



Qualys Cloud Platform (VM, PC) v10.x

API Release Notes

Version 10.6

November 12, 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

[Update to ImportableControl.xsd Schema](#)

[Posture Info API - CSV Format now includes Evidence](#)

[Addition of Host ID to Compliance Reports](#)

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.

Update to ImportableControl.xsd Schema

APIs affected	N/A (import/export from UI only)
New or Updated API	Updated (XSD change only)
DTD or XSD changes	Yes

The ImportableControl.xsd schema is used when you import and export user defined controls in XML format. In this schema, we increased the maximum length for database UDC SQL statements from 4000 to 32000 characters. This increase will allow for more complex queries in your database UDCs.

ImportableControl.xsd Schema Update

The maxLength value for database query string is now 32000 for DB_QUERY element.

```
...  
  
<xs:element name="DB_QUERY">  
  <xs:simpleType>  
    <xs:restriction base="xs:string">  
      <xs:minLength value="0"/>  
      <xs:maxLength value="32000"/>  
    </xs:restriction>  
  </xs:simpleType>  
</xs:element>  
  
...
```

Posture Info API - CSV Format now includes Evidence

APIs affected	/api/2.0/fo/compliance/posture/info/
New or Updated API	Updated
DTD or XSD changes	No

Now when you run the Posture Info API with details=All or details=Light and output_format=csv, the CSV output will include the Posture Evidence section. The Posture Evidence section was only showing up in XML output format in previous releases. Now the output will be consistent between these formats.

API Sample

See sample CSV output below with Posture Evidence showing up in the output.

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d  
"action=list&details=All&policy_id=3433470&output_format=csv"  
"https://qualysapi.qualys.com/api/2.0/fo/compliance/posture/info/"
```

CSV output:

```
----BEGIN_RESPONSE_BODY_CSV  
"POLICY ID","DATETIME"  
"3433470","11/11/2020 19:36:18"  
  
"ID","IP","OS","DNS Name","NetBios","Tracking Method","Control  
ID","Control Statement","Criticality Label","Criticality  
Value","Technology ID","Technology Name","Posture","Previous  
Status","First Fail Date","Last Fail Date","First Pass Date","Last Pass  
Date","Evaluation Date","Qualys Host ID","Posture Evidence"  
"11062330","10.10.30.115","Windows 7 Ultimate Service Pack 1","win7-30-  
115","WIN7-30-115","IP","1048","Status of the 'Shutdown: Clear virtual  
memory pagefile' setting","CRITICAL","4","37","Windows  
7","Passed","Passed","N/A","N/A","11/11/2020 19:32:13","11/11/2020  
19:32:13","08/24/2020 17:38:18",,"This Integer value <B>X</B> indicates  
the current status of the setting <B>Shutdown: Clear virtual memory  
pagefile</B> using the registry key path  
<B>HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Session  
Manager\Memory Management\ClearPageFileAtShutdown</B>. A value of  
<B>0</B> indicates the setting is <B>Disabled</B>; a value of <B>1</B>  
indicates the setting is <B>Enabled</B>."  
  
=====Expected Value(s)=====  
  
Disabled (0)
```

----- OR -----
Enabled (1)
----- OR -----
Key not found

=====**Current Value(s) - Last updated: 08/24/2020 at 17:38:18 (GMT)**=====
Disabled (0)"

"11062331", "10.10.30.115", "Windows 7 Ultimate Service Pack 1", "win7-30-115", "WIN7-30-115", "IP", "1052", "Status of the 'Devices: Allowed to format and eject removable media' setting (NTFS formatted devices)", "CRITICAL", "4", "37", "Windows 7", "Passed", "Passed", "N/A", "N/A", "11/11/2020 19:32:13", "11/11/2020 19:32:13", "08/24/2020 17:38:18", "This Integer value X indicates the status of the groups permitted to Eject Removable Devices from the HKEY_LOCAL_MACHINE\\Software\\Microsoft\\Windows NT\\CurrentVersion\\Winlogon\\AllocateDASD registry key if configured via Group Policy Editor or Microsoft Intune / MDM. A value of 0 indicates the Administrators group has access; a value of 1 indicates the Administrators and Power Users groups have access; a value of 2 indicates Administrators and Interactive Users groups have access.

=====**Expected Value(s)**=====

Administrators (0)
----- OR -----
Administrators and Power Users (1)
----- OR -----
Administrators and Interactive Users (2)
----- OR -----
Key not found

=====**Current Value(s) - Last updated: 08/24/2020 at 17:38:18 (GMT)**=====
Key not found"

...

SUMMARY

"TOTAL ASSETS", "TOTAL CONTROLS", "TOTAL CONTROL INSTANCES", "TOTAL PASSED CONTROL INSTANCES", "TOTAL FAILED CONTROL INSTANCES", "TOTAL ERROR CONTROL INSTANCES"
"1", "6", "6", "6", "0", "0"
----END_RESPONSE_BODY_CSV

Addition of Host ID to Compliance Reports

APIs affected	/api/2.0/fo/report/"
New or Updated API	Updated
DTD or XSD changes	Yes

Now the Host ID information will be added to the Authentication Report, Policy Report, and Scorecard Reports in these formats (HTML, HTML New, PDF, XML, CSV).

API Sample - Authentication Report in CSV

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d  
"action=fetch&id=3239483&echo_request=1"  
"https://qualysapi.qualys.com/api/2.0/fo/report/"
```

