



Qualys TotalCloud v2.x

API Release Notes

Version 2.5.0

August 20, 2023

The new version of Qualys TotalCloud introduces APIs for the new OCI Inventory support and an additional assessment report API. You can 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?

[New Oracle Cloud Inventory Resource APIs](#)

[New Assessment Report API](#)

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

New Oracle Cloud Inventory Resource APIs

With TotalCloud 2.5.0, we have introduced inventory support for Oracle Cloud Infrastructure (OCI) resources. You can discover and view the OCI resources in your cloud account in the Qualys TotalCloud inventory. The discovered resources can be tested against industry standard policies to evaluate their cloud security posture.

Note: You must contact support to enable this feature for your subscription.

The following OCI Resource APIs lets you fetch details about the discovered OCI resources and their control evaluations.

[Get the List of Evaluations](#)

[Get the Resources Evaluated for the Sepcified Control and Account ID](#)

[Get the Stats of an Evaluation](#)

[Get the List of All OCI Resources by Type](#)

[Get OCI Resource Details by UUID](#)

Get the List of Evaluations

APIs	/cloudview-api/rest/v1/oci/evaluations/?tenantId=''
New or Updated	NEW
Operator	GET

We have introduced a new API to fetch the list of evaluations for OCI controls per account. Provide the tenant ID to fetch the evaluation details.

Input Parameters

Parameter	Mandatory/Optional/Default	Description
tenantId	Mandatory	Provide the tenant ID.
filter	Optional	Filter the resources list by providing a query using filter tokens.
pageSize	Optional	The number of records per page to be included in the response.
pageNo	Optional	The page number to be returned.

Sample: Fetch Evaluation details of Given Account

API Request:

```
curl -n -u "USERNAME:PASSWORD" -X "GET"
"<QualysBaseURL>/cloudviewapi/rest/v1/oci/evaluations/?tenantId='ocid1.tenanc
y.oc1..aaaaaaaaaaaaaa'"
-header 'Accept: application/json'
-header 'Content-Type: application/json'
```

Response:

```
{
  "content": [
    {
      "policyNames": [
        "OCI Best Practices Policy"
      ],
      "controlName": "Ensure no Object Storage buckets are left
Untagged",
      "criticality": "MEDIUM",
      "result": "PASS",
      "service": "STORAGE",
```

```
        "controlId": "40009",
        "failedResources": 0,
        "passWithExceptionResources": 0,
        "passedResources": 1
    }
],
"pageable": {
    "sort": {
        "sorted": false,
        "empty": true,
        "unsorted": true
    },
    "pageSize": 300,
    "pageNumber": 0,
    "offset": 0,
    "paged": true,
    "unpaged": false
},
"totalPages": 1,
"totalElements": 1,
"last": true,
"number": 0,
"size": 300,
"numberOfElements": 1,
"sort": {
    "sorted": false,
    "empty": true,
    "unsorted": true
},
"first": true,
"empty": false
}
```

Get the Resources Evaluated for the Sepcified Control and Account ID

API	/cloudview-api/rest/v1/oci/evaluations/resources/{controlId}
New or Updated	NEW
Operator	GET

We have introduced an API to get the details of evaluated resources by providing the account and control details.

Input Parameter

Parameter	Mandatory/Optional/Default	Description
tenantId	Mandatory	Provide the tenant ID of resource to fetch.
controlId	Mandatory	Provide the control ID of the resource evaluation to fetch.
filter	Optional	Filter the resources list by providing a query using filter tokens.
pageSize	Optional	The number of records per page to be included in the response.
pageNo	Optional	The page number to be returned.

