



Qualys CloudView v1.x

API Release Notes

Version 1.14.0

March 10 2021

The Qualys CloudView API provides automation and integration capabilities for your Qualys subscription. 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

[Unique Secure External ID for AWS connectors](#)

[Assessment Reports in PDF Format](#)

[Fetch Account Alias and Subscription Name](#)

[Enable-Disable Connectors](#)

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://qualysguard.qg2.apps.qualys.eu
Qualys India Platform 1	https://qualysguard.qg1.apps.qualys.in
Qualys Canada Platform	https://qualysguard.qg1.apps.qualys.ca

Account Location	API Server URL
Qualys AE Platform	https://qualysguard.qg1.apps.qualys.ae
Qualys Private Cloud Platform	<a href="https://qualysguard.<customer_base_url>">https://qualysguard.<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.

Unique Secure External ID for AWS connectors

APIs introduced	/rest/v1/aws/connectors
New or Updated APIs	Updated
Operator	GET, POST, PUT

To adhere to the Amazon Web Services (AWS) vendor requirement best practices, Qualys is modifying the format of the external ID. AWS requires that vendors provide a unique external ID value amongst all their customers when providing a vendor account for a trust relationship. To accommodate this requirement and provide flexibility to our customers we have implemented the below new external ID format. The external ID consists of three parts. Two parts are pre-set by Qualys and the third part is editable by the customer.

new format: <Qualys POD>-<Qualys Subscription ID>-<random alphanumeric number>

where,

Qualys POD refers to the Qualys Platform associated with your Qualys subscription. To know the Qualys Platform you belong to, refer to <https://www.qualys.com/platform-identification/>.

Qualys Subscription ID: Your unique Qualys Subscription ID.

random alphanumeric number: Unique random alphanumeric number You can use a combination of alphabets (a-z, A-Z) and numbers to generate the unique number. You could use minimum 5 or maximum 13 digits to complete the external ID combination in the new format.

Note: Special characters are not permitted in the random number.

IMPORTANT: All previously created connectors will continue to work as configured. If the customer has to update a connector or create a new connector, they need to provide the external ID in the new format.

Input Parameters

Parameter	Description
connectorBody	(body) Specify the connector details such as qualysAccountId, arn, externalId, and so on. You can specify the external ID in the new syntax. <pre>{ "arn": "string", "description": "string", "externalId": "string", "isChinaRegion": true, "isGovCloud": false, "isPortalConnector": true, "name": "string", "pollingFrequency": {"hours": 0, "minutes": 0", } }</pre> where, -externalId: Specify the unique external ID. The valid format for the external ID is <Qualys POD>-<Qualys Subscription ID>-<random alphanumeric number> where, Qualys POD refers to the Qualys Platform identifier associated with your Qualys subscription. To know the Qualys Platform identifier you belong to, refer to https://www.qualys.com/platform-identification/. Qualys Subscription ID: Your unique Qualys Subscription ID. random alphanumeric number: Unique random alphanumeric number You can use a combination of alphabets (a-z, A-Z) and numbers to generate the unique number. You can use minimum 5 or maximum 13 digits to complete the external ID combination in the new format. Note: Special characters are not permitted in the random number.

Let us view the API changes in detail.

Get the list of connectors (AWS)

List all AWS connectors in the user's account.

Sample - Get the list of all AWS connectors

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/aws/connectors?pageNo=0&pageSize=50&sort=lastSyncedOn%3Adesc'
```

Response:

```
{  
  "name": "AWS Connector",  
  "connectorId": "7f25a529-4629-31e6-9bef-7a5828c360a8",  
  "description": "",  
  "provider": "AWS",  
  "state": "SUCCESS",  
  "totalAssets": 241,  
  "lastSyncedOn": "Wed Jan 13 05:17:58 UTC 2021",  
  "nextSyncedOn": "Wed Jan 13 09:17:58 UTC 2021",  
  "isGovCloud": false,  
  "isChinaRegion": false,  
  "awsAccountId": "XXXXXXXXXXXX",  
  "isDisabled": false,  
  "groups": [],  
  "pollingFrequency": {  
    "hours": 4,  
    "minutes": 0  
  },  
  "error": "",  
  "baseAccountId": "XXXXXXXXXXXX",  
  "externalId": "USPOD01-4765-9011278609223",  
  "arn": "arn:aws:iam::XXXXXXXXXXXX:role/user_john_new_connector",  
  "portalConnectorUuid": "2d39470f-cf33-45e3-8b12-ee5916bf18c9",  
  "isPortalConnector": true  
},  
...  
  "numberOfElements": 6,  
  "size": 50,  
  "number": 0  
}
```

Create a new AWS Connector

Let us create a new AWS connector with new external ID format.

Sample - Create new AWS connector

API request:

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

Request POST Data:

