



Qualys®

Qualys Global AssetView/CyberSecurity Asset Management v2.x

API Release Notes

Version 2.11

July 11, 2022

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

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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.

Enhanced Information for Container

API affected	rest/2.0/count/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/get/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/search/am/asset
New or Updated APIs	Updated

With this release, we've updated API v2 from the above table to get the count of assets and host details with the following container attributes.

Input Parameters

Using the following new attributes, you can now find the specified number of container images, specified number of containers, containers with certain version number, and so on.

Attribute	User Input	Description
container.product	String	Define the container product.
container.version	Integer	Identify containers with certain version number.
container.noOfContainers	Integer	Find assets with the specified number of containers.
container.noOfImages	Integer	Find assets with the specified number of container images.
container.hasSensor	Boolean	Show container hosts that have the Container Sensor installed. Example: Select "true" to show container hosts with container sensor installed.

The following examples are shown for the `container.noOfImages` attribute.

Sample - Get count of all assets

API Request:

```
curl -X POST -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>' -H 'Content-Type: application/json' -i 'https://gateway.qgl.apps.qualys.com/rest/2.0/count/am/asset' <filter.json
```

Here, **filter.json** file is the request in JSON format.

Sample Request Body in JSON Format (filter.json)

```
{
  "filters": [
    {
      "field": "container.noOfImages",
      "operator": "EQUALS",
      "value": "2"
    }
  ]
}
```

Response:

```
{
  "count": 2,
  "responseCode": "SUCCESS",
  "responseMessage": "Valid API Access"
}
```

Sample - Get host details of specific asset by assetid

API Request:

```
curl -X GET -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>'
-H 'Content-Type: application/json' -i
'https://gateway.qg1.apps.qualys.com/rest/2.0/get/am/asset?assetId
=13140531'
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 100,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 13140531,
  "hasMore": 1,
  "assetListData": {
    "asset": [
      {
        "assetId": 13140531,
        "assetUUID": "30f47ee8-fe2a-4bb4-b7f6-
dc99991d2470",
```

```
"hostId": null,  
...  
"container": {  
  "product": "Docker",  
  "version": "22.10.17",  
  "noOfContainers": 1,  
  "noOfImages": 2,  
  "hasSensor": true  
},  
  
"inventory": null,  
"activity": null,  
"tagList": null,  
"serviceList": null,  
"lastLocation": null,  
"criticality": null,  
"businessInformation": null,  
"assignedLocation": null,  
"businessAppListData": null,  
"riskScore": null,  
"passiveSensor": null,  
"domain": null,  
"subdomain": null,  
"whois": null,  
"processor": null  
}  
]  
}  
}
```

Sample - Get details of all assets

Request (without filter):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/json' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset'
```

Request (with filter - XML):

```
curl -X POST -H 'Accept: application/xml' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/xml' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <  
filter.xml
```

Here, **filter.xml** file is the request in XML format.

Sample Request Body in XML Format (filter.xml)

```
<FilterRequest>
  <filters>
    <Criteria field="container.noOfImages"
operator="EQUALS"><value>2</value></Criteria>
  </filters>
</FilterRequest>
```

Request (with filter - JSON):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:
Bearer <JWTToken>' -H 'Content-Type: application/json' -i
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <
filter.json
```

Here, **filter.json** file is the request in JSON format.

Sample Request Body in JSON Format (filter.json)

```
{
  "filters": [
    {
      "field": "container.noOfImages",
      "operator": "EQUALS",
      "value": "2"
    }
  ]
}
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 100,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 13140531,
  "hasMore": 1,
  "assetListData": {
    "asset": [
      {
        "assetId": 13140531,
        "assetUUID": "30f47ee8-fe2a-4bb4-b7f6-
dc99991d2470",
        "hostId": null,
        ...
      }
    ]
  }
}
```

```
"container": {
  "product": "Docker",
  "version": "22.10.17",
  "noOfContainers": 1,
  "noOfImages": 2,
  "hasSensor": true
},
"inventory": null,
"activity": null,
"tagList": null,
"serviceList": null,
"lastLocation": null,
"criticality": null,
"businessInformation": null,
"assignedLocation": null,
"businessAppListData": null,
"riskScore": null,
"passiveSensor": null,
"domain": null,
"subdomain": null,
"whois": null,
"processor": null
}
]
}
}
```