Response:

```
...  
SUMMARY  
Asset Groups,Passed Authentications,Insufficient Authentications,Failed  
Authentications,Not Attempted Authentications,Not Installed  
Authentication>Total Authentications,Passed Percentage,Failed  
Percentage,Not Attempted Percentage  
"CRM AG","0",,"0","0",,"0","0","0","0"  
"AG","1","0","0","0","0","0","1","100","0","0"  
"CRM AG -1","1","0","0","0","0","0","1","100","0","0"  
"JBOSS AG","1","0","0","0","0","0","1","100","0","0"  
"IP_RANGE","1","0","0","0","0","0","1","100","0","0"  
"MAC15-AG2","0",,"0","0",,"0","0","0","0"  
"MAC 14-AG","2","0","0","0","0","0","2","100","0","0"  
"Amol WIN AG","0","0","2","0","0","2","0","100","0"  
"ARR","0","0","2","0","0","2","0","100","0"  
RESULTS  
Asset Groups,Technology,Host Technology,Instance,Host IP,DNS  
Hostname,NetBIOS Hostname,Tracking Method,Network,Status,Failure  
Reason,Host Id  
"AG","Fabric","Brocade Fabric  
8.x",,"10.10.99.99","fab","FABNETB","OCA","Global Default  
Network","Passed","'-","2505976"  
"CRM AG -1","Unix/Cisco/Checkpoint Firewall","CentOS  
6.x",,"10.10.32.14",,"IP","Global Default Network","Passed","'-  
","2788183"  
"JBOSS AG","Juniper","Juniper IVE  
8.x",,"10.10.10.12","host_name","NB","OCA","Global Default  
Network","Passed","'-","3076407"
```

```
"IP_RANGE", "Juniper", "Juniper IVE
8.x", "10.10.10.12", "host_name", "NB", "OCA", "Global Default
Network", "Passed", "'-", "3076407"
"MAC 14-AG", "Unix/Cisco/Checkpoint Firewall", "Mac OS X
10.15", "10.11.75.219", "IP", "Global Default Network", "Passed", "'-
", "3515919"
"MAC 14-AG", "Unix/Cisco/Checkpoint Firewall", "Mac OS X
10.14", "10.11.75.222", "IP", "Global Default Network", "Passed", "'-
", "3515902"
...
```

API Sample - Authentication Report in XML

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d
"action=fetch&id=3240477&echo_request=1"
"https://qualysapi.qualys.com/api/2.0/fo/report/"
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE COMPLIANCE_AUTHENTICATION_REPORT SYSTEM
"https://qualysapi.qualys.com/compliance_authentication_report.dtd">
<!-- This report was generated with an evaluation version of Qualys //-->
<COMPLIANCE_AUTHENTICATION_REPORT>
  <HEADER>
    <NAME><![CDATA[Authentication Report XML]]></NAME>
    ...
    <ASSET_GROUP>
      <NAME><![CDATA[ARR]]></NAME>
    </ASSET_GROUP>
  </ASSET_GROUP_LIST>
</FILTERS>
</HEADER>
<ASSET_GROUP_LIST>
  <ASSET_GROUP>
    <NAME><![CDATA[CRM AG]]></NAME>
    <AUTH_PASSED>0</AUTH_PASSED>
    <AUTH_INSUFFICIENT></AUTH_INSUFFICIENT>
    <AUTH_FAILED>0</AUTH_FAILED>
    <AUTH_NOT_ATTEMPTED>0</AUTH_NOT_ATTEMPTED>
    <AUTH_NOT_INSTALLED></AUTH_NOT_INSTALLED>
    <AUTH_TOTAL>0</AUTH_TOTAL>
    <PASSED_PERCENTAGE>0</PASSED_PERCENTAGE>
    <FAILED_PERCENTAGE>0</FAILED_PERCENTAGE>
    <NOT_ATTEMPTED_PERCENTAGE>0</NOT_ATTEMPTED_PERCENTAGE>
    <TECHNOLOGY_LIST />
  </ASSET_GROUP>
```