```
{  
  "arn": "arn:aws:iam:XXXXXXXXXXXX:role/CloudViewTest",  
  "description": "Sample External ID",  
  "externalId": "USPOD01-4765-9011278609223",  
  "isChinaRegion": true,  
  "isGovCloud": true,  
  "isPortalConnector": true,  
  "name": "ABC",  
  "pollingFrequency": {  
    "hours": 1,  
    "minutes": 1  
  }  
}
```

Response:

```
{  
  "name": "ABC",  
  "connectorId": "8889b18b-6f92-33d3-8afd-6d9d144177e8",  
  "description": "Sample External ID",  
  "provider": "AWS",  
  "state": "PENDING",  
  "totalAssets": 0,  
  "lastSyncedOn": "Wed Jan 13 07:24:46 UTC 2021",  
  "nextSyncedOn": "Wed Jan 13 08:25:46 UTC 2021",  
  "isGovCloud": true,  
  "isChinaRegion": true,  
  "awsAccountId": "XXXXXXXXXXXX",  
  "isDisabled": false,  
  "groups": [],  
  "pollingFrequency": {  
    "hours": 1,  
    "minutes": 1  
  },  
  "error": "50004",  
  "baseAccountId": "XXXXXXXXXXXX",  
  "externalId": "USPOD01-4765-9011278609223",  
  "arn": "arn:aws:iam:XXXXXXXXXXXX:role/CloudViewTest",  
}
```

```
    "isPortalConnector": false
}
```

Update an existing AWS Connector

Let us update an existing AWS connector with new external ID format.

Sample - Update AWS connector

API request:

```
curl -k -X PUT -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/aws/connectors/xxxxxxxx-
xxxx-xxxx-xxxx-xxxxxxxxxxxxxx'
```

Request POST Data:

```
{
  "arn": "arn:aws:iam::XXXXXXXXXXXX:role/CloudViewTest",
  "description": "Update External ID",
  "externalId": "USPOD01-4765-9011278609223",
  "isChinaRegion": true,
  "isGovCloud": true,
  "isPortalConnector": true,
  "name": "ABC",
  "pollingFrequency": {
    "hours": 1,
    "minutes": 1
  }
}
```

Response:

```
{
  "name": "ABC",
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "description": "Update External ID",
  "provider": "AWS",
  "state": "PENDING",
  "totalAssets": 0,
  "lastSyncedOn": "Wed Jan 13 07:28:39 UTC 2021",
  "nextSyncedOn": "Wed Jan 13 08:29:40 UTC 2021",
  "isGovCloud": true,
  "isChinaRegion": true,
  "awsAccountId": "XXXXXXXXXXXX",
  "isDisabled": false,
  "groups": [],
  "pollingFrequency": {
    "hours": 1,
    "minutes": 1
  }
}
```