Enhanced Processor Details

API affected	rest/2.0/count/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/get/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/search/am/asset
New or Updated APIs	Updated

With this release, we've updated API v2 from the above table to get the count of assets and host details with the following processor attributes.

Input Parameters

Using the following new attributes, you can now find assets with a certain processor speed, find full processor name, show number of sockets, and so on.

Attribute	User Input	Description
<code>processors</code>	String	Find the full processor name.
<code>processors.coresPerSocket</code>	Integer	Show the number of cores per socket.
<code>processors.multithreadingStatus</code>	Boolean	Identify the processors based on the multi-threading status, such as ENABLED or DISABLED.
<code>processors.numberofCpu</code>	Integer	Show the number of logical CPUs.
<code>processors.numberofSockets</code>	Integer	Show the number of sockets.
<code>processors.speed</code>	Integer	Find assets with a certain processor speed (MHz).
<code>processors.threadsPerCore</code>	Integer	Show the number of threads per core.

The following examples are shown for the `processors.speed` attribute.

Sample - Get count of all assets

API Request:

```
curl -X POST -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>' -H
'Content-Type: application/json' -i
'https://gateway.qgl.apps.qualys.com/rest/2.0/count/am/asset' <
filter.xml
```

Here, **filter.xml** file is the request in XML format.

Sample Request Body in XML Format (filter.xml)

```
<FilterRequest>
<filters>
<Criteria field="processors.speed"
operator="EQUALS"><value>2294471</value></Criteria>
</filters>
</FilterRequest>
```

Response:

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

Sample - Get host details of specific asset by assetid

API Request:

```
curl -X GET -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>'
-H 'Content-Type: application/json' -i
'https://gateway.qgl.apps.qualys.com/rest/2.0/get/am/asset?assetId
=23384177'
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": null,
  "hasMore": 0,
  "assetListData": {
    "asset": [
      {
        "assetId": 23384177,
        "assetUUID": "18318cdc-cfff-443b-923b-
dab6a4ddf7d2",
        "hostId": null,
        ...
        "processor": {
```



```
"description": "Intel(R) Xeon(R) CPU E5-2699 v3  
@ 2.30GHz",  
  "speed": 2294471,  
  "numCPUs": 4,  
  "noOfSocket": 2,  
  "threadsPerCore": 1,  
  "coresPerSocket": 2,  
  "processors.multithreadingStatus": ENABLED  
}  
}  
]  
}
```

Sample - Get details of all assets

Request (without filter):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/json' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset'
```

Request (with filter - XML):

```
curl -X POST -H 'Accept: application/xml' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/xml' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <  
filter.xml
```

Here, **filter.xml** file is the request in XML format.

Sample Request Body in XML Format (filter.xml)

```
<FilterRequest>  
<filters>  
<Criteria field="processors.speed"  
operator="EQUALS"><value>2294471</value></Criteria>  
</filters>  
</FilterRequest>
```

Request (with filter - JSON):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/json' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <  
filter.json
```

Here, **filter.json** file is the request in JSON format.