```
<ASSET_GROUP>
  <NAME><![CDATA[AG]]></NAME>
  <AUTH_PASSED>1</AUTH_PASSED>
  <AUTH_INSUFFICIENT>0</AUTH_INSUFFICIENT>
  <AUTH_FAILED>0</AUTH_FAILED>
  <AUTH_NOT_ATTEMPTED>0</AUTH_NOT_ATTEMPTED>
  <AUTH_NOT_INSTALLED>0</AUTH_NOT_INSTALLED>
  <AUTH_TOTAL>1</AUTH_TOTAL>
  <PASSED_PERCENTAGE>100</PASSED_PERCENTAGE>
  <FAILED_PERCENTAGE>0</FAILED_PERCENTAGE>
  <NOT_ATTEMPTED_PERCENTAGE>0</NOT_ATTEMPTED_PERCENTAGE>
  <TECHNOLOGY_LIST>
    <TECHNOLOGY>
      <NAME><![CDATA[Fabric]]></NAME>
      <HOST_LIST>
        <HOST>
          <TRACKING_METHOD><![CDATA[OCA]]></TRACKING_METHOD>
          <IP><![CDATA[10.10.99.99]]></IP>
          <DNS><![CDATA[fab]]></DNS>
          <NETBIOS><![CDATA[FABNETB]]></NETBIOS>
          <HOST_TECHNOLOGY><![CDATA[Brocade Fabric
8.x]]></HOST_TECHNOLOGY>
          <STATUS><![CDATA[Passed]]></STATUS>
          <NETWORK><![CDATA[Global Default Network]]></NETWORK>
          <HOST_ID><![CDATA[2505976]]></HOST_ID>
        </HOST>
      </HOST_LIST>
    </TECHNOLOGY>
  </TECHNOLOGY_LIST>
</ASSET_GROUP>
<ASSET_GROUP>
  <NAME><![CDATA[CRM AG -1]]></NAME>
  <AUTH_PASSED>1</AUTH_PASSED>
  <AUTH_INSUFFICIENT>0</AUTH_INSUFFICIENT>
  <AUTH_FAILED>0</AUTH_FAILED>
  <AUTH_NOT_ATTEMPTED>0</AUTH_NOT_ATTEMPTED>
  <AUTH_NOT_INSTALLED>0</AUTH_NOT_INSTALLED>
  <AUTH_TOTAL>1</AUTH_TOTAL>
  <PASSED_PERCENTAGE>100</PASSED_PERCENTAGE>
  <FAILED_PERCENTAGE>0</FAILED_PERCENTAGE>
  <NOT_ATTEMPTED_PERCENTAGE>0</NOT_ATTEMPTED_PERCENTAGE>
  <TECHNOLOGY_LIST>
    <TECHNOLOGY>
      <NAME><![CDATA[Unix/Cisco/Checkpoint Firewall]]></NAME>
      <HOST_LIST>
        <HOST>
          <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>
          <IP><![CDATA[10.10.32.14]]></IP>
          <DNS><![CDATA[]]></DNS>
```