```
},  
"error": "50004",  
"baseAccountId": "XXXXXXXXXXXX",  
"externalId": "USPOD01-4765-9011278609223",  
"arn": "arn:aws:iam::XXXXXXXXXXXX:role/CloudViewTest",  
"isPortalConnector": false  
}
```

Assessment Reports in PDF Format

APIs updated	/rest/v1/report/assessment/list /rest/v1/report/assessment/create /rest/v1/report/assessment/<report ID>/download
New or Updated APIs	Updated
Operator	GET, POST,

Use assessment reports to view the compliance of your resources for the defined policies in CloudView. Once you generate an assessment report, you can view and download the report now in PDF format.

Input Parameters

Parameter	Description
createReportRequest	(body) You need to provide the details required to generate the report in the createReportRequest parameter. The syntax for the same is given below: <pre>{ "reportName": "string", "description": "string", "format": "string", "resourceSummaryInclude": true, "cloudType": "string", "query": "string", "startDate": "string", "endDate": "string", "policyIds": ["string"], "resourceResults": ["PASS"], "groupIds": ["string"], "connectorIds": ["string"] }</pre>

where,

reportName: name of the report

description: short description stating the purpose of the report you want to create.

format: the report format: CSV or PDF.

resourceSummaryInclude: Set to true to include details resource ID, connector, control ID, resource type, evaluation date, and resource result in the report (applicable only for PDF report format).

cloudType: the cloud provider (AWS, Azure, or GCP)

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. 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.

policyId: unique ID associated with the policy.

For CSV report format, you can specify multiple policy IDs.

For PDF report format, you can specify only one policy ID.

resourceResults: the evaluation results to be included in the reports for resources evaluated against the controls that meet criteria defined in Search Query. You could specify Pass, PassE (pass with exceptions), and Fail options. You can specify multiple options.

groupIds: unique Id of the (connector) group.

connectorIds: unique Id associated with the connector.

Let us view the API changes in detail.

Create an Assessment Report in PDF format

Sample - Create PDF format Assessment Report

API request:

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

Request POST Data:

```
{  
  "reportName": "Sample PDF Report",  
  "description": "PDF report format",  
  "format": "pdf",  
  "resourceSummaryInclude": false,  
  "cloudType": "GCP",  
  "query": "",  
  "startDate": "2021-01-24T08:46:36Z",  
  "endDate": "2021-01-25T08:46:36Z",  
  "policyIds": ["636335f0-4730-11ea-8758-77aa7bc96f55"],  
  "resourceResults": [PASS],  
  "groupIds": [],  
  "connectorIds": []  
}
```

Response:

1252bf70-xxxx-xxxx-xxxx-19cb59be89b6

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

Download Assessment Report in PDF format

Sample - Download report in PDF format

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudview-api/rest/v1/report/assessment/aed72bc0-  
70e9-11eb-aeb6-0fedd70d4a66/download?reportFormat=pdf' -H "accept: */*"  
-H "authorization: Basic xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"
```

Response:

Response Code: 200

The response body includes the link for download of assessment report in PDF format.

Get Report Configuration

Sample - Fetch the list of report configurations

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/report/assessment/list?pageNo=0&pageSize=50'
```

Response:

```
{  
  "reportName": "Assessment Report in PDF",  
  "status": "COMPLETED",  
  "fileFormat": "pdf",  
  "createdAt": "2021-01-25T06:04:27.000Z",  
  "createdBy": "user_john",  
  "templateName": "Assessment Report",  
  "reportType": "On-Demand",  
  "expiresOn": "2021-02-02",  
  "reportId": "2e383cc0-xxxx-xxxx-xxxx-9b1adcf6e2ef"  
},
```

Fetch Account Alias and Subscription Name

APIs updated	/rest/v1/aws/connectors /rest/v1/azure/connectors
New or Updated APIs	Updated
Operator	GET

We now provide the facility to fetch account alias and subscription name for connectors. You can now fetch account alias name for AWS connectors and subscription name for Microsoft Azure connectors through Get API request.

AWS: Get the list of connectors

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudviewapi/rest/v1/aws/connectors?pageNo=0&pageSiz
e=50&sort=lastSyncedOn%3Adesc'
```

Response:

```
{
  "content": [
    {
      "name": "Sample Connector",
      "connectorId": "4dd715f5-66ee-3de9-8c32-2aa6d4912345",
      "description": "Sample AWS Connector",
      "provider": "AWS",
      "state": "SUCCESS",
      "totalAssets": 5955,
      "lastSyncedOn": "Wed Jan 20 11:30:52 UTC 2021",
      "nextSyncedOn": "Wed Jan 20 13:42:55 UTC 2021",
      "isGovCloud": false,
      "isChinaRegion": false,
      "awsAccountId": "XXXXXXXXXXXX",
      "accountAlias": "alias-test",
      "isDisabled": false,
      "groups": [],
      "pollingFrequency": {
        "hours": 7,
        "minutes": 0
      },
      "error": "",
      "externalId": "1576723123456",
      "arn": "arn:aws:iam::XXXXXXXXXXXX:role/test_role",
      "isPortalConnector": false
    }
  ]
}
```

```
...  
  "size": 50,  
  "number": 0  
} ,
```