Sample Request Body in JSON Format (filter.json)

```
{
  "filters": [
    {
      "field": "processors.speed",
      "operator": "EQUALS",
      "value": "2294471"
    }
  ]
}
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 23384177,
  "hasMore": 1,
  "assetListData": {
    "asset": [
      {
        "assetId": 23384177,
        "assetUUID": "18318cdc-cfff-443b-923b-
dab6a4ddf7d2",
        "hostId": null,
        ...
        "processor": {
          "description": "Intel(R) Xeon(R) CPU E5-2699 v3
@ 2.30GHz",
          "speed": 2294471,
          "numCPUs": 4,
          "noOfSocket": 2,
          "threadsPerCore": 1,
          "coresPerSocket": 2,
          "processors.multithreadingStatus": ENABLED
        }
      }
    ]
  }
}
```

Enhanced EASM Details

External Attack Surface Management (EASM) is a new capability within CSAM that enables organizations to automate asset discovery, attribution, and risk quantification for their Internet-connected assets.

Note: Currently, EASM is in the Beta phase and available to select CSAM customers. Post GA, all CSAM customers will be able to activate this feature from their home page.

EASM capabilities:

- Continuously monitor complete External Attack Surface, including workloads running in public cloud environments, on-prem assets, and subsidiary assets.
- Identify Modern Shadow IT, a typical security blind spot targeted by attackers, including abandoned or deprecated IP addresses and Services enabled by Shadow IT, sites resulting from Mergers & Acquisitions, business transformations, etc.
- Include such missing assets in your security program, with VMDB to assess for vulnerabilities and misconfigurations, quantify, and prioritize risk, and integrate with CMDB and ITSM to align IT and Security stakeholders to drive response.

As part of this release, API is extended to provide several new attributes that provide additional context for the external attack surface.

API affected	rest/2.0/count/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/get/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/search/am/asset
New or Updated APIs	Updated

With this release, we've updated API v2 from the above table to get the count of assets and host details with the following EASM attributes.

Input Parameters

Using the following attributes, you can find the EASM asset details.

Attribute	User Input	Description
asset.org.name	String	Show organization name.
asset.domain	String	Show asset domain.
asset.subdomain	String	Show asset subdomain.
whoIs.registrantOrg	String	Show registrant organization.

Attribute	User Input	Description
whoIs.creationDate	String	Show creation date of a registrant record.
whoIs.registrantEmailId	String	Show registrant email id.
whoIs.registrar	String	Show registrar details.
asset.isp	String	Show ISP details.
asset.asn	String	Show ASN details.

The following examples are shown for the `asset.domain` attribute.

Sample - Get count of all assets

API Request:

```
curl -X POST -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>' -H
'Content-Type: application/json' -i
'https://gateway.qg1.apps.qualys.com/rest/2.0/count/am/asset' <
filter.xml
```

Here, **filter.json** file is the request in JSON format.

Sample Request Body in JSON format (filter.json)

```
{
  "filters": [
    {
      "field": "asset.domain",
      "operator": "EQUALS",
      "value": "qualys.com"
    }
  ]
}
```

Response:

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

Sample - Get host details of specific asset by assetid

API Request:

```
curl -X GET -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>'  
-H 'Content-Type: application/json' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/get/am/asset?assetId  
=26359969'
```

