



Qualys Global AssetView/CyberSecurity Asset Management v2.x and v1.x

API Release Notes

Version 2.14.1

January 24, 2023

Qualys Cloud Suite API 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

[Introduced "customAttributes" Field to Response of V2 APIs](#)

[Introduced "customAttributes" Field to Response of V1 APIs](#)

[Check Sync Status of an Active EASM Profile](#)

URL to the Qualys API Server

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](#)

This documentation uses the API gateway URL for Qualys US Platform 1 (<https://gateway.qg1.apps.qualys.com>) in sample API requests. If you're on another platform, please replace this URL with the appropriate gateway URL for your account.

Introduced "customAttributes" Field to Response of V2 APIs

With this release, a new field "customAttributes" is added to the response of the following public V2 APIs. In this field, you can see the custom attributes that are entered for an asset.

Note: Users with only a Trial or Paid subscription will be able to see the data in the "customAttributes" field.

- [Asset List V2 API](#)
- [Asset by AssetID V2 API](#)
- [Asset Count V2 API](#)

Asset List V2 API

API affected	rest/2.0/search/am/asset
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Asset List V2 API (with filter)

Request:

```
curl --location --request POST
'https://gateway.qgl.apps.qualys.com/rest/2.0/search/am/asset' --header
'Authorization: Bearer <JWT Token>' --header 'Content-Type:
application/xml' --data-raw '<FilterRequest>'
```

Filter:

```
<filters>

<Criteria field="customAttributes.key" operator="EQUALS"><value>Media
State4</value></Criteria>

</filters>
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 28975144,
  "hasMore": 0,
  "assetListData": {
    "asset": [
```

```
{
  "assetId": 28975144,
  "assetUUID": "01a98201-e5d6-4f23-8249-50b722805644",
  "hostId": 67674454,
  "lastModifiedDate": "2022-12-05T16:10:59.000Z",
  "agentId": null,
  "createdDate": "2022-10-20T07:47:56.000Z",
  ...
  "asn": null,
  "customAttributes": [
    {
      "key": "Media State4",
      "value": "Media disconnected",
      "connectorName": "Qualys"
    },
    {
      "key": "Default Gateway11",
      "value": "192.168.1.1",
      "connectorName": "Qualys"
    },
    ...
    {
      "key": "Subnet Mask",
      "value": "255.255.255.0",
      "connectorName": "Qualys"
    },
    ...
  ],
  ...
}
]
```

Asset List V2 API (without filter)

Request:

```
curl --location --request POST
'https://gateway.qgl.apps.qualys.com/rest/2.0/search/am/asset?lastSeenAssetId=28975142&pageSize=2' --header 'Authorization: Bearer <JWT Token>' --header 'Content-Type: application/xml' --data-raw ''
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 2,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 28975144,
  "hasMore": 1,
  "assetListData": {
    "asset": [
      {
        "assetId": 28975144,
        "assetUUID": "01a98201-e5d6-4f23-8249-50b722805644",
        "hostId": 67674454,
        ...
        "isp": null,
        "asn": null,
        "customAttributes": [
          {
            "key": "Media State4",
            "value": "Media disconnected",
            "connectorName": "Qualys"
          },
          ...
          {
            "key": "Hostname",
            "value": "T-450",
            "connectorName": "Qualys"
          },
          ...
          {
            "key": "Department",
            "value": "Engineering",
            "connectorName": "Qualys"
          },
          ...
        ]
      }
    ]
  }
}
```

Asset by AssetID V2 API

API affected	rest/2.0/get/am/asset?assetId=<asset_id>
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Request:

```
curl --location --request GET
'https://gateway.qgl.apps.qualys.com/rest/2.0/search/am/asset?assetId=289
75144' --header 'Authorization: Bearer <JWT Token>'
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": null,
  "hasMore": 0,
  "assetListData": {
    "asset": [
      {
        "assetId": 28975144,
        "assetUUID": "01a98201-e5d6-4f23-8249-50b722805644",
        "hostId": 67674454,
        ...
        "whois": null,
        "isp": null,
        "asn": null,
        "customAttributes": [
          {
            "key": "Media State4",
            "value": "Media disconnected",
            "connectorName": "Qualys"
          },
          ...
          {
            "key": "Default Gateway15",
            "value": "192.160.1.2",
            "connectorName": "Qualys"
          },
          ...
        ]
      }
    ]
  }
}
```

Note: We also support this for includeFields and excludeFields. See the following example.

Example: Asset by asset ID API with includeFields

Request:

```
curl --location --request GET
'https://gateway.qgl.apps.qualys.com/rest/2.0/search/am/asset?assetId=289
75144&includeFields=customAttributes' --header 'Authorization: Bearer
<JWT Token>'
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": null,
  "hasMore": 0,
  "assetListData": {
    "asset": [
      {
        "assetId": 28975144,
        "assetUUID": "01a98201-e5d6-4f23-8249-50b722805644",
        "hostId": null,
        ...
        "whois": null,
        "isp": null,
        "asn": null,
        "customAttributes": [
          {
            "key": "Media State4",
            "value": "Media disconnected",
            "connectorName": "Qualys"
          },
          ...
          {
            "key": "Department",
            "value": "Engineering",
            "connectorName": "Qualys"
          },
          ...
        ],
        "processor": null
      }
    ]
  }
}
```

Asset Count V2 API

API affected	rest/2.0/count/am/asset
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Request:

```
curl --location --request POST
'https://gateway.qgl.apps.qualys.com/rest/2.0/count/am/asset' --header
'Authorization: Bearer <JWT Token>' --header 'Content-Type:
application/xml' --data-raw '<FilterRequest>'
```

Filter:

```
<filters><Criteria field="customAttributes.key"
operator="EQUALS"><value>Media State4</value></Criteria></filters>
```

Response:

```
{
  "count": 1,
  "responseCode": "SUCCESS",
  "responseMessage": "Valid API Access"
}
```

Introduced "customAttributes" Field to Response of V1 APIs

With this release, a new field "customAttributes" is added to the response of the following public V1 APIs. In this field, you can see the custom attributes that are entered for an asset.