Sample: Get the Evaluation Details of Given Control and Account ID

API Request:

```
curl -n -u "USERNAME:PASSWORD" -X "GET"
'<QualysBaseURL>/cloudviewapi/rest/v1/oci/evaluations/resources/40009?tenantI
d='ocidl.tenancy.ocl..aaaaaaaaaaaa'\
-header 'Accept: application/json'
-header 'Content-Type: application/json'
```

Response:

```
{
  "content": [
    {
      "evidences": [
        {
          "settingName": "Bucket Display Name",
          "actualValue": "test_bucket"
        },
      ],
    }
  ],
}
```

```
        {
            "settingName": "Bucket is Tagged",
            "actualValue": "TRUE"
        }
    ],
    "evaluatedOn": "2023-06-29T01:54:18+0000",
    "region": "us-sanjose-1",
    "resourceId": "test_bucket",
    "resourceName": "test_bucket",
    "resourceType": "BUCKET",
    "tenantId": "deaf",
    "connectorUuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "result": "PASS",
    "evaluationDates": {
        "firstEvaluated": "2023-06-19T08:48:10+0000",
        "lastEvaluated": "2023-06-19T08:48:10+0000",
        "dateReopen": null,
        "dateFixed": null
    }
}
],
"pageable": {
    "sort": {
        "sorted": false,
        "empty": true,
        "unsorted": true
    },
    "pageSize": 8,
    "pageNumber": 0,
    "offset": 0,
    "paged": true,
    "unpaged": false
},
"totalPages": 1,
"totalElements": 1,
"last": true,
"number": 0,
"size": 8,
"numberOfElements": 1,
"sort": {
    "sorted": false,
    "empty": true,
    "unsorted": true
},
"first": true,
"empty": false
}
```

Get the Stats of an Evaluation

API	/cloudviewapi/rest/v1/oci/evaluations/stats/{controlId}/{connectorId}?resourceId= ''
New or Updated	NEW
Operator	GET

We have introduced an API to get the evaluation dates for the provided Control ID and Resource ID.

Parameter	Mandatory/Optional/Default	Description
controlIds	Mandatory	Provide the Control ID of the evaluation.
resourceId	Mandatory	Provide the Resource ID of the resource evaluated.
connectorId	Mandatory	Provide the Connector UUID where the discovered resources where evaluated.

Sample: Get the Stats of the Specified Control ID and Resource

API Request:

```
curl -n -u "USERNAME:PASSWORD" -X "GET"  
'<QualysBaseURL>/cloudviewapi/rest/v1/oci/evaluations/stats/40003/xxxxxxx  
x-xxxx-xxxx-xxxxxxxxxxxxxxxxxxxx/?resourceId=ocid1.bucket.oc1.ap-  
mumbail.aaaaaaaaaaaaaa' \  
-header 'Accept: application/json'  
-header 'Content-Type: application/json'
```

Response:

```
{  
  "firstEvaluated": "2023-06-19T08:48:10+0000",  
  "lastEvaluated": "2023-06-19T08:48:10+0000",  
  "dateReopen": null,  
  "dateFixed": null  
}
```

Get the List of All OCI Resources by Type

API	/cloudview-api/rest/v1/resource/{resourceType}/oci
New or Updated	NEW
Operator	GET

We have introduced an API to get the list of all OCI resources by type.

Input Parameters

Parameter	Mandatory/Optional/Default	Description
resourcetype	Mandatory	Provide the type of resources to fetch its list of OCI resources.
filter	Optional	Filter the resources list by providing a query using filter tokens.
pageSize	Optional	The number of records per page to be included in the response.
pageNo	Optional	The page number to be returned.
sort	Optional	The sort field order for the response objects.

Sample: Get the List of OCI Resources for the Resource Type, 'INSTANCE'

API Request:

```
curl -n -u "USERNAME:PASSWORD" -X "GET"
'<QualysBaseURL>/cloudviewapi/rest/v1/resource/INSTANCE/oci?pageNo=0&pageSize=3' \
-header 'Accept: application/json'
-header 'Content-Type: application/json'
```