AWS: Get the details of connector

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudviewapi/rest/v1/aws/connectors/xxxxxxxx-  
xxxx-xxxx-xxxx-xxxxxxxxxxxxx'
```

Response:

```
{  
  "name": "Sample AWS Connector",  
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-  
xxxxxxxxxxxxx",  "description": "Sample Connector",  
  "provider": "AWS",  
  "state": "SUCCESS",  
  "totalAssets": 5955,  
  "lastSyncedOn": "Thu Jan 21 05:48:54 UTC 2021",  
  "nextSyncedOn": "Thu Jan 21 09:48:54 UTC 2021",  
  "isGovCloud": false,  
  "isChinaRegion": false,  
  "awsAccountId": "XXXXXXXXXXXX",  
  "accountAlias": "alias-sample",  
  "isDisabled": false,  
  "groups": [],  
  "pollingFrequency": {  
    "hours": 7,  
    "minutes": 0  
  },  
  "error": "",  
  "externalId": "1576723123456",  
  "arn": "arn:aws:iam::XXXXXXXXXXXX:role/test_role",  
  "isPortalConnector": false  
}
```

Azure: Get the list of connectors

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudviewapi/rest/v1/azure/connectors?pageNo=0&pageS  
ize=50&sort=lastSyncedOn%3Adesc'
```

Response:

```
{
  "content": [
    {
      "name": "Sample Azure connector",
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "description": "test connector",
      "provider": "AZURE",
      "state": "SUCCESS",
      "totalAssets": 30,
      "lastSyncedOn": "Thu Jan 21 03:10:35 UTC 2021",
      "nextSyncedOn": "Thu Jan 21 07:10:35 UTC 2021",
      "isGovCloud": false,
      "isDisabled": false,
      "applicationId": "d8c3a45a-e6f9-449e-8a54-2416e2d12345",
      "subscriptionId": "1d767489-XXXX-XXXX-a285-bf2c70812345",
      "subscriptionName": "test-subscription-name",
      "groups": [],
      "pollingFrequency": {
        "hours": 9,
        "minutes": 0
      }
    },
    {
      "directoryId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "size": 50,
      "number": 0
    }
  ]
}
```

Azure: Get the details of connector

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/azure/connectors/
xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx'
```

Response:

```
{
  "name": "Sample Azure connector",
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "description": "Sample connector",
  "provider": "AZURE",
  "state": "SUCCESS",
  "totalAssets": 30,
  "lastSyncedOn": "Thu Jan 21 03:10:35 UTC 2021",
  "nextSyncedOn": "Thu Jan 21 07:10:35 UTC 2021",
  "isGovCloud": false,
```

```
    "isDisabled": false,  
    "applicationId": "d8c3a45a-xxxx-xxxx-xxxx-2416e2d12345",  
    "subscriptionId": "1d767489-xxxx-xxxx-xxxx-bf2c70812345",  
    "subscriptionName": "test-subscription-name",  
    "groups": [],  
    "pollingFrequency": {  
      "hours": 9,  
      "minutes": 0  
    },  
    "directoryId": "ff4e2413-65ab-4dc2-9e5b-1ea02d312345"  
  }  
}
```

Enable-Disable Connectors

APIs introduced	/rest/v1/aws/connectors/connectors/disable /rest/v1/aws/connectors/connectors/enable /rest/v1/aws/connectors/{connectorId} /rest/v1/aws/connectors /rest/v1/azure/connectors/connectors/disable /rest/v1/azure/connectors/connectors/enable /rest/v1/azure/connectors/{connectorId} /rest/v1/azure/connectors /rest/v1/gcp/connectors/connectors/disable /rest/v1/gcp/connectors/connectors/enable /rest/v1/gcp/connectors/{connectorId} /rest/v1/gcp/connectors
New or Updated APIs	New
Operator	GET, PATCH

We now give you the flexibility to enable or disable a connector. By default, all connectors you create are in enabled state. When you disable a connector, it is not eligible for auto-run or manual run. You can enable a disabled connector to make it eligible for auto-run or manual run. You can view connector details, update or delete a disabled connector.

Note: If a combination of connectors (enabled/disabled) or only disabled connector are run using Run API request call, the response is always **acknowledged: true**. The Run connector API always skips disabled connector for all clouds.

Let us view the examples for enabling and disabling connectors.

Amazon Web Services

- [Get list of AWS connectors](#)
- [Get specific AWS Connector Details](#)
- [Disable AWS Connector](#)
- [Enable AWS Connector](#)

Microsoft Azure

- [Get list of AWS connectors](#)
- [Get specific Azure Connector Details](#)
- [Disable Azure Connector](#)
- [Enable Azure Connector](#)

Google Cloud Platform

[Get list of GCP connectors](#)

[Get GCP Connector Details](#)

[Disable GCP Connector](#)

[Enable GCP Connector](#)

Amazon Web Services

Get list of AWS connectors

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/aws/connectors?pageNo=0&pageSize=50'
```