Response:

```
{  
  "responseMessage": "Valid API Access",  
  "count": 1,  
  "responseCode": "SUCCESS",  
  "lastSeenAssetId": null,  
  "hasMore": 0,  
  "assetListData": {  
    "asset": [  
      {  
        "assetId": 26359969,  
        "assetUUID": "2add707f-ec5d-4203-9cc4-  
090e7863833a",  
        "hostId": null,  
        "lastModifiedDate": "2022-07-01T12:03:36.000Z",  
        "agentId": null,  
        "createdDate": "2022-06-29T14:51:47.000Z",  
        "sensorLastUpdatedDate": "2022-07-  
01T12:03:36.000Z",  
        "assetType": "HOST",  
        "address": "64.39.96.133",  
        "dnsName": null,  
        "assetName": "64.39.96.133",  
        "netbiosName": null,  
        "timeZone": null,  
        "biosDescription": null,  
        "lastBoot": null,  
        "totalMemory": null,  
        "cpuCount": null,  
        "lastLoggedOnUser": null,  
        "domainRole": null,  
        "hwUUID": null,  
        "biosSerialNumber": null,  
      }  
    ]  
  }  
}
```

```
"biosAssetTag": null,  
"isContainerHost": false,  
"operatingSystem": null,  
"hardware": null,  
"userAccountListData": null,  
"openPortListData": null,  
"volumeListData": null,  
"networkInterfaceListData": null,  
"softwareListData": null,  
"provider": null,  
"cloudProvider": null,  
"agent": null,  
"sensor": null,  
"container": null,  
"inventory": {  
  "source": "EASM",  
  "created": 1656514307000,  
  "lastUpdated": 1656677016000  
},  
"activity": null,  
"tagList": null,  
"serviceList": null,  
"lastLocation": {  
  "city": null,  
  "state": null,  
  "country": "United States",  
  "name": "United States",  
  "continent": "North America",  
  "postal": null  
},  
"criticality": {  
  "score": 5,  
  "isDefault": false,  
  "lastUpdated": "2022-06-29T14:51:46.000Z"  
},  
"businessInformation": null,  
"assignedLocation": null,  
"businessAppListData": null,  
"riskScore": null,  
"passiveSensor": null,  
"asn": "AS27385",  
"isp": "Qualys, Inc.",  
"domain": [  
  "qualys.com",  
  "qualys.in",
```

```
    ],  
    "subdomain": [  
      "docs.qualys.com",  
      "www.qualys.com"  
    ],  
    "whois": [  
      {  
        "domain": "vulnerability-management.com",  
        "createdDate": null,  
        "dnssec": null,  
        "domainStatus": "clientTransferProhibited",  
        "registrantOrganization": "Qualys, Inc.",  
        "registrantName": null,  
        "registrantEmail":  
"6d229c2ef8870a654745766aab8e6ace-49101@contact.gandi.net",  
        "registrantContact": null,  
        "registrar": "Gandi SAS",  
        "organizationName": "Qualys, Inc.",  
        "updatedAt": null  
      }  
    ],  
    "processor": null  
  }  
]  
}
```

Sample - Get details of all assets

Request (without filter):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/json' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset'
```

Request (with filter - XML):

```
curl -X POST -H 'Accept: application/xml' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/xml' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <  
filter.xml
```

Here, **filter.xml** file is the request in XML format.

Sample Request Body in XML Format (filter.xml)

```
<FilterRequest> <filters> <Criteria field="asset.riskScore"  
operator="EQUALS"><value>926</value></Criteria> </filters>
```

```
</FilterRequest> Request (with filter - json): curl -X POST -H  
'Accept: application/json' -H 'Authorization: Bearer <JWTToken>' -  
H 'Content-Type: application/json' -i  
'https://gateway.qgl.apps.qualys.com/rest/2.0/search/am/asset' <  
filter.json
```

Here, **filter.xml** file is the request in JSON format.

Sample Request Body in JSON Format (filter.json)

```
{  
  "filters": [  
    {  
      "field": "asset.domain",  
      "operator": "EQUALS",  
      "value": "qualys.com"  
    }  
  ]  
}
```

Response

```
{  
  "responseMessage": "Valid API Access",  
  "count": 1,  
  "responseCode": "SUCCESS",  
  "lastSeenAssetId": null,  
  "hasMore": 0,  
  "assetListData": {  
    "asset": [  
      {  
        "assetId": 26359969,  
        "assetUUID": "2add707f-ec5d-4203-9cc4-  
090e7863833a",  
        "hostId": null,  
        "lastModifiedDate": "2022-07-01T12:03:36.000Z",  
        "agentId": null,  
        "createdDate": "2022-06-29T14:51:47.000Z",  
        "sensorLastUpdatedDate": "2022-07-  
01T12:03:36.000Z",  
        "assetType": "HOST",  
        "address": "64.39.96.133",  
        "dnsName": null,  
        "assetName": "64.39.96.133",  
        "netbiosName": null,  
        "timeZone": null,  
        "biosDescription": null,  
      }  
    ]  
  }  
}
```