Response:

```
{
  "content": [
    {
      "controlsFailed": 1,
      "resourceId": "ocid1.securitylist.oc1.me-jeddah-
1.aaaaaaaa7r53ixibeqjrbtylmtdzu47kks34ove3g2algtbhxtbopjnaarq",
      "connectorId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
```



```
"tagIds": null,
"type": "SECURITY_LIST",
"uuid": null,
"lastUpdated": "Thu Jul 27 14:50:19 UTC 2023",
"tenancyName": null,
"cloudType": "OCI",
"customerId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
"compartment": {
  "name": null,
  "ociId": null,
  "id": "ocidl.compartment.oc1..ocidl.tenancy.oc1..aaaaaaaa"
},
"ociId": null,
"customers": [
  "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
],
"connectorSource": null,
"lifecycleState": "AVAILABLE",
"connectorUuids": [
  "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
],
"availabilityDomain": "",
"scanId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
"cloudAccountId":
"ocidl.securitylist.oc1.ocidl.tenancy.oc1..aaaaaaaa",
"additionalDetails": {
  "ingressSecurityRules": [
    {
      "protocol": "TCP",
      "isStateless": null,
      "udpOptions": null,
      "ntwOptionSourcePortRange": null,
      "icmpOptions": null,
      "source": "0.0.0.0/0",
      "tcpOptions": {
        "sourcePortRange": null,
        "destinationPortRange": {
          "min": 22,
          "max": 22
        }
      }
    },
    "ntwOptionDesPortRange": null
  ],
  {
    "protocol": "ICMP",
    "isStateless": null,
    "udpOptions": null,
    "ntwOptionSourcePortRange": null,
    "icmpOptions": null,
```

```
        "source": "0.0.0.0/0",
        "tcpOptions": null,
        "ntwOptionDesPortRange": null
    },
    {
        "protocol": "ICMP",
        "isStateless": null,
        "udpOptions": null,
        "ntwOptionSourcePortRange": null,
        "icmpOptions": null,
        "source": "10.0.0.0/16",
        "tcpOptions": null,
        "ntwOptionDesPortRange": null
    }
],
"egressSecurityRules": [
    {
        "protocol": "all",
        "isStateless": null,
        "udpOptions": null,
        "ntwOptionSourcePortRange": null,
        "destination": "0.0.0.0/0",
        "icmpOptions": null,
        "tcpOptions": null,
        "ntwOptionDesPortRange": null
    }
]
},
"creationDate": 1622070182658,
"firstDiscoveredOn": 1690469419169,
"connectorUid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
"vcnId": "ocid1.vcn.oc1.ocid1.tenancy.oc1..aaaaaaaa",
"scanUids": [
    "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
],
"name": "Default Security List for vcn-20210526-1602",
"tenantId": "ocid1.tenancy.oc1..aaaaaaaa",
"qualysTags": [],
"region": "me-jeddah-1",
"ociTags": [
    {
        "nameSpace": "Oracle-Tags",
        "type": "DEFINED",
        "value": "oraclecenggl/test@qualys.com",
        "key": "CreatedBy"
    },
    {
        "nameSpace": "Oracle-Tags",
        "type": "DEFINED",
```

```
        "value": "2021-05-26T23:03:02.652Z",
        "key": "CreatedOn"
      }
    ],
    "updated": 1690469419171
  }
],
"pageable": {
  "sort": {
    "sorted": false,
    "empty": true,
    "unsorted": true
  },
  "pageSize": 1,
  "pageNumber": 0,
  "offset": 0,
  "paged": true,
  "unpaged": false
},
"totalPages": 396,
"totalElements": 396,
"last": false,
"number": 0,
"size": 1,
"numberOfElements": 1,
"sort": {
  "sorted": false,
  "empty": true,
  "unsorted": true
},
"first": true,
"empty": false
}
```

Get OCI Resource Details by UUID

API	/cloudview-api/rest/v1/resource/{resource-Type}/uuid/{resourceUuid}/oci
New or Updated	NEW
Operator	GET

We have introduced an API to fetch all the details of an OCI resource by providing the resource UUID.

Input Parameters

Parameter	Mandatory/Optional/Default	Description
resourcetype	Mandatory	Provide the type of resources to fetch its details.
ResourceUuid	Mandatory	The UUID of the specific resource you want to fetch details of.

