthrecord/<id>
(POST)
/qps/rest/3.0/delete/was/webappauthrecord (POST)

Filters (optional):

id (Integer)
name (Text)
tags
createdDate (Date)
updatedDate (Date)
lastScan.date (Date)
lastScan.authStatus (Text)
isUsed (Boolean)
contents

Scan

WAS API guide

Current scan count

/qps/rest/3.0/count/was/wasscan (POST + GET)

Filters (optional):

id (Integer)
name (Text)
webApp.name (Text)
webApp.id (Integer)
webApp.tags (with operator="NONE")
webApp.tags.id (Integer)
reference (Text)
launchedDate (Date)
type (DISCOVERY, VULNERABILITY)
mode (MANUAL, SCHEDULED, API)
status (SUBMITTED, RUNNING, FINISHED, ERROR, CANCELED)
authStatus (NONE, NOT_USED, SUCCESSFUL, FAILED, PARTIAL)

resultsStatus (NOT_USED, NO_HOST_ALIVE, NO_WEB_SERVICE, PROCESSING, SCAN_RESULTS_INVALID, TIME_LIMIT_REACHED, SERVICE_ERROR, SCAN_INTERNAL_ERROR, SUCCESSFUL, TO_BE_PROCESSED)

Search scans

/qps/rest/3.0/search/was/wasscan (POST)

Filters (optional):

id (Integer)
name (Text)
webApp.name (Text)
webApp.id (Integer)
webApp.tags (with operator="NONE")
webApp.tags.id (Integer)
reference (Text)
launchedDate (Date)
type (DISCOVERY, VULNERABILITY)
mode (MANUAL, SCHEDULED, API)
status (SUBMITTED, RUNNING, FINISHED, ERROR, CANCELED)
authStatus (NONE, NOT_USED, SUCCESSFUL, FAILED, PARTIAL)
resultsStatus (NOT_USED, NO_HOST_ALIVE, NO_WEB_SERVICE, PROCESSING, SCAN_RESULTS_INVALID, TIME_LIMIT_REACHED, SERVICE_ERROR, SCAN_INTERNAL_ERROR, SUCCESSFUL, TO_BE_PROCESSED)

Get scan details

/qps/rest/3.0/get/was/wasscan/<id> (GET)

Required:

id (Integer) /Scan ID

Launch a new scan (single web application)

/qps/rest/3.0/launch/was/wasscan (POST)

Required:

name (Text)
target.webApp.id (Integer)
type (DISCOVERY, VULNERABILITY)
profile.id (Integer) *

Optional:

target.scannerAppliance.type (EXTERNAL, INTERNAL, scannerTags)
target.scannerAppliance.friendlyName (Text)
target.webAppAuthRecord.id (Integer) - or -
target.webAppAuthRecord.isDefault (Boolean)
options
proxy.id (Integer)
dnsOverride.id (Integer)
cancelOption set to DEFAULT - Forces the use of the target web app's cancelScans option if set, else fall back to the one passed in to the API while launching the scan
cancelOption set to SPECIFIC - Always use the cancel scan option passed while launching the scan
sendMail (Boolean)
[Click here](#) for WAS API User Guide

Notes: * The element profile (Text) is required unless the target has a default option profile.

Launch a new scan (multiple web application)

/qps/rest/3.0/launch/was/wasscan (POST)

Required:

name (Text)
target.webApps.id (Integer) or target.tags.id (Integer)
target.tags.included.option (ALL or ANY)₁
target.tags.included.tagList.Tag.id (Integer)₁
type (DISCOVERY or VULNERABILITY)
profile.id (Integer) *

Optional:

target.authRecordOption
target.profileOption
target.scannerOption
target.randomizeScan

[Click here](#) for WAS API User Guide

Notes: * The element profile (Text) is required unless the target has a default option profile.

₁ The element target must have at least tags or web applications specified.

Retrieve the status of a scan

/qps/rest/3.0/status/was/wasscan/<id> (GET)

Required:

id (Integer) /Scan ID

Retrieve the results of a scan

/qps/rest/3.0/download/was/wasscan/<id> (GET)

/qps/rest/2.0/download/was/wasscan/<id> (GET)

Required:

id (Integer) /Scan ID

Cancel an unfinished scan

/qps/rest/3.0/cancel/was/wasscan/<id> (POST)

Required:

id (Integer) /Scan ID

Delete an existing scan

/qps/rest/3.0/delete/was/wasscan/<id> (POST)

/qps/rest/3.0/delete/was/wasscan (POST)

