



Qualys Cloud Platform (VM, PC) v10.x

API Release Notes

Version 10.7

December 29, 2020

This new version of the Qualys Cloud Platform (VM, PC) includes improvements to the Qualys API. You'll find all the details in our user guides, available at the time of release. Just log in to your Qualys account and go to [Help > Resources](#).

What's New

[Host Identifiers in Host-Based Scan Report](#)

Qualys API Server URL

The Qualys API URL you should use for API requests depends on the Qualys platform where your account is located.

[Click here to identify your Qualys platform and get the API URL](#)

This documentation uses the API server URL for Qualys US Platform 1 (<https://qualysapi.qualys.com>) in sample API requests. If you're on another platform, please replace this URL with the appropriate server URL for your account.

Host Identifiers in Host-Based Scan Report

APIs affected	/api/2.0/fo/report/template/scan/?action=create&report_format=xml /api/2.0/fo/report/template/scan/?action=update&report_format=xml /api/2.0/fo/report/template/scan/?action=export&report_format=xml
New or Updated API	Updated
DTD or XSD changes	Yes

We have now enhanced our scan report templates to include host identifiers such as host Id, asset Id in the host-based scan reports that you launch or download. You can configure `qualys_system_ids` parameter to 1 to include host ID, asset ID when you create or update scan report template. You could also configure this when you export scan report template.

Input Parameters

Refer to the [Qualys API \(VM,PC\) User Guide](#) for full details on all the parameters.

Parameter	Description
<code>qualys_system_ids={0 1}</code>	Specify 1 to include host ID/asset ID in the host-based scan report.

Samples

[Export Report Template](#)

[Create Report Template](#)

[Update Report Template](#)

Export Report Template

Exports the report template based on the template ID.

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With:curl"  
"https://qualysapi.qualys.com/api/2.0/fo/report/template/scan/?act  
ion=export&template_id=89470&report_format=xml"
```

XML Output:

```
<?xml version="1.0" encoding="UTF-8" ?>  
<!DOCTYPE REPORTTEMPLATE SYSTEM  
"https://qualysapi.qualys.com/api/2.0/fo/report/template/scan/scanreportt  
emplate_info.dtd">  
<REPORTTEMPLATE>  
<SCANTEMPLETE>
```

```
<TITLE>
<INFO key="title"><![CDATA[Scan-Report]]></INFO>
<INFO key="owner"><![CDATA[1086]]></INFO>
</TITLE>
<TARGET>
<INFO key="scan_selection"><![CDATA[HostBased]]></INFO>
<INFO key="include_trending"><![CDATA[1]]></INFO>
<INFO key="selection_type"><![CDATA[days]]></INFO>
<INFO key="selection_range"><![CDATA[5]]></INFO>
..
<DISPLAY>
<INFO key="graph_business_risk"><![CDATA[0]]></INFO>
<INFO key="graph_vuln_over_time"><![CDATA[0]]></INFO>
<INFO key="sort_by"><![CDATA[host]]></INFO>
<INFO key="cvss"><![CDATA[all]]></INFO>
<INFO key="host_details"><![CDATA[1]]></INFO>
<INFO key="host_ag_details"><![CDATA[0]]></INFO>
<INFO key="qualys_system_ids"><![CDATA[1]]></INFO>
<INFO key="include_text_summary"><![CDATA[1]]></INFO>
...
</USERACCESS>
</SCANTEEMPLATE>
</REPORTTEMPLATE>
```

Create Report Template

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With:curl" -X POST -H
"Content-type: text/xml" --data-binary @scan_create.xml
"https://qualysapi.qualys.com/api/2.0/fo/report/template/scan/?action=create&report_format=xml"
```