```
<NETBIOS><![CDATA[]]></NETBIOS>
<HOST_TECHNOLOGY><![CDATA[CentOS 6.x]]></HOST_TECHNOLOGY>
<STATUS><![CDATA[Passed]]></STATUS>
<NETWORK><![CDATA[Global Default Network]]></NETWORK>
<HOST_ID><![CDATA[2788183]]></HOST_ID>
  </HOST>
</HOST_LIST>
</TECHNOLOGY>
</TECHNOLOGY_LIST>
</ASSET_GROUP>
...
</COMPLIANCE_AUTHENTICATION_REPORT>
<!-- This report was generated with an evaluation version of Qualys //-->
<!-- CONFIDENTIAL AND PROPRIETARY INFORMATION. Qualys provides the
QualysGuard Service "As Is," without any warranty of any kind. Qualys
makes no warranty that the information contained in this report is
complete or error-free. Copyright 2020, Qualys, Inc. //-->
```

DTD Update: Authentication Report

<base_url>/compliance_authentication_report.dtd

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- QUALYS COMPLIANCE AUTHENTICATION REPORT DTD -->
<!-- $Revision$ -->
<!ELEMENT COMPLIANCE_AUTHENTICATION_REPORT (ERROR | (HEADER,
(BUSINESS_UNIT_LIST | ASSET_GROUP_LIST | ASSET_TAG_LIST | IPS_LIST),
APPENDIX?))>
...
<!ELEMENT HOST_LIST (HOST*)>
<!ELEMENT HOST (TRACKING_METHOD, IP, DNS?, NETBIOS?, HOST_TECHNOLOGY?,
INSTANCE?, STATUS, CAUSE?, NETWORK?, OS?, LAST_AUTH?, LAST_SUCCESS?,
HOST_ID?)>
...
<!ELEMENT LAST_SUCCESS (#PCDATA)>
<!ELEMENT HOST_ID (#PCDATA)>
...
```

API Sample - Policy Report in CSV

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d  
"action=fetch&id=3240496&echo_request=1"  
"https://qualysapi.qualys.com/api/2.0/fo/report/"
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>  
<!DOCTYPE COMPLIANCE_POLICY_REPORT SYSTEM  
"https://qualysapi.qualys.com/compliance_policy_report.dtd">  
<COMPLIANCE_POLICY_REPORT>  
  <HEADER>  
    <NAME><![CDATA[Policy Report XML]]></NAME>  
    ...  
  <FILTERS>  
    <POLICY><![CDATA[Policy AR - 1]]></POLICY>  
    <POLICY_LOCKING><![CDATA[Unlocked]]></POLICY_LOCKING>  
    <IPS>  
      <IP_LIST>  
        <IP><![CDATA[10.10.36.111]]></IP>  
        <IP><![CDATA[10.10.36.122]]></IP>  
      </IP_LIST>  
      <NEWWORK><![CDATA[All]]></NEWWORK>  
    </IPS>  
    <PC_AGENT_IPS><![CDATA[No]]></PC_AGENT_IPS>  
    <POLICY_LAST_EVALUATED><![CDATA[11/10/2020 at 16:15:46  
(GMT+0530)]]></POLICY_LAST_EVALUATED>  
  </FILTERS>  
</HEADER>  
<SUMMARY>  
  <TOTAL_ASSETS>2</TOTAL_ASSETS>  
  <TOTAL_CONTROLS>10</TOTAL_CONTROLS>  
  <CONTROL_INSTANCES>  
    <TOTAL>11</TOTAL>  
    <TOTAL_PASSED>10</TOTAL_PASSED>  
    <TOTAL_FAILED>1</TOTAL_FAILED>  
    <TOTAL_ERROR>0</TOTAL_ERROR>  
    <TOTAL_EXCEPTIONS>0</TOTAL_EXCEPTIONS>  
  </CONTROL_INSTANCES>  
<HOST_STATISTICS>  
  <HOST_INFO>  
    <IP><![CDATA[10.10.36.111]]></IP>  
    <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>  
    <DNS><![CDATA[-]]></DNS>  
    <NETBIOS><![CDATA[DB2V105WIN2K8R2]]></NETBIOS>  
    <OPERATING_SYSTEM><![CDATA[Windows Server 2008 R2 Enterprise 64  
bit Edition]]></OPERATING_SYSTEM>
```