Filters (optional):

id (Integer)
name (Text)
webApp.name (Text)
webApp.id (Integer)
reference (Text)
launchedDate (Date)
type (DISCOVERY, VULNERABILITY)
mode (MANUAL, SCHEDULED, API)
status (SUBMITTED, RUNNING, FINISHED, ERROR, CANCELED)
authStatus (NONE, NOT_USED, SUCCESSFUL, FAILED, PARTIAL)
resultsStatus (NOT_USED, NO_HOST_ALIVE, NO_WEB_SERVICE, PROCESSING, SCAN_RESULTS_INVALID, TIME_LIMIT_REACHED, SERVICE_ERROR, SCAN_INTERNAL_ERROR, SUCCESSFUL, TO_BE_PROCESSED)

Schedule

WAS API guide

Required:

id (Integer) /Scan ID

Current schedule count

/qps/rest/3.0/count/was/wasscanschedule

(POST + GET)

Filters (optional):

id (Integer)

name (Text)

owner.id (Text)

createdDate (Date)

updatedAt (Date)

type (DISCOVERY, VULNERABILITY)

webApp.name (Text)

webApp.id (Integer)

webApp.tags (with operator="NONE")

webApp.tags.id (Integer)

active (Boolean)

invalid (Boolean)

Search schedules

/qps/rest/3.0/search/was/wasscanschedule (POST)

Filters (optional):

id (Integer)

name (Text)

owner.id

createdDate (Date)

active (Boolean)

type (DISCOVERY, VULNERABILITY)

webApp.name (Text)

webApp.id (Integer)

webApp.tags (with operator="NONE")

webApp.tags.id (Integer)

updatedAt (Date)

invalid (Boolean)

lastScan (with operation="NONE")

lastScan.launchedDate (Date)

lastScan.status (SUBMITTED, RUNNING,
FINISHED, ERROR, CANCELED)

multi (Boolean)

Get schedule details

/qps/rest/3.0/get/was/wasscanschedule/<id> (GET)

Create a schedule (single web application)

/qps/rest/3.0/create/was/wasscanschedule (POST)

Required:

name (Text)

target.webApp.id (Integer)

type (DISCOVERY, VULNERABILITY)

profile.id (Integer)*

startDate (Date)

timeZone (Text)

occurrenceType (ONCE, DAILY, WEEKLY,
MONTHLY)

notification (Boolean)

reschedule (Boolean)

Optional:

target.scannerAppliance.type (EXTERNAL,
INTERNAL, scannerTags)

target.scannerAppliance.friendlyName (Text)

target.webAppAuthRecord.id (Integer) - or -

target.webAppAuthRecord.isDefault (Boolean)

options

proxy.id (Integer)

dnsOverride.id (Integer)

cancelOption set to DEFAULT - Forces the use of
the target web app's cancelScans option if set,
else fall back to the one passed in to the API while
launching the scan

cancelOption set to SPECIFIC - Always use the
cancel scan option passed while launching the
scan

sendMail (Boolean)

[Click here](#) for WAS API User Guide

Notes: * The element profile (Text) is required unless
the target has a default option profile.

Create a schedule (multiple web application)

/qps/rest/3.0/create/was/wasscanschedule (POST)

Required:

name (Text)

target.webApps.id (Integer) or target.tags.id (Integer)
target.tags.included.option (ALL or ANY)
target.tags.included.tagList.Tag.id (Integer)
type (DISCOVERY, VULNERABILITY)
profile.id (Integer)*
startDate (Date)
timeZone (Text)
occurrenceType (ONCE, DAILY, WEEKLY, MONTHLY)
notification (Boolean)
reschedule (Boolean)
Optional:
target.authRecordOption
target.profileOption
target.scannerOption
target.randomizeScan
target.authRecordOption
target.scannerAppliance.type (EXTERNAL, INTERNAL, scannerTags)
target.scannerAppliance.friendlyName (Text)
cancelOption set to DEFAULT - Forces the use of the target web app's cancelScans option if set, else fall back to the one passed in to the API while launching the scan
cancelOption set to SPECIFIC - Always use the cancel scan option passed while launching the scan
sendMail (Boolean)

[Click here](#) for WAS API User Guide

Notes: * The element profile (Text) is required unless the target has a default option profile.