```
"lastBoot": null,  
"totalMemory": null,  
"cpuCount": null,  
"lastLoggedOnUser": null,  
"domainRole": null,  
"hwUUID": null,  
"biosSerialNumber": null,  
"biosAssetTag": null,  
"isContainerHost": false,  
"operatingSystem": null,  
"hardware": null,  
"userAccountListData": null,  
"openPortListData": null,  
"volumeListData": null,  
"networkInterfaceListData": null,  
"softwareListData": null,  
"provider": null,  
"cloudProvider": null,  
"agent": null,  
"sensor": null,  
"container": null,  
"inventory": {  
  "source": "EASM",  
  "created": 1656514307000,  
  "lastUpdated": 1656677016000  
},  
"activity": null,  
"tagList": null,  
"serviceList": null,  
"lastLocation": {  
  "city": null,  
  "state": null,  
  "country": "United States",  
  "name": "United States",  
  "continent": "North America",  
  "postal": null  
},  
"criticality": {  
  "score": 5,  
  "isDefault": false,  
  "lastUpdated": "2022-06-29T14:51:46.000Z"  
},  
"businessInformation": null,  
"assignedLocation": null,  
"businessAppListData": null,
```

```
"riskScore": null,  
"passiveSensor": null,  
"asn": "AS27385",  
"isp": "Qualys, Inc.",  
"domain": [  
  "qualys.com",  
  "qualys.in",  
],  
"subdomain": [  
  "docs.qualys.com",  
  "www.qualys.com"  
],  
"whois": [  
  {  
    "domain": "vulnerability-management.com",  
    "createdDate": null,  
    "dnssec": null,  
    "domainStatus": "clientTransferProhibited",  
    "registrantOrganization": "Qualys, Inc.",  
    "registrantName": null,  
    "registrantEmail":  
"6d229c2ef8870a654745766aab8e6ace-49101@contact.gandi.net",  
    "registrantContact": null,  
    "registrar": "Gandi SAS",  
    "organizationName": "Qualys, Inc.",  
    "updatedAt": null  
  }  
],  
"processor": null  
}  
]
```

Enhanced Netmask Details

API affected	rest/2.0/count/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/get/am/asset
New or Updated APIs	Updated
API affected	rest/2.0/search/am/asset
New or Updated APIs	Updated

With this release, we've updated API v2 from the above table to get the count of assets and host details with the following netmask attributes.

Input Parameters

Using the following new attribute, you can find the IP addresses from a particular class or range of IP addresses.

Attribute	User Input	Description
<code>interfaces.netmask</code>	Integer	Find the IP addresses from a particular class or range of IP addresses.

Sample - Get count of all assets

API Request:

```
curl -X POST -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>' -H
'Content-Type: application/json' -i
'https://gateway.qg1.apps.qualys.com/rest/2.0/count/am/asset' <
filter.xml
```

Here, **filter.xml** file is the request in XML format.

Sample Request Body in XML format (filter.xml)

```
<FilterRequest>
<filters>
<Criteria field="interfaces.netmask"
operator="EQUALS"><value>255.255.255.0</value></Criteria>
</filters>
</FilterRequest>
```

Response:

```
{
  "count": 40,
  "responseCode": "SUCCESS",
  "responseMessage": "Valid API Access"
}
```

Sample - Get host details of specific asset by assetid

API Request:

```
curl -X GET -H 'Accept: */*' -H 'Authorization: Bearer <JWTToken>'
-H 'Content-Type: application/json' -i
'https://gateway.qgl.apps.qualys.com/rest/2.0/get/am/asset?assetId
=23384177'
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": null,
  "hasMore": 0,
  "assetListData": {
    "asset": [
      {
        "assetId": 23384177,
        "assetUUID": "18318cdc-cfff-443b-923b-
dab6a4ddf7d2",
        "hostId": null,
        ...
        "networkInterfaceListData": {
          "networkInterface": [
            {
              "hostname": "rhe17-vm1",
              "addressIpV4": "10.115.119.1",
              "addressIpV6":
"fe00:0:0:0:220:56ff:ffaa:an3",
              "macAddress": "00:40:76:aa:0a:b3",
              "interfaceName": "ens160",
              "dnsAddress": null,
              "gatewayAddress": "",
              "manufacturer": "VMware",
              "macVendorIntroDate": 946944000000,
            }
          ]
        }
      }
    ]
  }
}
```