```
<LAST_SCAN_DATE><![CDATA[2020-06-17T15:30:05Z]]></LAST_SCAN_DATE>
<PERCENTAGE>83.33% (5 of 6)</PERCENTAGE>
<NETWORK>Global Default Network</NETWORK>
<Host ID><![CDATA[2788189]]></Host ID>
</HOST_INFO>
<HOST_INFO>
  <IP><![CDATA[10.10.36.122]]></IP>
  <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>
  <DNS><![CDATA[-]]></DNS>
  <NETBIOS><![CDATA[-]]></NETBIOS>
  <OPERATING_SYSTEM><![CDATA[Oracle Enterprise Linux
7.0]]></OPERATING_SYSTEM>
  <LAST_SCAN_DATE><![CDATA[2020-06-17T09:43:24Z]]></LAST_SCAN_DATE>
  <PERCENTAGE>100% (5 of 5)</PERCENTAGE>
  <NETWORK>Global Default Network</NETWORK>
  <Host ID><![CDATA[2431364]]></Host ID>
</HOST_INFO>
</HOST_STATISTICS>
</SUMMARY>
...
</COMPLIANCE_POLICY_REPORT>
```

API Sample - Policy Report in XML

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d
"action=fetch&id=3241486&echo_request=1"
"https://qualysapi.qualys.com/api/2.0/fo/report/"
```

Response:

```
<!DOCTYPE COMPLIANCE_POLICY_REPORT SYSTEM
"https://qualysapi.qualys.com/compliance_policy_report.dtd">
<COMPLIANCE_POLICY_REPORT>
  <HEADER>
    <NAME><![CDATA[Policy Report XML - SI]]></NAME>
    <GENERATION_DATETIME>2020-11-11T07:44:16Z</GENERATION_DATETIME>
    ...
    <INSTANCE><![CDATA[os]]></INSTANCE>
  </HOST_INSTANCE>
  <PC_AGENT_IPS><![CDATA[No]]></PC_AGENT_IPS>
  <POLICY_LAST_EVALUATED><![CDATA[11/10/2020 at 16:15:46
(GMT+0530)]]></POLICY_LAST_EVALUATED>
  </FILTERS>
</HEADER>
<SUMMARY>
  <TOTAL_ASSETS>1</TOTAL_ASSETS>
  <TOTAL_CONTROLS>10</TOTAL_CONTROLS>
```

```
<CONTROL_INSTANCES>
  <TOTAL>7</TOTAL>
  <TOTAL_PASSED>7</TOTAL_PASSED>
  <TOTAL_FAILED>0</TOTAL_FAILED>
  <TOTAL_ERROR>0</TOTAL_ERROR>
  <TOTAL_EXCEPTIONS>0</TOTAL_EXCEPTIONS>
</CONTROL_INSTANCES>
<HOST_STATISTICS>
  <HOST_INFO>
    <IP><![CDATA[10.10.32.14]]></IP>
    <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>
    <DNS><![CDATA[-]]></DNS>
    <NETBIOS><![CDATA[-]]></NETBIOS>
    <OPERATING_SYSTEM><![CDATA[CentOS Linux 6.0]]></OPERATING_SYSTEM>
    <LAST_SCAN_DATE><![CDATA[2020-06-23T05:52:16Z]]></LAST_SCAN_DATE>
    <PERCENTAGE>100% (7 of 7)</PERCENTAGE>
    <NETWORK>Global Default Network</NETWORK>
    <Host ID><![CDATA[2788183]]></Host ID>
  </HOST_INFO>
</HOST_STATISTICS>
</SUMMARY>
...

```

DTD Update: Policy Report

<base_url>/compliance_policy_report.dtd

```
...
<?xml version="1.0" encoding="UTF-8"?>
<!-- QUALYS COMPLIANCE POLICY REPORT DTD -->
<!-- $Revision$ -->
<!ELEMENT COMPLIANCE_POLICY_REPORT (ERROR | (HEADER, (SUMMARY),
(RESULTS)))>
...
<!ELEMENT RESULTS ( HOST_LIST, CHECKS?, DP_DESCRIPTIONS?) >
<!ELEMENT HOST_LIST (HOST*)>
<!ELEMENT HOST (TRACKING_METHOD, QG_HOSTID?, IP, DNS?, NETBIOS?,
OPERATING_SYSTEM?, OS_CPE?, LAST_SCAN_DATE?,TOTAL_PASSED, TOTAL_FAILED,
TOTAL_ERROR, TOTAL_EXCEPTIONS, ASSET_TAGS?, CONTROL_LIST, NETWORK?,
HOST_ID?)>
...
<!ELEMENT NETWORK (#PCDATA)>
<!ELEMENT HOST_ID (#PCDATA)>
...