Response:

```
{  
  "content": [  
    {  
      "name": "AWS Connector",  
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",  
      "description": "",  
      "provider": "AWS",  
      "state": "SUCCESS",  
      "totalAssets": 254,  
      "lastSyncedOn": "Tue Feb 02 04:46:20 UTC 2021",  
      "nextSyncedOn": "Tue Feb 02 08:46:20 UTC 2021",  
      "remediationEnabled": true,  
      "isGovCloud": false,  
      "isChinaRegion": false,  
      "awsAccountId": "XXXXXXXXXXXX",  
      "isDisabled": false,  
      "groups": [],  
      "pollingFrequency": {  
        "hours": 4,  
        "minutes": 0  
      },  
      "error": "",  
      "baseAccountId": "XXXXXXXXXXXX",  
      "externalId": "pod01-324825-1616617666828",  
      "arn": "arn:aws:iam::XXXXXXXXXXXX:role/user_john",  
      "isPortalConnector": false  
    },  
    {  
      "name": "AWS Connector",  
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",  
      "description": "",  
      "provider": "AWS",  
      "state": "SUCCESS",  
      "totalAssets": 254,  
      "lastSyncedOn": "Tue Feb 02 04:46:20 UTC 2021",  
      "nextSyncedOn": "Tue Feb 02 08:46:20 UTC 2021",  
      "remediationEnabled": true,  
      "isGovCloud": false,  
      "isChinaRegion": false,  
      "awsAccountId": "XXXXXXXXXXXX",  
      "isDisabled": false,  
      "groups": [],  
      "pollingFrequency": {  
        "hours": 4,  
        "minutes": 0  
      },  
      "error": "",  
      "baseAccountId": "XXXXXXXXXXXX",  
      "externalId": "pod01-324825-1616617666828",  
      "arn": "arn:aws:iam::XXXXXXXXXXXX:role/user_john",  
      "isPortalConnector": false  
    }  
  ]  
}
```

```

"name": "AWS GovCloud - PMSA",
"connectorId": "d8273c34-8647-3fa2-bf88-81029b7ad6e8",
"description": "sample description,",
"provider": "AWS",
"state": "SUCCESS",
"totalAssets": 108,
"lastSyncedOn": "Thu Jan 28 23:37:36 UTC 2021",
"nextSyncedOn": "Fri Jan 29 00:30:09 UTC 2021",
"isGovCloud": true,
"isChinaRegion": false,
"awsAccountId": "XXXXXXXXXXXX",
"isDisabled": true,
"groups": [
  {
    "name": "abc",
    "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx"
  }
],
"pollingFrequency": {
  "hours": 4,
  "minutes": 0
},
"error": "",
"baseAccountId": "XXXXXXXXXXXX",
"externalId": "pod01-xxxxx-1617324053379",
"arn": "arn:aws-us-gov:iam:XXXXXXXXXXXX:role/tc-govcloud-qatest",
"portalConnectorUuid": "149a5150-0106-4519-8394-058c28b4adb4",
"isPortalConnector": true
},
{
  "name": "centos 6 test",
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx",
  "provider": "AWS",
  "state": "PENDING",
  "totalAssets": 0,
  "lastSyncedOn": "Wed Nov 04 18:53:00 UTC 2020",
  "nextSyncedOn": "Wed Nov 04 22:53:00 UTC 2020",
  "isGovCloud": false,
  "isChinaRegion": false,
  "awsAccountId": "XXXXXXXXXXXX",
  "isDisabled": false,
  "groups": [],
  "pollingFrequency": {
    "hours": 4,
    "minutes": 0
  },
  "error": "",
  "externalId": "1606011692837",
  "arn": "arn:aws:iam:XXXXXXXXXXXX:role/POD4_AV_test",