```
        "netmaskAddress": "255.255.255.0",  
        "addresses": null  
    }  
]  
},  
"softwareListData": null,  
"provider": null,  
"cloudProvider": null,  
"agent": null,  
"sensor": null,  
"container": null,  
"inventory": null,  
"activity": null,  
"tagList": null,  
"serviceList": null,  
"lastLocation": null,  
"criticality": null,  
"businessInformation": null,  
"assignedLocation": null,  
"businessAppListData": null,  
"riskScore": null,  
"passiveSensor": null,  
"domain": null,  
"subdomain": null,  
"whois": null,  
"processor": null  
}  
]  
}  
}
```

Sample - Get details of all assets

Request (without filter):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/json' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset'
```

Request (with filter - XML):

```
curl -X POST -H 'Accept: application/xml' -H 'Authorization:  
Bearer <JWTToken>' -H 'Content-Type: application/xml' -i  
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <  
filter.xml
```

Here, **filter.xml** file is the request in XML format.

Sample Request Body in XML Format (filter.xml)

```
<FilterRequest>
  <filters>
    <Criteria field="interfaces.netmask"
operator="EQUALS"><value>255.255.255.0</value></Criteria>
  </filters>
</FilterRequest>
```

Request (with filter - JSON):

```
curl -X POST -H 'Accept: application/json' -H 'Authorization:
Bearer <JWTToken>' -H 'Content-Type: application/json' -i
'https://gateway.qg1.apps.qualys.com/rest/2.0/search/am/asset' <
filter.json
```

Here, **filter.json** file is the request in JSON format.

Sample Request Body in JSON Format (filter.json)

```
{
  "filters": [
    {
      "field": "interfaces.netmask",
      "operator": "EQUALS",
      "value": "255.255.255.0"
    }
  ]
}
```

Response:

```
{
  "responseMessage": "Valid API Access",
  "count": 1,
  "responseCode": "SUCCESS",
  "lastSeenAssetId": 23384177,
  "hasMore": 1,
  "assetListData": {
    "asset": [
      {
        "assetId": 23384177,
        "assetUUID": "18318cdc-cfff-443b-923b-
dab6a4ddf7d2",
        "hostId": null,
        "lastModifiedDate": "2022-06-22T08:22:18.000Z",
```

```
"agentId": null,  
...  
"networkInterfaceListData": {  
  "networkInterface": [  
    {  
      "hostname": "rhel7-vm1",  
      "addressIPv4": "10.115.119.126",  
      "addressIPv6":  
"fe80:0:0:0:250:56ff:feaa:ae3",  
      "macAddress": "00:50:56:aa:0a:e3",  
      "interfaceName": "ens160",  
      "dnsAddress": null,  
      "gatewayAddress": "",  
      "manufacturer": "VMware",  
      "macVendorIntroDate": 946944000000,  
      "netmaskAddress": "255.255.255.0",  
      "addresses": null  
    }  
  ]  
},  
"softwareListData": null,  
"provider": null,  
"cloudProvider": null,  
"agent": null,  
"sensor": null,  
"container": null,  
"inventory": null,  
"activity": null,  
"tagList": null,  
"serviceList": null,  
"lastLocation": null,  
"criticality": null,  
"businessInformation": null,  
"assignedLocation": null,  
"businessAppListData": null,  
"riskScore": null,  
"passiveSensor": null,  
"domain": null,  
"subdomain": null,  
"whois": null,  
"processor": null  
}  
]  
}
```