Qualys CloudView v1.x
API Release Notes

Version 1.16.0

June 18, 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

Fetch Remediation Activity Details (New)

Response Update for Get Connector Details

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	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.

Fetch Remediation Activity Details

New API	/rest/v1/remediation/activity GET
New or Updated APIs	New
Operator	GET
APIs updated	/rest/v1/aws/connectors GET /rest/v1/azure/connectors GET /rest/v1/gcp/connectors GET /rest/v1/aws/connectors/{connectorId} GET /rest/v1/azure/connectors/{connectorId} GET /rest/v1/gcp/connectors/{connectorId} GET **Note**: If remediation is enabled on a connector, the response for above fetch requests includes `remediationEnabled: true`.
New or Updated APIs	Updated
Operator	GET

Remediation allows you to select the resources you want to remediate and trigger remediation activities. All the remediation activities that you trigger from CloudView UI can be fetched through our new API: Get the list of remediation activities.

You could form search queries using the search tokens supported by Qualys Query Language (QQL) to filter the activities. To view the list of tokens supported, refer to "Search for Remediation Activity" topic of the CloudView Online Help.

Input Parameters

Parameter	Description
CloudType	Specify the cloud provider for which you want to fetch all the supported policies. You could mention AWS, AZURE, or GCP.
filter	Filter the remediation activities list providing a query using Qualys syntax. The search tokens are supported are listed in the "Search for Remediation Activity" topic of the CloudView Online Help.
pageNo	(integer) The page to be returned.
pageSize	(integer) The number of records per page to be included in the response.

Sample for Get the list of remediation activities **(new API)**

Response Update for Get Connector Details

In addition to the new API that we have introduced for remediation, we have also updated the existing APIs to reflect if the remediation is enabled or not on the connector associated with the resource. If remediation is enabled on a connector, the response includes `"remediationEnabled": true.`

Let us view the examples for API changes in detail.

AWS

AWS: Get the list of connectors

AWS: Get the details of a connector

Azure

Azure: Get the list of connectors

Azure: Get the details of a connector

GCP

GCP: Get the list of connectors

GCP: Get the details of a connector

Get the list of remediation activities

Let us fetch the activities for AWS cloud provider.

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-
api/rest/v1/remediation/activity?cloudType=AWS&pageNo=0&pageSize=50"'
```

Response:

```
{
  "content": [
    {
      "resourceId": "i-0f9ff0ee787ec1554",
      "cloudType": "AWS",
      "accountId": "XXXXXXXXXXXX",
      "region": "N. Virginia",
      "status": "Success",
      "resourceType": "Instance",
      "remediationAction": "Stop Instance",
      "connectorName": "CLV-AWS-Connector-Remediation-116",
      "triggeredOn": "2021-05-21T11:01:05.990+00:00",
```

```
          "Errors": "",
          "triggeredBy": "John Doe",
          "remediationReason": "Sample comment"
        },
        {
          "resourceId": "cloudformation-poc-pc",
          "controlId": 60,
          "cloudType": "AWS",
          "accountId": "XXXXXXXXXXXX",
          "region": "Oregon",
          "status": "Success",
          "resourceType": "S3 Bucket",
          "remediationAction": "Control Remediation",
          "connectorName": "CLV-AWS-Connector-Remediation-116",
          "policyName": "CIS Amazon Web Services Foundations Benchmark",
          "controlName": "Ensure that \"Block public and cross-account
    access\" if bucket has public policies for bucket is set to true",
          "triggeredOn": "2021-05-19T18:20:48.885+00:00",
          "Errors": "",
          "triggeredBy": "John Doe",
          "remediationReason": "sample comment"
        },
     ...
  }
```

AWS: Get the list of connectors

If remediation is enabled on a connector, the response includes `"remediationEnabled": true`.

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 2",
      "connectorId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
      "description": "",
      "provider": "AWS",
      "state": "SUCCESS",
      "totalAssets": 333,
      "lastSyncedOn": "Thu May 20 11:52:00 UTC 2021",
      "nextSyncedOn": "Thu May 20 13:50:52 UTC 2021",
      "remediationEnabled": true,
      "isGovCloud": false,
      "isChinaRegion": false,
      "awsAccountId": "XXXXXXXXXXXX",
      "accountAlias": "sample_account_alias",
      "isDisabled": false,
      ...
}
```

AWS: Get the details of a connector

If remediation is enabled on a connector, the response includes `"remediationEnabled": true`.

API request:

```
curl -k -X GET -u <username>:<password>
https://<QualysURL>/cloudview-api/rest/v1/aws/connectors/1111a111-1111-
11a1-a1a1-1aa1a1111111'
```

Response:

```
{
  "name": "AWS Connector 2",
  "connectorId": "1111a111-1111-11a1-a1a1-1aa1a1111111",
  "description": "",
  "provider": "AWS",
  "state": "SUCCESS",
```

```
      "totalAssets": 333,
      "lastSyncedOn": "Thu May 20 11:52:00 UTC 2021",
      "nextSyncedOn": "Thu May 20 13:50:52 UTC 2021",
      "remediationEnabled": true,
      "isGovCloud": false,
      "isChinaRegion": false,
      "awsAccountId": "XXXXXXXXXXXX",
      "accountAlias": "SAMPLE-ACCOUNT",
      "isDisabled": false,
      "groups": [
        {
          "name": "AWS Connector",
          "uuid": "0ee655f8-2680-3ef1-98f7-d3d7b34aa485"
        },
        ...
      ],
      "pollingFrequency": {
        "hours": 2,
        "minutes": 0
      },
          "baseAccountId": "XXXXXXXXXXXX",
          "externalId": "pod04-2722092-1626634575829",
          "arn": "arn:aws:iam::XXXXXXXXXXXX:role/sample_role",
          "isPortalConnector": false
}
```

Azure: Get the list of connectors

If remediation is enabled on a connector, the response includes "remediationEnabled": true.