Update a schedule

/qps/rest/3.0/update/was/wasscanschedule/<id>
(POST)

Required:

id (Integer) /Schedule ID

Optional:

[Click here](#) for WAS API User Guide

Activate an existing schedule

/qps/rest/3.0/update/was/wasscanschedule/<id>
(POST)

/qps/rest/3.0/activate/was/wasscanschedule/<filters>
(POST)

Required:

id (Integer) /Schedule ID

Filters (optional):

name (Text)

webApp.id (Integer)

webApp.name (Text)

owner.id (Integer)

type (VULNERABILITY, DISCOVERY)

active (Boolean)

invalid (Boolean)

createdDate (Date)

updatedAt (Date)

Deactivate an existing schedule

/qps/rest/3.0/update/was/wasscanschedule/<id>
(POST)

/qps/rest/3.0/deactivate/was/wasscanschedule/<filters>
(POST)

Required:

id (Integer) /Schedule ID

Filters (optional):

name (Text)

webApp.id (Integer)

webApp.name (Text)

owner.id (Integer)

type (VULNERABILITY, DISCOVERY)

active (Boolean)

invalid (Boolean)

createdDate (Date)

updatedAt (Date)

Delete one or more existing schedules

/qps/rest/3.0/delete/was/wasscanschedule/<id>
(POST)

/qps/rest/3.0/delete/was/wasscanschedule/<filters>
(POST)

Required:

id (Integer) /Schedule ID
Filters (optional):
name (Text)
webApp.id (Integer)
webApp.name (Text)
owner.id (Integer)
type (VULNERABILITY, DISCOVERY)
active (Boolean)
invalid (Boolean)
createdDate (Date)
updatedDate (Date)

Download one or more schedules to iCalendar

/qps/rest/3.0/download/was/wasscanschedule/<id>
(POST)
/qps/rest/3.0/download/was/wasscanschedule/<filter
s> (POST)
Filters (optional):
name (Text)
owner.id (Integer)
createdDate (Date)
active (Boolean)
type (VULNERABILITY, DISCOVERY)
webApp.name (Text)
webApp.id (Integer)
updatedDate (Date)
invalid (Boolean)

Option Profile

WAS API guide

Current option profile count

/qps/rest/3.0/count/was/optionprofile (POST + GET)
Filters (optional):
id (Integer)
name (Text)
tags
tags.id (Integer)
tags.name (Text)
createdDate (Date)
updatedDate (Date)
usedByWebApps (Boolean with operator:
EQUALS, NOT EQUALS)
usedBySchedules (Boolean with operator:
EQUALS, NOT EQUALS)
owner.id (Long with operator: EQUALS, IN, NOT
EQUALS, GREATER, LESSER)
owner.name (text with operator: CONTAINS,
EQUALS, NOT EQUALS)
owner.username (text with operator: CONTAINS,
EQUALS, NOT EQUALS)

Search option profiles

/qps/rest/3.0/search/was/optionprofile (POST)
Filters (optional):
id (Integer)
name (Text)
tags
tags.id (Integer)
tags.name (Text)
createdDate (Date)
updatedDate (Date)
usedByWebApps (Boolean with operator:
EQUALS, NOT EQUALS)
usedBySchedules (Boolean with operator:
EQUALS, NOT EQUALS)
owner.id (Long with operator: EQUALS, IN, NOT
EQUALS, GREATER, LESSER)
owner.name (text with operator: CONTAINS,
EQUALS, NOT EQUALS)

owner.username (text with operator: CONTAINS, EQUALS, NOT EQUALS)

Get details for an option profile

/qps/rest/3.0/get/was/optionprofile/<id> (GET)

Required:

id (Integer) /Option profile ID

Create a new option profile

/qps/rest/3.0/create/was/optionprofile (POST)

Required:

name (Text) /Option profile name

Update an option profile

/qps/rest/3.0/update/was/optionprofile/<id> (POST)

Required:

id (Integer) /Option profile ID

Delete an option profile

/qps/rest/3.0/delete/was/optionprofile/<id> (POST)

/qps/rest/3.0/delete/was/optionprofile (POST)

Optional:

name (Text)

owner (Text)

tags

createdDate (Date)

updatedDate (Date)

usedByWebApps (Boolean)

usedBySchedules (Boolean)

Report

WAS API guide

Current report count

/qps/rest/3.0/count/was/report (GET, POST)

Filters (optional):

id (Integer)

name (Text)

tags.id (Integer)

tags.name (Text)

creationDate (Date)

type (WAS_SCAN_REPORT,

WAS_WEBAPP_REPORT,

WAS_SCORECARD_REPORT,

WAS_CATALOG_REPORT, DATALIST_REPORT)

format (HTML_ZIPPED, HTML_BASE64, PDF,

PDF_ENCRYPTED, CSV, XML, POWERPOINT,

WORD)

status (RUNNING, ERROR, COMPLETE)

Search reports

/qps/rest/3.0/search/was/report (POST)