Sample: Get the Resource Details of an Instance of Given ID

API Request:

```
curl -n -u "USERNAME:PASSWORD" -X "GET" '<QualysBaseURL>
cloudviewapi/rest/v1/resource/INSTANCE/uuid/xxxxxxxx-xxxx-xxxx-
xxxxxxxxxxxxxxxx/oci' \
-header 'Accept: application/json'
-header 'Content-Type: application/json'
```

Response:

```
{
  "controlsFailed": null,
  "resourceId": "ocidl.instance.oc1.iad.aaaaaaaaaaaa",
  "tagIds": null,
  "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxxxx",
  "createdOn": "2023-06-29T01:54:18+0000",
  "lastUpdated": "2023-06-29T01:54:18+0000",
  "tenancyName": "oraclecenggl",
  "cloudType": "OCI",
  "compartment": {
    "name": "linuxcloudagent",
    "ociId": null,
    "id": "ocidl.compartment.oc1..aaaaaaaaaaaa"
  },
  "ociId": "ocidl.instance.oc1.iad.aaaaaaaaaaaa",
  "customers": [
```

```
    "f"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx"
  ],
  "connectorSource": "CONNECTORS",
  "lifecycleState": "Stopped",
  "faultDomain": "FAULT-DOMAIN-3",
  "connectorUuids": [
    "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx"
  ],
  "imageId": "ocid1.image.oc1.iad.aaaaaaaaaaaa",
  "availabilityDomain": "Lhcx:US-ASHBURN-AD-1",
  "pvEncryptionInTransitEnabled": false,
  "shape": "VM.Standard.E3.Flex",
  "created": 1688003658632,
  "cloudAccountId": "ocid1.instance.oc1.iad.aaaaaaaaaaaa",
  "vnicDto": [
    {
      "macAddress": "02:00:17:06:55:A7",
      "vlanId": null,
      "displayName": "secondary VNIC",
      "subnetDto": {
        "availabilityDomain": null,
        "virtualRouterIp": "10.0.0.1",
        "virtualRouterMac": "00:00:17:93:F7:36",
        "displayName": "subnet-20210120-1749",
        "cidrBlock": "10.0.0.0/24",
        "dnsLabel": "subnet01201749",
        "id": "ocid1.subnet.oc1.iad.aaaaaaaaaaaa"
      },
      "privateIp": "10.0.0.6",
      "publicIp": null,
      "id": "ocid1.vnic.oc1.iad.aaaaaaaaaaaa",
      "hostNameLabel": null,
      "primary": false
    },
    {
      "macAddress": "02:00:17:06:54:64",
      "vlanId": null,
      "displayName": "instance-20210120-1759",
      "subnetDto": {
        "availabilityDomain": null,
        "virtualRouterIp": "10.0.0.1",
        "virtualRouterMac": "00:00:17:93:F7:36",
        "displayName": "subnet-20210120-1749",
        "cidrBlock": "10.0.0.0/24",
        "dnsLabel": "subnet01201749",
        "id": "ocid1.subnet.oc1.iad.aaaaaaaaaaaa"
      },
      "privateIp": "10.0.0.3",
      "publicIp": "129.213.115.31",
    }
  ]
}
```

```
        "id": "ocid1.vnic.oc1.iad.aaaaaaaa",
        "hostNameLabel": "instance-20210120-1759",
        "primary": true
    }
],
"connectorUuid": "\"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx\"",
"launchTime": null,
"scanUuids": [
    "\"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx\""
],
"secureBootEnabled": false,
"name": "Ubuntu",
"tenantId": "ocid1.tenancy.oc1..aaaaaaaa",
"qualysTags": [],
"region": "iad",
"ociTags": null,
"updated": 1688003658632
}
}
```

Delete Assessment Report API

API	/cloudview-api/rest/v1/report/assessment
New or Updated	NEW
Operator	DELETE

We have introduced a new assessment report API as part of this release. The delete assessment API lets you delete reports by providing their report ID.

Input Parameters

Parameter	Mandatory/Optional/Default	Description
reportId	Mandatory	Provide the ID of the report to delete.

Sample: Delete a Report

API Request:

```
curl --request DELETE '/cloudview-api/rest/v1/report/assessment' \
--header 'accept: */*' \
--header 'Authorization: Basic xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'
```

Request Body:

```
{
  "reportIds": [
    "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
  ]
}
```

Response:

```
Success
```