Note: Users with only a Trial or Paid subscription will be able to see the data in the "customAttributes" field.

- [Asset List V1 API](#)
- [Asset Filter V1 API](#)
- [Asset by AssetID V1 API](#)
- [Asset Count V1 API](#)

Asset List V1 API

API affected	am/v1/assets/host/list
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Request:

```
curl --location --request POST
'https://gateway.qgl.apps.qualys.com/am/v1/assets/host/list?includeFields
=customAttributes&pageSize=5' --header 'Authorization: Bearer <JWT
Token>'
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 5,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 28977361,
  "hasMore": 1,
  "assetListData": {
    "asset": [
      {
        "assetId": 28977361,
        "assetUUID": "01a98201-e5d6-4f23-8249-50b728977361",
        "hostId": null,
        ...
        "customAttributes": [
          {
            "key": "Media State4",
```

```
        "value": "Media disconnected",
        "connectorName": "Qualys"
    },
    {
        "key": "Default Gateway5",
        "value": "250.250.250.0",
        "connectorName": "Qualys"
    },
    ...
    {
        "key": "Department",
        "value": "Design",
        "connectorName": "Qualys"
    },
    ...
    ],
    "processor": null
},
]
}
```

Asset Filter V1 API

API affected	am/v1/assets/host/filter/list
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Request:

```
curl --location --request POST
'https://gateway.qgl.apps.qualys.com/am/v1/assets/host/filter/list?filter=customAttributes.key:'Media State4'' --header 'Authorization: Bearer <JWT Token>'
```

Filter:

```
filter=customAttributes.key:'Media State4'
```

Note: As shown in the following example, you can use the nested filter also.

```
filter=customAttributes:(key:'Media State4' and value:'Media disconnected')
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 28975144,
  "hasMore": 0,
  "assetListData": {
    "asset": [
      {
        "assetId": 28975144,
        "assetUUID": "01a98201-e5d6-4f23-8249-50b722805644",
        "hostId": null,
        ...
        "customAttributes": [
          {
            "key": "Media State4",
            "value": "Media disconnected",
            "connectorName": "Qualys"
          },
          ...
          {
            "key": "Media State1",
            "value": "Media disconnected",
            "connectorName": "Qualys"
          },
        ],
      }
    ]
  }
}
```

```

        ...
        {
            "key": "Hostname16",
            "value": "T-490",
            "connectorName": "Qualys"
        },
        ...
    ],
    "processor": null
}
]
}
}

```

Asset by AssetID V1 API

API affected	am/v1/asset/host/id
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Request:

```

curl --location --request POST
'https://gateway.qgl.apps.qualys.com/am/v1/asset/host/id?assetId=28975144
&includeFields=customAttributes' --header 'Authorization: Bearer <JWT
Token>'

```

Response:

```

{
    "responseMessage": "Valid API Access",
    "count": 1,
    "responseCode": "SUCCESS",
    "lastSeenAssetId": null,
    "hasMore": 0,
    "assetListData": {
        "asset": [
            {
                "assetId": 28975144,
                "assetUUID": "01a98201-e5d6-4f23-8249-50b722805644",
                "hostId": null,
                ...
                "customAttributes": [
                    {
                        "key": "Media State4",

```

```

        "value": "Media disconnected",
        "connectorName": "Qualys"
    },
    {
        "key": "Department",
        "value": "Customer Support",
        "connectorName": "Qualys"
    },
    {
        "key": "Hostname64",
        "value": "120.100.169.5",
        "connectorName": "Qualys"
    },
    ...
],
"processor": null
}
]
}
}

```

Asset Count V1 API

API affected	am/v1/assets/host/count
New or Updated APIs	Updated
DTD or XSD changes	Not Applicable

Request:

```

curl --location --request POST
'https://gateway.qg1.apps.qualys.com/am/v1/assets/host/count?filter=customAttributes.key:'Media State4'' --header 'Authorization: Bearer <JWT Token>'

```

Filter:

filter=customAttributes.key:'Media State4'

Response:

```

{
    "count": 1,
    "responseCode": "SUCCESS",
    "responseMessage": "Valid API Access"
}

```

Check Sync Status of an Active EASM Profile

API affected	easm/v1/profile/status
New or Updated APIs	New
Operator	GET
DTD or XSD changes	No

With this release, we have introduced a new EASM public API. By using this API, you can check the sync status of the active EASM profile.

Request:

```
curl --location --request GET
'https://gateway.qgl.apps.qualys.com/easm/v1/profile/status' \ --header
'Authorization: Bearer <JWT Token>'
```

Response:

Response if the Discovery sync is In-Progress:

```
[
  {
    "profileId": 5552,
    "profileSaveTimestamp": "2022-12-15T15:27:18.000+00:00",
    "status": "IN_PROGRESS"
  }
]
```

Response if the Discovery sync is completed:

```
[
  {
    "profileId": 3101,
    "profileSaveTimestamp": "2022-08-19T15:28:27.000+00:00",
    "status": "COMPLETED"
  }
]
```