Filters (optional):

id (Integer)

name (Text)

tags.id (Integer)

tags.name (Text)

creationDate (Date)

type (Keyword)

format (Keyword)

status (Keyword)

Get details on a report

/qps/rest/3.0/get/was/report/<id> (GET, POST)

Required:

id (Integer) /report ID

Get report status

/qps/rest/3.0/status/was/report/<id> (GET, POST)

Required:

id (Integer) /report ID

Download a report

/qps/rest/3.0/download/was/report/<id> (GET, POST)

Required:

id (Integer) /report ID

Send an encrypted PDF report

/qps/rest/3.0/send/was/report/<id> (POST)

Required:

id (Integer) /report ID

distributionList (Text)

Update a report

/qps/rest/3.0/update/was/report/<id> (POST)

Required:

id (Integer) /report ID

tags (Text)

showPatched (applies to Web App Report, Scan Report only - SHOW_BOTH (is default), SHOW_ONLY, SHOW_NONE)

Delete one or more reports

/qps/rest/3.0/delete/was/report/<id> (POST)

/qps/rest/3.0/delete/was/report/<filters> (POST)

Required:

id (Integer) /web application ID

Filters (optional):

name (Text)

tags.id (Integer)

tags.name (Text)

creationDate (Date)

type (Keyword)

format (Keyword)

status (Keyword)

Report Creation

WAS API guide

Report Creation Request

/qps/rest/3.0/create/was/report (POST)

name (Text)

type (WAS_SCAN_REPORT,

WAS_WEBAPP_REPORT,

WAS_SCORECARD_REPORT,

WAS_CATALOG_REPORT)

format (HTML_ZIPPED, HTML_BASE64, PDF,

PDF_ENCRYPTED, CSV, XML, POWERPOINT)

tags.id (Integer)

tags.name (Text)

password (Text)

distributionList (*)

config (one and only one subelement is required:

webAppReport, scanReport, catalogReport,

scorecardReport)

Notes: (*) indicates data type.

Web Application Report

target.tags (Tag)

target.tags.included.option (ALL or ANY)₁

target.tags.included.tagList.Tag.id (Integer)₁

target.webapps (WebApp)*

filters.searchlists (SearchList)*

filters.url (Text)

filters.status (WebAppFindingStatus)*

filters.remediation*

showPatched (SHOW_ONLY, SHOW_NONE,

SHOW_BOTH - default)

target.scannerTags.set.Tag.id (Integer)

target.tags.excluded.option (ALL or ANY)

target.tags.excluded.tagList.Tag.id (Integer)

display.contents (WebAppReportContent)*

display.graphs (WebAppReportGraph)*

display.groups (WebAppReportGroup)*

display.options (rawLevels)*

Notes: (*) indicates data type.

₁ The element target must have at least tags or web applications specified

Scan Report

target.scans (WasScan)*
filters.searchlists (SearchList)*
filters.url (Text)
filters.status (ScanFindingStatus)*
filters.remediation (*)
showPatched (SHOW_ONLY, SHOW_NONE, SHOW_BOTH - default)
display.contents (ScanAppReportContent)*
display.graphs (ScanAppReportGraph)*
display.groups (ScanAppReportGroup)*
display.options (rawLevels)*
Notes: (*) indicates data type.

Scorecard Report

target.tags (Tag)*
target.tags.included.option (ALL or ANY)₁
target.tags.included.tagList.Tag.id (Integer)₁
filters.searchlists (SearchList)*
filters.scanDate (DatetimeRange)*
filters.scanStatus (WasScanConsolidatedStatus)*
filters.scanAuthStatus (WasScanAuthStatus)*
target.scannerTags.set.Tag.id (Integer)
target.tags.excluded.option (ALL or ANY)
target.tags.excluded.tagList.Tag.id (Integer)
display.contents (ScorecardReportContent)*
display.graphs (ScorecardReportGraph)*
display.groups (ScorecardReportGroup)*
display.options (rawLevels)*
Notes: (*) indicates data type.

₁ The element target must have at least tags or web applications specified

Catalog Report

filters.scanDate (DatetimeRange)*
filters.url (Text)
filters.ip (Text)
filters.os (Text)
filters.status (EntryStatus)*
display.contents (WebAppReportContent)*
display.graphs (WebAppReportGraph)*

display.groups (WebAppReportGroup)*
display.options (rawLevels)*
Notes: (*) indicates data type.

