



Qualys CloudView v1.x

API Release Notes

Version 1.14.0

January 19, 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](#)

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
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 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 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	<p>(body) Specify the connector details such as qualysAccountId, arn, externalId, and so on. You can specify the external ID in the new syntax.</p> <pre>{ "arn": "string", "description": "string", "externalId": "string", "isChinaRegion": true, "isGovCloud": false, "isPortalConnector": true, "name": "string", "pollingFrequency": {"hours": 0, "minutes": 0}, }</pre> <p>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.</p>

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/8889b18b-6f92-33d3-8afd-6d9d144177e8'

```

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": "8889b18b-6f92-33d3-8afd-6d9d144177e8",
  "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  
}
```