```

API Sample - Scorecard Report in CSV

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d  
"action=fetch&id=3216464&echo_request=1"  
"https://qualysapi.qualys.com/api/2.0/fo/report/"
```

Response:

```
"SCR Tags - CSV","11/10/2020 at 18:38:19  
(GMT+0530)","DATETIME_RPTDATECSV_GMT2USER"  
ABOUT REPORT  
Report Type,Created,User Name,Login Name,User  
Role,Company,Address1,Address2,City,State,Zip,Country  
"Compliance Scorecard Report","11/10/2020 at 18:38:19  
...  
REPORT DISCOVERIES  
Overall Compliance,Unique Policies,Passed,%,Failed,%,Error,%  
"95%","2","142","95","8","5","0","0"  
Total Controls Detected,Changed Controls,Passed,%,Failed,%,Error,%  
"150","36","34","94","2","6","0","0"  
Total Hosts in Policies,Scanned Hosts,Unique Hosts Changed,%  
"3","0","3","0"  
Total Technologies,Technologies with Hosts Change  
"6","3"  
Technology,Count,%  
"Oracle Enterprise Linux 7.x","1","33"  
"CentOS 6.x","1","33"  
"Windows 2008 Server","1","33"  
Compliance by Policy  
By Policy  
Policy,Control Instances,Hosts Total,Hosts Scanned,Hosts Changed,Passed  
Total,Passed Changed,Failed Total,Failed Changed,Error Total,Error  
Changed,Compliance  
"Policy REG","114","1","0","0","108","0","6","0","0","0","94.74%"  
"Policy AR - 1","36","3","0","3","34","34","2","2","0","0","94.44%"  
...  
IP Address,Traking,NetBios,DNS,Network,Asset Tag,Technology,# of  
Policies,Pass Total,Pass Changed,Compliance,Host ID  
"10.20.32.200","IP",,,,"Global Default Network","UNIX_NAG","Oracle  
Enterprise Linux 7.x","1","5","5","100%","2704645"  
"10.20.32.200","IP",,,,"Global Default Network","UNIXREG","Oracle  
Enterprise Linux 7.x","1","5","5","100%","2704645"  
"10.10.32.14","IP",,,,"Global Default Network","UNIXREG","CentOS  
6.x","1","7","7","100%","2788183"  
...
```

API Sample - Scorecard Report in XML

API request:

```
curl -u "USERNAME:PASSWORD" -H "X-Requested-With: curl" -d  
"action=fetch&id=3215493&echo_request=1"  
"https://qualysapi.qualys.com/api/2.0/fo/report/"
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>  
<!DOCTYPE COMPLIANCE_SCORECARD_REPORT SYSTEM  
"https://qualysapi.qualys.com/compliance_scorecard_report.dtd">  
<COMPLIANCE_SCORECARD_REPORT>  
  <HEADER>  
    <REPORT_TYPE><![CDATA[SCR Tags - XML]]></REPORT_TYPE>  
    <GENERATION_DATETIME>2020-11-10T13:06:47Z</GENERATION_DATETIME>  
  </HEADER>  
  ...  
  <TOP_HOST_WITH_CHANGES>  
    <TOP><![CDATA[10]]></TOP>  
    <CHANGED_TO_PASS>  
      <HOST>  
        <IP_ADDRESS><![CDATA[10.20.32.200]]></IP_ADDRESS>  
        <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>  
        <NETBIOS><![CDATA[ ]]></NETBIOS>  
        <DNS><![CDATA[ ]]></DNS>  
        <NETWORK><![CDATA[Global Default Network]]></NETWORK>  
        <ASSET_TAG_NAME><![CDATA[ ]]></ASSET_TAG_NAME>  
        <TECHNOLOGY>Oracle Enterprise Linux 7.x</TECHNOLOGY>  
        <NUMBER_OF_POLICIES>1</NUMBER_OF_POLICIES>  
        <PASSED_TOTAL>5</PASSED_TOTAL>  
        <PASSED_CHANGED>5</PASSED_CHANGED>  
        <COMPLIANCE>100%</COMPLIANCE>  
        <HOST_ID>2704645</HOST_ID>  
      </HOST>  
      <HOST>  
        <IP_ADDRESS><![CDATA[10.20.32.200]]></IP_ADDRESS>  
        <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>  
        <NETBIOS><![CDATA[ ]]></NETBIOS>  
        <DNS><![CDATA[ ]]></DNS>  
        <NETWORK><![CDATA[Global Default Network]]></NETWORK>  
        <ASSET_TAG_NAME><![CDATA[ ]]></ASSET_TAG_NAME>  
        <TECHNOLOGY>Oracle Enterprise Linux 7.x</TECHNOLOGY>  
        <NUMBER_OF_POLICIES>1</NUMBER_OF_POLICIES>  
        <PASSED_TOTAL>5</PASSED_TOTAL>  
        <PASSED_CHANGED>5</PASSED_CHANGED>  
        <COMPLIANCE>100%</COMPLIANCE>  
        <HOST_ID>2704645</HOST_ID>  
      </HOST>
```