Report Template Count

qps/rest/3.0/count/was/reporttemplate (POST)
id (Integer)
name (Text)
type (Text)

Search Report Template

qps/rest/3.0/search/was/reporttemplate (POST)
id (Integer)
name (Text)
type (Text)

Get details of Report Template

qps/rest/3.0/get/was/reporttemplate/<id> (GET)
Required:
id (Integer) /report template ID

Findings

WAS API guide

Current finding count

/qps/rest/3.0/count/was/finding (POST)

Filters (optional):

id (Integer)
qid (Integer)
name (Text)
type (VULNERABILITY, SENSITIVE_CONTENT, or INFORMATION_GATHERED)
url (Text)
webApp.tags.id (Integer)
webApp.tags.name (Text)
status (NEW, ACTIVE or REOPENED)
patch (Integer-Long)
webApp.id (Integer)
webApp.name (Text)
severity (Integer)
externalRef (String)
ignoredDate (Date)
ignoredReason (FALSE_POSITIVE, RISK_ACCEPTED or NOT_APPLICABLE)
group (XSS, SQL, INFO, PATH, CC, SSN_US or CUSTOM)
owasp.name (Text)
owasp.code (Integer)
wasc.name (Text)
wasc.code (Integer)
cwe.id (Integer)
firstDetectedDate (Date)
lastDetectedDate (Date)
lastTestedDate (Date)
timesDetected (Integer)

Search findings

/qps/rest/3.0/search/was/finding (POST)

Filters (optional):

id (Integer)
qid (Integer)
name (Text)
type (VULNERABILITY, SENSITIVE_CONTENT, or INFORMATION_GATHERED)

url (Text)
webApp.tags.id (Integer)
webApp.tags.name (Text)
status (NEW, ACTIVE or REOPENED)
patch (Integer-Long)
webApp.id (Integer)
webApp.name (Text)
severity (Integer)
externalRef (String)
ignoredDate (Date)
ignoredReason (FALSE_POSITIVE, RISK_ACCEPTED or NOT_APPLICABLE)
group (Keyword: XSS, SQL, INFO, PATH, CC, SSN_US or CUSTOM)
owasp.name (Text)
owasp.code (Integer)
wasc.name (Text)
wasc.code (Integer)
cwe.id (Integer)
firstDetectedDate (Date)
lastDetectedDate (Date)
lastTestedDate (Date)
timesDetected (Integer)

Get details on a finding

/qps/rest/3.0/get/was/finding/<id> (GET, POST)

Required:

id (Integer) /finding ID

Ignore findings

/qps/rest/3.0/ignore/was/finding (POST)

Filters:

id (Integer)
qid (Integer)
name (Text)
type (VULNERABILITY, SENSITIVE_CONTENT, or INFORMATION_GATHERED)
url (Text)
webApp.tags.id (Integer)
webApp.tags.name (Text)
status (NEW, ACTIVE or REOPENED)
webApp.id (Integer)

webApp.name (Text)
severity (Integer)
ignoredDate (Date)
ignoredReason (FALSE_POSITIVE,
RISK_ACCEPTED or NOT_APPLICABLE)
group (Keyword: XSS, SQL, INFO, PATH, CC,
SSN_US or CUSTOM)
owasp.name (Text)
owasp.code (Integer)
wasc.name (Text)
wasc.code (Integer)
cwe.id (Integer)
firstDetectedDate (Date)
lastDetectedDate (Date)
lastTestedDate (Date)
timesDetected (Integer)

Activate findings

/qps/rest/3.0/activate/was/finding/<id> (POST)
/qps/rest/3.0/activate/was/finding/<findings> (POST)

Filters:

id (Integer)
qid (Integer)
name (Text)
type (VULNERABILITY, SENSITIVE_CONTENT, or
INFORMATION_GATHERED)
url (Text)
webApp.tags.id (Integer)
webApp.tags.name (Text)
status (NEW, ACTIVE or REOPENED)
webApp.id (Integer)
webApp.name (Text)
severity (Integer)
ignoredDate (Date)
ignoredReason (FALSE_POSITIVE,
RISK_ACCEPTED or NOT_APPLICABLE)
group (XSS, SQL, INFO, PATH, CC, SSN_US or
CUSTOM)
owasp.name (Text)
owasp.code (Integer)
wasc.name (Text)
wasc.code (Integer)

cwe.id (Integer)
firstDetectedDate (Date)
lastDetectedDate (Date)
lastTestedDate (Date)
timesDetected (Integer)

Edit findings severity

/qps/rest/3.0/editSeverity/was/finding/<id> (POST)
/qps/rest/3.0/editSeverity/was/finding/<findings>
(POST)

Filters:

id (Integer)
new Severity level {1, 2, 3, 4, 5} (Integer)
comments (Text)

Restore findings severity

/qps/rest/3.0/restoreSeverity/was/finding<id> (POST)

Required:

id (Integer)

Retest findings

/qps/rest/3.0/retest/was/finding/<id>
/qps/rest/3.0/retest/was/finding/<findings>
(POST)

Required:

id (Integer)

Burp

WAS API guide

Import Burp Scan Reports

/qps/rest/3.0/import/was/burp (POST)

Required:

webAppId (Integer)

Burp Scanner Report in XML format

Optional:

purgeResults (Boolean)

closeUnreportedIssues (Boolean)

fileName (String)



Web Application Firewall API

Use these API calls to manage web applications, clusters, and appliances.

