



Out-of-Band Configuration Assessment API v2

API Release Notes

Version 1.8.0.2

October 21, 2022

Qualys OCA API v2 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

[Added Rate Limit for the OCA APIs](#)

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.

Added Rate Limit for the OCA APIs

With this release, we have introduced a new Rate Limit feature to the OCA APIs. Using this feature, the maximum number of API requests that can be made in a given time period is limited by the threshold. The API Rate Limit can throttle client connections, if you send too many requests.

Note: When you've reached the rate limit, you are temporarily prevented from hitting the APIs for 60 seconds. After that, you are unblocked and can re-hit the APIs again.

The following is the average number applied for routes:

GET	850 calls per user in 60 seconds
POST	50 calls per user in 60 seconds
DELETE	150 calls per user in 60 seconds

The following are the few API examples with different operators for your reference:

Bulk Command Upload API for POST Operator

API	<api_gateway_url>/ocaapi/v2.0/asset/asset_uuid/command/bulk/output/ PolicyCompliance
Operator	POST
DTD or XSD changes	No

HTTP Status Code

- 200: OK
- 400: Bad Request
- 401: Unauthorized user
- 403: Forbidden
- 404: Not Found
- 429: Too many requests

Input Parameters

The following table shows the parameters used:

Parameter	Description
asset_uuid	(Required) UUID of the asset.

Parameter	Description
manifest_types	(Required) Manifest type of asset. Allowed value: PolicyCompliance
data	(Required) File containing the consolidated output of all the individual commands to be provisioned. Accepted Files: .txt. Example: sample-bulk-command-upload.txt

Header Parameters

Parameter	Description
assetFlowType	Asset flow type. The default value is "DEFAULT".
authorization	(Required) The token that was generated using the Fetch Authentication Token API.

Sample

API v2 Request:

```
curl -X POST
'https://<api_gateway_url>/ocaapi/v2.0/asset/asset_uuid/command/bulk/output/PolicyCompliance'
-H "accept: application/json"
-H "assetFlowType: DEFAULT"
-H "Authorization: Bearer <token>"
-H "Content-Type: multipart/form-data"
-F "data=@samplefile.txt;type=text/plain"
```

Response: Successful upload response

```
{
  "code": 200,
  "message": "Command Bulk Output Uploaded Successfully."
}
```

Response: Unsuccessful upload response

```
{
  "_error": {
    "code": 400,
    "message": "ERR-2070 - Invalid file format. Only txt file type is supported. Please upload a file appropriately"
  }
}
```

Response: The Rate Limit Reached

```
"message": "ERR-429 - too many requests"
```

Fetch Supported Commands Based on Asset UUID API for GET Operator

API	<api_gateway_url>/ocaapi/v2.0/asset/<asset_uuid>/command/PolicyCompliance
Operator	GET
DTD or XSD changes	No

HTTP Status Code

- 200: OK
- 401: Unauthorized user
- 403: Forbidden
- 404: Not Found
- 429: Too many requests

Input Parameters

The following table shows the parameters used:

Parameter	Description
asset_uuid	(Required) UUID of the asset.

Header Parameters

Parameter	Description
assetFlowType	Asset flow type. The default value is "DEFAULT".
authorization	(Required) The token that was generated using the Fetch Authentication Token API.

Sample

API v2 Request:

```
curl -X POST  
'https://<api_gateway_url>/ocaapi/v2.0/asset/<asset_uuid>/command/  
PolicyCompliance'  
-H "assetFlowType: DEFAULT"
```

```
-H "Authorization: Bearer <token>"
```

Response: Successful Show Running Config Response

```
{
  "code": 200,
  "data": {
    "items": [
      "show running-config"
    ]
  }
}
```

Response: The Rate Limit Reached

```
"message": "ERR-429 - too many requests"
```

Delete Assets in Bulk API for DELETE Operator

API	<api_gateway_url>/ocaapi/v2.0/asset/revoke/bulk
Operator	DELETE
DTD or XSD changes	No

HTTP Status Code

- 200: OK
- 400: Bad Request
- 401: Unauthorized user
- 403: Forbidden
- 503: Service Unavailable
- 429: Too many requests

Input Parameters

The following table shows the parameters used:

Parameter	Description
assetList	(Required) List of assets UUIDs to be deleted.

Header Parameters

Parameter	Description
assetFlowType	Asset flow type. The default value is "DEFAULT".
authorization	(Required) The token that was generated using the Fetch Authentication Token API.

Sample

API v2 Request:

```
curl -X DELETE
'http://<api_gateway_url>/ocaapi/v2.0/asset/revoke/bulk'
-H 'assetFlowType: DEFAULT'
-H 'Content-Type: application/json'
-H 'Authorization: Bearer <token>'
-H 'Content-Type: text/plain'
-d @request.json
```

Response: Successful Revoke Response

```
{
  "code": 200,
  "data": {
    "items": {
      "successfulRevoke": [
        "4x5xx573-x145-4182-916x-x3997x9xx259",
        "5xxxx860-25x1-4x8x-x336-8x20x6x163xx"
      ],
      "failedRevoke": []
    }
  }
}
```

Response: The Rate Limit Reached

```
"message": "ERR-429 - too many requests"
```