```
<HOST>
  <IP_ADDRESS><![CDATA[10.10.32.14]]></IP_ADDRESS>
  <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>
  <NETBIOS><![CDATA[ ]]></NETBIOS>
  <DNS><![CDATA[ ]]></DNS>
  <NETWORK><![CDATA[Global Default Network]]></NETWORK>
  <ASSET_TAG_NAME><![CDATA[ ]]></ASSET_TAG_NAME>
  <TECHNOLOGY>CentOS 6.x</TECHNOLOGY>
  <NUMBER_OF_POLICIES>1</NUMBER_OF_POLICIES>
  <PASSED_TOTAL>7</PASSED_TOTAL>
  <PASSED_CHANGED>7</PASSED_CHANGED>
  <COMPLIANCE>100%</COMPLIANCE>
  <HOST_ID>2788183</HOST_ID>
</HOST>
<HOST>
  <IP_ADDRESS><![CDATA[10.10.32.14]]></IP_ADDRESS>
  <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>
  <NETBIOS><![CDATA[ ]]></NETBIOS>
  <DNS><![CDATA[ ]]></DNS>
  <NETWORK><![CDATA[Global Default Network]]></NETWORK>
  <ASSET_TAG_NAME><![CDATA[ ]]></ASSET_TAG_NAME>
  <TECHNOLOGY>CentOS 6.x</TECHNOLOGY>
  <NUMBER_OF_POLICIES>1</NUMBER_OF_POLICIES>
  <PASSED_TOTAL>7</PASSED_TOTAL>
  <PASSED_CHANGED>7</PASSED_CHANGED>
  <COMPLIANCE>100%</COMPLIANCE>
  <HOST_ID>2788183</HOST_ID>
</HOST>
<HOST>
  <IP_ADDRESS><![CDATA[10.10.36.111]]></IP_ADDRESS>
  <TRACKING_METHOD><![CDATA[IP]]></TRACKING_METHOD>
  <NETBIOS><![CDATA[DB2V105WIN2K8R2]]></NETBIOS>
  <DNS><![CDATA[ ]]></DNS>
  <NETWORK><![CDATA[Global Default Network]]></NETWORK>
  <ASSET_TAG_NAME><![CDATA[ ]]></ASSET_TAG_NAME>
  <TECHNOLOGY>Windows 2008 Server</TECHNOLOGY>
  <NUMBER_OF_POLICIES>2</NUMBER_OF_POLICIES>
  <PASSED_TOTAL>59</PASSED_TOTAL>
  <PASSED_CHANGED>5</PASSED_CHANGED>
  <COMPLIANCE>8.47%</COMPLIANCE>
  <HOST_ID>2788189</HOST_ID>
</HOST>
  . . .
</COMPLIANCE_SCORECARD_REPORT>
```

DTD Update: Scorecard Report

<base_url>/compliance_scorecard_report.dtd

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- QUALYS COMPLIANCE SCORECARD REPORT DTD -->
<!-- $Revision$ -->

<!ELEMENT COMPLIANCE_SCORECARD_REPORT (ERROR | (HEADER, (SUMMARY),
(DETAILS)))>
...
<!ELEMENT CHANGED_TO_ERROR (HOST*|CONTROL*|CRITICALITY*)>
<!ELEMENT HOST (IP_ADDRESS, TRACKING_METHOD, NETBIOS, DNS, NETWORK?,
ASSET_GROUP_NAME?, ASSET_TAG_NAME?, TECHNOLOGY, NUMBER_OF_POLICIES,
PASSED_TOTAL?, PASSED_CHANGED?, FAILED_TOTAL?, FAILED_CHANGED?,
ERROR_TOTAL?, ERROR_CHANGED?, COMPLIANCE, NETWORK?, HOST_ID?)>

...
<!ELEMENT NETWORK (#PCDATA)>
<!ELEMENT HOST_ID (#PCDATA)>
...
```