[Web Application](#) | [Cluster](#) | [Appliance](#)

Looking for more information? No problem. Click [WAF API guide](#) for [Qualys Web Application Firewall API User Guide](#)

Web Application

[WAF API guide](#)

Current web application count

`/qps/rest/1.0/count/waf/webapp/` (GET)

Get details on a web application

`/qps/rest/1.0/get/waf/webapp/<id>` (GET)

Required:

id (Integer) /web application ID

Search web applications

`/qps/rest/1.0/search/waf/webapp/` (POST)

Filters (optional):

id (Long)
uuid (UUID)
name (Text)
url (Text)
tags.tag.id (Long)
tags.tag.name (Text)
originServerAddress (Text)
status
proxiedHostnames (Boolean)
isStagingModeEnabled(Boolean)
isSslEnabled (Boolean)
sslStatus
urls.value (Text)

securityPolicy.id (Long)
securityPolicy.uuid (UUID)
securityPolicy.name (Text)
clusters.cluster.id (Long)
clusters.cluster.name (Text)
clusters.cluster.uuid (UUID)
rules.rule.id (Long)
rules.rule.uuid (UUID)
rules.rule.name (Text)
rules.rule.criterion (Text)
rules.rule.action
enableAuthenticatedScanning (Boolean)
lastComment (Text)

Create web application

`/qps/rest/1.0/create/waf/webapp` (POST)

Required:

name (Text)
url (Text)
originServerAddress (Text)
url.string
securityPolicy
securityPolicy.id (Long)
tags.tag.id (Not required if tags.tag.name is passed)
tags.tag.name (Not required if tags.tag.id is passed)
rules.WebAppRule.name (Text)
rules.WebAppRule.action
rules.WebAppRule.criterion (Text)
clusters.cluster.id
privateKey (Text) (when SSL required)
certificate (Text) (when SSL required)
passphrase (Text) (when SSL required)

Optional:

[Click here](#) for WAF API User Guide

Update web application

`/qps/rest/1.0/update/waf/webapp/<id>` (POST)

Optional:

name (Text)
url (Text)
originServerAddress (Text)
isStagingModeEnabled
urls
url.string
securityPolicy
securityPolicy.id (Long)
clusters
clusters.cluster.id
chain (Text)
proxiedHostnames
rules
rules.WebAppRule.name (Text)
rules.WebAppRule.action
rules.WebAppRule.criterion (Text)
enableAuthenticatedScanning
tags
tags.tag.name
tags.tag.id
privateKey (Text)
certificate (Text)
passphrase (Text)

[Click here](#) for WAF API User Guide

Update web applications (bulk)

/qps/rest/1.0/update/waf/webapp (POST)

Optional:

name (Text)
url (Text)
originServerAddress (Text)
isStagingModeEnabled
urls
url.string
securityPolicy
securityPolicy.id (Long)
clusters
clusters.cluster.id
chain (Text)
proxiedHostnames
rules

rules.WebAppRule.name (Text)
rules.WebAppRule.action
rules.WebAppRule.criterion (Text)
enableAuthenticatedScanning
tags
tags.tag.name
tags.tag.id
privateKey (Text)
certificate (Text)
passphrase (Text)

[Click here](#) for WAF API User Guide

Delete web application

/qps/rest/1.0/delete/waf/webapp/<id> (POST)

Required:

id (Long) /web application ID

Delete web applications (bulk)

/qps/rest/1.0/delete/waf/webapp (POST)

Filters (optional):

id (Long)
uuid (UUID)
name (Text)
url (Text)
tags.tag.id (Long)
tags.tag.name (Text)
originServerAddress (Text)
status
proxiedHostnames (Boolean)
isStagingModeEnabled (Boolean)
isSslEnabled (Boolean)
sslStatus
urls.value (Text)
securityPolicy.id (Long)
securityPolicy.uuid (UUID)
securityPolicy.name (Text)
clusters.cluster.id (Long)
clusters.cluster.name (Text)
clusters.cluster.uuid (UUID)
rules.rule.id (Long)
rules.rule.uuid (UUID)
rules.rule.name (Text)

rules.rule.criterion (Text)
rules.rule.action
enableAuthenticatedScanning (Boolean)
lastComment (Text)