API request:

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

Response:

```
{
  "content": [
    {
      "name": "Azure Conn2",
      "connectorId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
      "description": "",
      "provider": "AZURE",
      "state": "SUCCESS",
      "totalAssets": 58,
      "lastSyncedOn": "Sat Jun 19 10:39:13 UTC 2021",
      "nextSyncedOn": "Sat Jun 19 14:39:56 UTC 2021",
```

```
    "remediationEnabled": true,
    "isGovCloud": false,
    "isDisabled": false,
    "applicationId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
    "subscriptionId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
    "subscriptionName": "Sample_subscription",
    "groups": [],
    "pollingFrequency": {
      "hours": 4,
      "minutes": 0
    },
    "directoryId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"
  },
  ...
  "numberOfElements": 2,
  "size": 50,
  "number": 0
}
```

Azure: Get the details of a connector

If remediation is enabled on a connector, the response includes `"remediationEnabled": true`.

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/azure/connectors/1111a111-
1111-11a1-a1a1-1aa1a1111111'
```

Response:

```
{
  "name": "Azure Conn2",
  "connectorId": "1111a111-1111-11a1-a1a1-1aa1a1111111",
  "description": "",
  "provider": "AZURE",
  "state": "SUCCESS",
  "totalAssets": 58,
  "lastSyncedOn": "Sat Jun 19 10:39:13 UTC 2021",
  "nextSyncedOn": "Sat Jun 19 14:39:56 UTC 2021",
  "remediationEnabled": true,
  "isGovCloud": false,
  "isDisabled": false,
  "applicationId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
  "subscriptionId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
  "subscriptionName": "Sample_subscription",
  "groups": [],
  "pollingFrequency": {
    "hours": 4,
```

```
      "minutes": 0
    },
    "directoryId": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"
  }
```

GCP: Get the list of connectors

If remediation is enabled on a connector, the response includes "remediationEnabled": true.

API request:

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

Response:

```
{
  "content": [
    {
      "name": "GCP Connector",
      "connectorId": "1111a111-1111-11a1-a1a1-1aa1a1111111",
      "description": "",
      "provider": "GCP",
      "state": "SUCCESS",
      "totalAssets": 238,
      "lastSyncedOn": "Thu May 20 11:51:41 UTC 2021",
      "nextSyncedOn": "Thu May 20 15:26:27 UTC 2021",
      "remediationEnabled": true,
      "isDisabled": false,
      "projectId": "my-project-XXXXXXXXXX",
      "groups": [
        {
          "name": "SAMPLe Group",
          "uuid": "4659b745-c06d-39ef-8bc1-e6f7f5acee12"
        },
        {
          "name": "GCP Connectors",
          "uuid": "173236f5-5b34-3757-9782-5e9dec1c1709"
        }
      ],
      "pollingFrequency": {
        "hours": 4,
        "minutes": 0
      }
    },
    {
      "name": "GCP Connector 2",
      "connectorId": "2222a222-2222-22b2-b2b2-1aa1a2222222",
```

```
          "description": "",
          "provider": "GCP",
          "state": "SUCCESS",
          "totalAssets": 146,
          "lastSyncedOn": "Thu May 20 11:51:36 UTC 2021",
          "nextSyncedOn": "Thu May 20 14:58:36 UTC 2021",
          "remediationEnabled": true,
          "isDisabled": false,
          "projectId": my-project-XXXXXXXXXX",
      ...
}
```

GCP: Get the details of a connector

If remediation is enabled on a connector, the response includes `"remediationEnabled": true`.

API request:

```
curl -k -X GET -u <username>:<password>
'https://<QualysURL>/cloudview-api/rest/v1/gcp/connectors/1111a111-1111-
11a1-a1a1-1aa1a1111111'
```

Response:

```
{
  "name": "GCP Connector",
  "connectorId": "1111a111-1111-11a1-a1a1-1aa1a1111111",
  "description": "",
  "provider": "GCP",
  "state": "SUCCESS",
  "totalAssets": 238,
  "lastSyncedOn": "Thu May 20 11:51:41 UTC 2021",
  "nextSyncedOn": "Thu May 20 15:26:27 UTC 2021",
  "remediationEnabled": true,
  "isDisabled": false,
  "projectId": "my-project-xxxxxxxxxx",
  "groups": [
    {
      "name": "GCP Connectors",
      "uuid": "173236f5-5b34-3757-9782-5e9dec1c1709"
    },
    {
      "name": "Sample Group",
      "uuid": "4659b745-c06d-39ef-8bc1-e6f7f5acee12"
    }
  ],
  "pollingFrequency": {
    "hours": 4,
    "minutes": 0
```

```
        }
}
```