Request POST data (contents of Scan_create.xml):

```
..
<DISPLAY>
<INFO key="graph_business_risk">
<![CDATA[0]]>
</INFO>
<INFO key="graph_vuln_over_time">
<![CDATA[0]]>
</INFO>
<INFO key="sort_by">
<![CDATA[host]]>
</INFO>
<INFO key="cvss">
<![CDATA[all]]>
</INFO>
```

```
<INFO key="host_details">
<![CDATA[1]]>
</INFO>
<INFO key="host_ag_details">
<![CDATA[0]]>
</INFO>
<INFO key="qualys_system_ids">
<![CDATA[1]]>
</INFO>
<INFO key="include_text_summary">
<![CDATA[1]]>
</INFO>
<INFO key="include_vuln_details">
<![CDATA[1]]>
</INFO>
<INFO key="include_vuln_details_threat">
<![CDATA[0]]>
</INFO>
<INFO key="include_vuln_details_impact">
<![CDATA[0]]>
</INFO>
<INFO key="include_vuln_details_solution">
<![CDATA[0]]>
</INFO>
<INFO key="include_vuln_details_vpatch">
<![CDATA[0]]>
</INFO>
<INFO key="include_vuln_details_compliance">
<![CDATA[0]]>
</INFO>
<INFO key="include_vuln_details_exploit">
<![CDATA[0]]>
</INFO>
</DISPLAY>
...
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE SIMPLE_RETURN SYSTEM
"https://qualysapi.qualys.com/api/2.0/simple_return.dtd">
<SIMPLE_RETURN>
<RESPONSE>
<DATETIME>2020-04-06T05:41:32Z</DATETIME>
<CODE>Scan Report Template(s) Created Successfully
[83476]</CODE>
<TEXT></TEXT>
</RESPONSE>
</SIMPLE_RETURN>
```

Update Report Template

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With:curl" -X POST -H  
"Content-type: text/xml" --data-binary @scan_update.xml  
"https://qualysapi.qualys.com/api/2.0/fo/report/template/scan/?action=upd  
ate&report_format=xml&template_id=7221635"
```

Request POST data (contents of scan_update.xml):

```
<?xml version="1.0" encoding="UTF-8" ?>  
<SCANTEEMPLATE>  
<TITLE>  
<INFO key="title"><![CDATA[Template_from_API_23/11]]></INFO>  
<INFO key="owner"><![CDATA[quays_dp]]></INFO>  
</TITLE>  
<TARGET>  
<INFO key="scan_selection">  
<![CDATA[HostBased]]>  
...  
</INFO>  
<INFO key="host_ag_details">  
<![CDATA[0]]>  
</INFO>  
<INFO key="qualys_system_ids">  
<![CDATA[1]]>  
</INFO>  
<INFO key="include_text_summary">  
<![CDATA[1]]>  
...  
</INFO>  
</USERACCESS>  
</SCANTEEMPLATE>
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>  
<!DOCTYPE SIMPLE_RETURN SYSTEM  
"https://qualysapi.qualys.com/api/2.0/simple_return.dtd">  
<SIMPLE_RETURN>  
<RESPONSE>  
<DATETIME>2020-04-04T10:52:34Z</DATETIME>  
<CODE>Scan Report Template Updated Successfully [7221635]</CODE>  
<TEXT></TEXT>  
</RESPONSE>  
</SIMPLE_RETURN>
```

DTD update:

When you launch a report or download a saved report in the user's account, the report now includes two new data fields. The Asset Data Report DTD (asset_data_report.dtd) was updated to include HOST_ID and ASSET_ID.

```
<!-- QUALYS ASSET DATA REPORT DTD -->
<!-- $Revision$ --><!ELEMENT ASSET_DATA_REPORT (ERROR | (HEADER,
RISK_SCORE_PER_HOST?, HOST_LIST?, GLOSSARY?, NON_RUNNING_KERNELS?,
APPENDICES?))><!ELEMENT ERROR (#PCDATA)*>
<!ATTLIST ERROR number CDATA #IMPLIED>
...
<!ELEMENT TRACKING_METHOD (#PCDATA)>
<!ELEMENT ASSET_TAGS (ASSET_TAG+)>
<!ELEMENT ASSET_TAG (#PCDATA)>

<!ELEMENT HOST_ID (#PCDATA)>
<!ELEMENT ASSET_ID (#PCDATA)>
<!ELEMENT DNS (#PCDATA)>
<!ELEMENT NETBIOS (#PCDATA)>
<!ELEMENT QG_HOSTID (#PCDATA)>
...
<!ELEMENT NON_RUNNING_KERNELS (NON_RUNNING_KERNEL*)>
<!ELEMENT NON_RUNNING_KERNEL (NRK_QID*, IP*, SEVERITY*)>
<!ELEMENT NRK_QID (#PCDATA)>
```