Cluster

WAF API guide

Current cluster count

/qps/rest/1.0/count/waf/cluster (GET)

Get details on clusters

/qps/rest/1.0/get/waf/cluster/<id> (GET)

Required:

id (Integer) /Cluster ID

Search clusters

/qps/rest/1.0/search/waf/cluster (POST)

Filters (optional):

id (Long)
uuid (UUID)
name (Text)
owner.id (Long)
owner.username (Text)
owner.firstname (Text)
owner.lastname (Text)
created
createdBy.id (Long)
createdBy.username (Text)
createdBy.firstname (Text)
createdBy.lastname (Text)
updated
updatedBy.id (Long)
updatedBy.username (Text)
updatedBy.firstname (Text)
updatedBy.lastname (Text)
token (Text)
syncDate
status
appliance.id (Long)
appliance.uuid (UUID)
appliance.name (Text)
tags.id (Long)

tags.name (Text)

Create cluster

/qps/rest/1.0/create/waf/cluster (POST)

Required:

name (Text)

redirectUrl (Required only if httpErrorCode is specified)

httpErrorCode (Long) (Required only if redirectUrl is specified)

Optional:

[Click here](#) for WAF API User Guide

Update cluster name

/qps/rest/1.0/update/waf/cluster/<id> (POST)

Optional:

name (Text)

description (Text)

redirectUrl

httpErrorCode (Long)

tags

tags.tag.id (Long)

tags.tag.name (Text)

[Click here](#) for WAF API User Guide

Update clusters (bulk)

/qps/rest/1.0/update/waf/cluster (POST)

Optional:

name (Text)

description (Text)

redirectUrl

httpErrorCode (Long)

tags

tags.tag.id (Long)

tags.tag.name (Text)

[Click here](#) for WAF API User Guide

Delete cluster

/qps/rest/1.0/delete/waf/cluster/<id> (POST)

Required:

id (Integer) /Cluster ID

Delete clusters (bulk)

/qps/rest/1.0/delete/waf/cluster (POST)

Filters (optional):

id (Long)
uuid (UUID)
name (Text)
owner.id (Long)
owner.username (Text)
owner.firstname (Text)
owner.lastname (Text)
created
createdBy.id (Long)
createdBy.username (Text)
createdBy.firstname (Text)
createdBy.lastname (Text)
updated
updatedBy.id (Long)
updatedBy.username (Text)
updatedBy.firstname (Text)
updatedBy.lastname (Text)
token (Text)
syncDate
status
appliance.id (Long)
appliance.uuid (UUID)
appliance.name (Text)
tags.id (Long)
tags.name (Text)

Appliance

WAF API guide

Current appliance count

/qps/rest/1.0/count/waf/appliance (GET)

Get details on appliance

/qps/rest/1.0/get/waf/appliance/:id (GET)

Required:

id (Integer) /web application ID

Search appliances

/qps/rest/1.0/search/waf/appliance (POST)

Optional:

id (Long)
uuid (UUID)
name (Text)
hostname (Text)
lastPollDate
applianceCreated
applianceVersion (Text)
status (Long)
pollStatus
heartbeatGenerated
heartbeatProcessed
systemOs (Text)
systemRam (Long)
systemType (Text)
systemEc2InstanceId (Text)
systemEc2InstanceType (Text)
systemEc2Amild (Text)
systemCpusCount (Long)
systemCpusCores (Long)
systemCpusSpeed (Float)
systemCpusModel (Text)
configRulesVersion (Text)
configVersion (Text)
configGenerated
ip (Text)
cluster.id (Long)
cluster.uuid (UUID)
cluster.name (Text)

Delete appliance

/qps/rest/1.0/delete/waf/appliance/<id> (POST)

Required:

id (Long) /web application ID



Malware Detection API

Use these API calls to get information about malware detections.

Malware Detections

Looking for more information? No problem. Click [MD API guide](#) for [Qualys Malware Detection API User Guide](#)

Malware Detections [MD API guide](#)

Current malware detections

`/qps/rest/1.0/download/md/detection` (POST)

Required:

format (csv|cef)

Filters (optional):

id (Integer)

qid (Integer)

url (Text)

type (Keyword ie BEHAVIORAL)

showDeactivatedSite (Boolean)

severity (Keyword i.e. HIGH)

Search malware detections

`/qps/rest/1.0/search/md/detection` (POST)

Filters:

id (Integer)

qid (Integer)

type (Keyword ie BEHAVIORAL)

showDeactivatedSite (Boolean)

severity (Keyword i.e. HIGH)

Get details on malware detection

`/qps/rest/1.0/get/md/detection/<id>` (GET, POST)

Required:

id (Integer) /malware detection ID



Portal version API

Find out the version of Portal and its sub-modules (in your subscription).

