



Qualys CloudView v1.x

API Release Notes

Version 1.12.0

October 21, 2020

Qualys CloudView API gives you many ways to integrate your programs and API calls with Qualys capabilities. 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

[Assessment Reports](#)

URL to the Qualys API Server

Qualys maintains multiple Qualys platforms. The Qualys API server URL that you should use for API requests depends on the platform where your account is located.

Account Location	API Server URL
Qualys US Platform 1	https://qualysguard.qualys.com
Qualys US Platform 2	https://qualysguard.qg2.apps.qualys.com
Qualys US Platform 3	https://qualysguard.qg3.apps.qualys.com
Qualys EU Platform 1	https://qualysguard.qualys.eu
Qualys EU Platform 2	https://qualysapi.qg2.apps.qualys.eu
Qualys India Platform 1	https://qualysguard.qg1.apps.qualys.in
Qualys Canada Platform	https://qualysapi.qg1.apps.qualys.ca
Qualys Private Cloud Platform	<a href="https://qualysapi.<customer_base_url>">https://qualysapi.<customer_base_url>

The Qualys API documentation and sample code use the API server URL for the Qualys US Platform 1. If your account is located on another platform, please replace this URL with the appropriate server URL for your account.

Assessment Reports

APIs introduced	/rest/v1/report/assessment/{reportId}/download /rest/v1/report/assessment/{reportId}/rerun /rest/v1/report/assessment/create /rest/v1/report/assessment/list
New or Updated APIs	New
Operator	GET, POST

You can use assessment reports to view the compliance of your resources for the defined policies in Cloud View. Once the cloud resources are evaluated, you can then generate and download assessment reports in CSV format.

Let us view the API changes in detail.

[Create Assessment Report](#)

[Re-run Assessment Report](#)

[Get List of Assessment Reports](#)

[Download a Report \(CSV\)](#)

Create Assessment Report

You can now generate the assessment reports for all cloud providers to view the compliance posture of the organization.

Input Parameters

Parameter	Description
createReportRequest	<p>(body) You need to provide the details required to generate the report in the createReportRequest parameter. The syntax for the same is given below:</p> <pre> { "reportName": "string", "description": "string", "cloudType": "AWS", "query": "string", "startDate": "string", "endDate": "string", "policyIds": ["string"], "groupIds": ["string"], "connectorIds": ["string"] } </pre> <p>Where,</p> <p>reportName: name of the report</p> <p>description: short description stating the purpose of the report you want to create.</p> <p>cloudType: the cloud provider (AWS, Azure, or GCP)</p> <p>query: Form a search query for your report using Qualys Query Language (QQL). For more information on query formation, see the “How to Search” topic in the CloudView online help.</p> <p>The startDate and endDate parameters are mandatory. Use them as date filter for your query. Specify the date in yyyy-mm-ddTHH:MM:SSZ format. For example, to use specify 14th October 2020 at 3.26 PM, you need to use 2020-10-14T03:26:15Z format.</p> <p>policyId: unique Id associated with the policy.</p> <p>groupIds: unique Id of the (connector) group</p> <p>connectorIds: unique Id associated with the connector.</p>

Sample - Create an assessment report

API request:

```
curl -k -X POST -u <username>:<password>  
'https://<QualysURL>/cloudview-api/rest/v1/report/assessment/create
```

Request POST Data:

```
{  
  "reportName": "Public API REPORT",  
  "description": "ASSESSMENT REPORT created through public api.",  
  "cloudType": "AZURE",  
  "query": "",  
  "startDate": "2020-10-10T03:26:15Z",  
  "endDate": "2020-10-15T03:26:15Z",  
  "policyIds": [ "7b04e680-307f-11ea-bfb3-5304b1a192d9", "0be76da0-4730-  
11ea-8758-77aa7bc96f55",  
  "df5005e0-472f-11ea-8758-77aa7bc96f55", "072a4990-c1d8-11ea-b83b-  
c5ddfadd03c8" ],  
  "groupIds": [ "2d25cac4-a85b-3290-b06b-97a52584a033" ],  
  "connectorIds": [ "f21f0710-329f-11ea-b3c9-1910d2ba88a2", "dd7b56f5-9cdb-  
38c4-9c6d-e506a632be1d", "741c59f4-32cd-3bae-a7ee-  
324cced7f507", "2fbb3140-329e-11ea-82ba-95515e65d6b8" ]  
}
```

Response:

```
1252bf70-0ee3-11eb-8be0-19cb59be89b6
```

The response returns the unique report ID on successfully creating the report.

Re-run Assessment Report

You can execute an existing assessment report using the unique report Id assigned to a report. The same report configurations are retained in the report you run again and a new report is generated with a new report Id.

Input Parameters

Parameter	Description
reportId	(string) Specify the unique Id associated with the report.

Sample - Re-run an assessment report

API request:

```
curl -k -X POST -u <username>:<password>  
'https://<QualysURL>/cloudview-api/rest/v1/report/assessment/25f41b0-  
07c0-11eb-ac98-8f3cc041e575/rerun
```

Response:

```
1252bf70-0ee3-11eb-8be0-19cb59be89b6
```

The response returns the a new unique report ID on successfully execution the report.

Get List of Assessment Reports

You can now fetch the list of all the assessment reports in your account.

Input Parameters

Parameter	Description
createdBy	Use values to find reports created by a certain user.
pageNo	(integer) The page to be returned.
pageSize	(integer) The number of records per page to be included in the response.
reportName	(string) Name of the report.
sortBy	Specify the field that decides the sort order for the rules.
reportId	(string) Specify the unique Id associated with the report.
status	(string) Accepted, Completed, Failed, Generated, Processing

Sample - Get the list of all reports

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-
api/rest/v1/report/assessment/list?pageNo=1&pageSize=50'
```

Response:

```
{
  "data": [
    {
      "reportName": "Sample_report_1",
      "status": "COMPLETED",
      "fileFormat": "CSV",
      "createdAt": "2020-10-01T10:58:22.000Z",
      "createdBy": "user_john",
      "templateName": "Assessment Report",
      "reportType": "On-Demand",
      "expiresOn": "2020-10-09",
      "reportId": "05b1ae20-03d5-11eb-9eb2-47fb6e012654"
    },
    {
      "reportName": "Sample_report_2",
      "status": "COMPLETED",
      "fileFormat": "CSV",
      "createdAt": "2020-10-01T10:52:32.000Z",
      "createdBy": "user_john",
      "templateName": "Assessment Report",
```

```

        "reportType": "On-Demand",
        "expiresOn": "2020-10-09",
        "reportId": "3528f9c0-03d4-11eb-bf8b-b98181e32a83"
    },
    ...
    "count": 15
}

```

Download a Report (CSV)

You can download a specific report in CSV format using the report Id.

Note: We currently support only CSV report format for assessment reports.

Input Parameters

Parameter	Description
reportId	(string) Specify the unique Id associated with the report.

Sample - Download Report in CSV format

API request:

```

curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/report/assessment/e8728a10-
fd6b-11ea-babc-0d762f3c210f/download'

```

Response:

Response Code: 200

The response includes the assessment report in CSV format.