```

```

        "portalConnectorUuid": "ffe0132c-21eb-42ff-8520-beef4d6c53cb",
        "isPortalConnector": true
    }
],
...
    "numberOfElements": 3,
    "size": 50,
    "number": 0
}

```

Get specific AWS Connector Details

API request:

```

curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/aws/connectors/xxxxxxxx-
xxxx-xxxx-xxxx-xxxxxxxxxxxxxx'

```

Response:

```

{
  "name": "Sample AWS Connector",
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "description": "",
  "provider": "AWS",
  "state": "SUCCESS",
  "totalAssets": 254,
  "lastSyncedOn": "Tue Feb 02 04:46:20 UTC 2021",
  "nextSyncedOn": "Tue Feb 02 08:46:20 UTC 2021",
  "remediationEnabled": true,
  "isGovCloud": false,
  "isChinaRegion": false,
  "awsAccountId": "XXXXXXXXXXXX",
  "isDisabled": true,
  "groups": [],
  "pollingFrequency": {
    "hours": 4,
    "minutes": 0
  },
  "baseAccountId": "XXXXXXXXXXXX",
  "externalId": "pod01-324825-1616617666828",
  "arn": "arn:aws:iam::XXXXXXXXXXXX:role/user-john",
  "isPortalConnector": false
}

```

Disable AWS Connector

API request:

```

curl -k -X PATCH -u <username>:<password>

```

```
'https://<QualysURL>/cloudview-  
api/rest/v1/aws/connectors/connectors/disable'-d "[ \\"xxxxxxxx-xxxx-  
xxxx-xxxx-xxxxxxxxxxxxxx\""]"
```

Response:

```
{  
  "acknowledged": true  
}
```

Enable AWS Connector

API request:

```
curl -k -X PATCH -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/aws/connectors/connectors/enable'-d "[ \\"xxxxxxxx-xxxx-  
xxxx-xxxx-xxxxxxxxxxxxxx\""]"
```

Response:

```
{  
  "acknowledged": true  
}
```

Microsoft Azure

Get list of AWS connectors

API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/azure/connectors?pageNo=0&pageSize=50'
```

Response:

```
{  
  "content": [  
    {  
      "name": "sample azure connector",  
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",  
      "description": "",  
      "provider": "AZURE",  
      "state": "SUCCESS",  
      "totalAssets": 217,  
      "lastSyncedOn": "Wed Feb 03 04:57:42 UTC 2021",  
      "nextSyncedOn": "Wed Feb 03 08:57:43 UTC 2021",  
      "isGovCloud": false,  
      "isDisabled": false,  
      "applicationId": "f076c321-694d-4929-ae0b-d2bd14d1a4d7",  
    }  
  ]  
}
```

```

    "subscriptionId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "subscriptionName": "sample_subscription",
    "groups": [
      {
        "name": "user_john",
        "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
      }
    ],
    "pollingFrequency": {
      "hours": 4,
      "minutes": 0
    },
    "directoryId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
  },
  {
    "name": "Azure GovCloud - PMSA",
    "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "description": "test update connector",
    "provider": "AZURE",
    "state": "SUCCESS",
    "totalAssets": 48,
    "lastSyncedOn": "Thu Jan 28 20:48:23 UTC 2021",
    "nextSyncedOn": "Thu Jan 28 21:48:24 UTC 2021",
    "isGovCloud": true,
    "isDisabled": true,
    "applicationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "subscriptionId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "subscriptionName": "Product Management Solution Architect",
    "groups": [],
    "pollingFrequency": {
      "hours": 4,
      "minutes": 0
    },
    "directoryId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
  }
],
...
"numberOfElements": 2,
"size": 50,
"number": 0
}

```

Get specific Azure Connector Details

API request:

```

curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/azure/connectors/
xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx'

```

Response:

```
{
  "name": "sample azure connector",
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "description": "",
  "provider": "AZURE",
  "state": "SUCCESS",
  "totalAssets": 217,
  "lastSyncedOn": "Wed Feb 03 08:59:40 UTC 2021",
  "nextSyncedOn": "Wed Feb 03 12:59:41 UTC 2021",
  "isGovCloud": false,
  "isDisabled": false,
  "applicationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "subscriptionId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "subscriptionName": "qlys-dev-cvdev",
  "groups": [
    {
      "name": "user_john",
      "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
    }
  ],
  "pollingFrequency": {
    "hours": 4,
    "minutes": 0
  },
  "directoryId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"
}
```

Disable Azure Connector

API request:

```
curl -k -X PATCH -u <username>:<password>
'https://<QualysURL>/cloudview-
api/rest/v1/azure/connectors/connectors/disable'-d "[ \"xxxxxxxx-
xxxx-xxxx-xxxx-xxxxxxxxxxxxxx\"]"
```

Response:

```
{
  "acknowledged": true
}
```

Enable Azure Connector

API request:

```
curl -k -X PATCH -u <username>:<password>
'https://<QualysURL>/cloudview-
api/rest/v1/azure/connectors/connectors/enable'-d "[ \"xxxxxxxx-xxxx-
```

```
xxxx-xxxx-xxxxxxxxxxxxx"]"
```

Response:

```
{
  "acknowledged": true
}
```

Google Cloud Platform

Get list of GCP connectors

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-
api/rest/v1/gcp/connectors?pageNo=0&pageSize=50&sort=lastSyncedOn%3Adesc'
```

Response:

```
{
  "content": [
    {
      "name": "Sample GCP connector",
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx",
      "description": "",
      "provider": "GCP",
      "state": "SUCCESS",
      "totalAssets": 0,
      "lastSyncedOn": "Wed Feb 03 09:03:25 UTC 2021",
      "nextSyncedOn": "Wed Feb 03 13:03:25 UTC 2021",
      "isDisabled": false,
      "projectId": "cloudview-gcp-project",
      "groups": [],
      "pollingFrequency": {
        "hours": 4,
        "minutes": 0
      }
    },
    {
      "name": "Demo Connector",
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx",
      "description": "",
      "provider": "GCP",
      "state": "ERROR",
      "totalAssets": 0,
      "lastSyncedOn": "Wed Feb 03 09:02:14 UTC 2021",
      "nextSyncedOn": "Wed Feb 03 13:02:15 UTC 2021",
      "isDisabled": false,
      "projectId": "sample-208707",

```

```

    "groups": [],
    "pollingFrequency": {
      "hours": 4,
      "minutes": 0
    }
  },
  {
    "name": "GCP Connector Sample",
    "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "description": "",
    "provider": "GCP",
    "state": "SUCCESS",
    "totalAssets": 189,
    "lastSyncedOn": "Wed Feb 03 01:00:01 UTC 2021",
    "nextSyncedOn": "Wed Feb 03 05:00:01 UTC 2021",
    "isDisabled": false,
    "projectId": "gcp-demo",
    "groups": [
      {
        "name": "limited",
        "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
      }
    ],
    "pollingFrequency": {
      "hours": 4,
      "minutes": 0
    }
  },
  ...
  "numberOfElements": 3,
  "size": 50,
  "number": 0
}

```

Get GCP Connector Details

API request:

```

curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/gcp/connectors/xxxxxxxx-
xxxx-xxxx-xxxx-xxxxxxxxxxxx'

```

Response:

```

{
  "name": "Sample GCP connector",
  "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "description": "",
  "provider": "GCP",
  "state": "SUCCESS",

```

```
"totalAssets": 0,  
"lastSyncedOn": "Wed Feb 03 09:03:25 UTC 2021",  
"nextSyncedOn": "Wed Feb 03 13:03:25 UTC 2021",  
"isDisabled": false,  
"projectId": "sample-project",  
"groups": [],  
"pollingFrequency": {  
  "hours": 4,  
  "minutes  
": 0  
}  
}
```

Disable GCP Connector

API request:

```
curl -k -X PATCH -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/gcp/connectors/connectors/disable'-d "[ \"xxxxxxxx-xxxx-  
xxxx-xxxx-xxxxxxxxxxxxxx\"]"
```

Response:

```
{  
  "acknowledged": true  
}
```

Enable GCP Connector

API request:

```
curl -k -X PATCH -u <username>:<password>  
'https://<QualysURL>/cloudview-  
api/rest/v1/gcp/connectors/connectors/enable'-d "[ \"xxxxxxxx-xxxx-xxxx-  
xxxx-xxxxxxxxxxxxxx\"]"
```

Response:

```
{  
  "acknowledged": true  
}
```