Portal version

`/qps/rest/portal/version` (GET)

Returns the version information based on the username supplied in the request.



API Server URL

What API Server URL to use

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.

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>

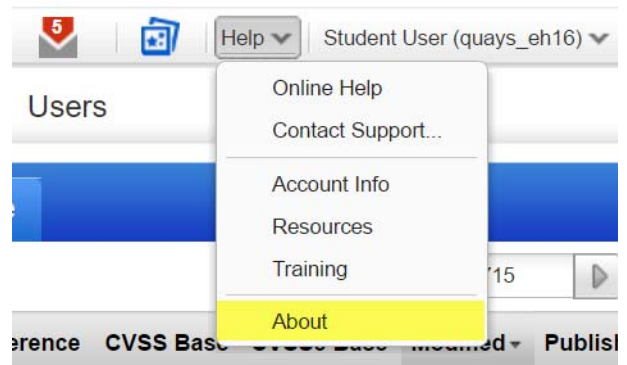
Qualys Private Cloud Platform

https://qualysapi.<customer_base_url>

Still need help?

You can easily find the API server URL to use. Just log in to your Qualys account.

Go to Help > About.



You'll see the API Server URL for your account under Security Operations Center (SOC).

General Information

Qualys Web Service	
Application Version:	8.9.0.2-2
Online Help Version:	8.9.29-1
SCAP Module Version:	1.2
Qualys External Scanners	
Security Operations Center (SOC):	64.39.96.0/20 (64.39.96.1-64.39.1
Scanner Version:	9.0.29-1
Vulnerability Signature Version:	2.3.492-2
Scanner Services	3.0.12-1
Qualys Scanner Appliances	
Security Operations Center (SOC):	- qualysguard.qualys.com:443
	- qualysapi.qualys.com:443
	- dist01.sjdc01.qualys.com:443
	- nochostr.sjdc01.qualys.com:443
	- scanservice1.qualys.com:443
	- all in 64.39.96.0/20



Good to Know

Notations

Required attributes are in bold. For example “**ref**={value}” indicates a required parameter.

Defaults are underlined. For example {0|1} indicates “0” is the default value for the Boolean attribute.

GET and POST

Functions support the GET method only, the POST method only or both GET and POST as indicated.

Date/Time

Date/time format is YYYY-MM-DD[THH:MM:SSZ] where time is optional.

API Notes

- 1 Authentication is performed using basic auth (using API v1 or APIv2) or session-based authentication (API v2 only) by the SSL socket connection.
- 2 There are known limits for the amount of data that can be sent using the GET method. These limits are dependent on the toolkit used. There is no fundamental limit with sending data using the POST method.
- 3 Variables and values must be URL-encoded.
- 4 Returned XML responses usually include numeric error codes.
- 5 UTF-8 encoding is used internally and for the returned XML.
- 6 Role-based privileges (Manager, Scanner, and Reader) apply to most API calls.
- 7 Blanks in “string type values” can be encoded as plus characters(+).

Curl Client

Use the **curl** client to issue API requests directly from the Linux Command Line.

Example using basic authentication (example uses Qualys US Platform 1):

```
curl -s -k -H 'X-Requested-With: curl demoapp' -u
username:password
'https://{SERVER}.qualys.com/api/2.0/fo/scan/?action=list'
```

Example using session based authentication (example uses Qualys US Platform 1):

```
curl -s -k -H 'X-Requested-With: curl demoapp' -D
headers.15 -b 'QualysSession=SESSION_ID; path=/api;
secure'
'https://{SERVER}.qualys.com/api/2.0/fo/scan/?action=list'
```

See the **curl(1)** man page for further details.

Allowed Operators

Supported using the following APIs: Asset Management and Tagging, Cloud Agent, Continuous Monitoring, Malware Detection, Web Application Firewall, Web Application Scanning.

Allowed Operators	
Integer	EQUALS, NOT EQUALS, GREATER, LESSER, IN
Text	CONTAINS, EQUALS, NOT EQUALS
Date	EQUALS, NOT EQUALS, GREATER, LESSER
Keyword	EQUALS, NOT EQUALS, IN
Boolean	(true/false) EQUALS, NOT EQUALS

Looking for more?

[Click here](#) for all our latest API User Guides