



Qualys Cloud Platform v3.x

API Release Notes

Version 3.12.1

August 1, 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

[AM APIs: Enable Cloud Perimeter Scan for AWS Connector](#)

[AM APIs: Enable Cloud Perimeter Scan for Azure Connector](#)

[AM API: Global Scan Configuration \(New API\)](#)

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](#)

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.

Qualys Cloud Platform 3.12.1 brings you many more API improvements and updates! [Learn more](#)

AM APIs: Enable Cloud Perimeter Scan for AWS Connector

Securing publicly-exposed cloud assets has been a challenge. You can now secure publicly exposed cloud assets by enabling cloud perimeter scans for your connectors.

With the dynamic deployments on Cloud, the publicly-faced assets are getting deployed in the respective cloud. The security posture of such assets is not immediately assessed. They are assessed after you execute manually-configured scans or scheduled scans.

Cloud perimeter scans use Qualys External Scanners (Internet Remote Scanners), located at the Qualys Cloud Platform.

As a result, you can automate asset discovery of Connectors and with the Cloud Perimeter Scan. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided at Connector.

To enable cloud perimeter scans for AWS connectors, you can use the following APIs

[Create AWS Connector with Cloud Perimeter Scan Enabled](#)

[Update AWS Connector to Enable Cloud Perimeter Scan](#)

[Get Details of AWS Connector with Cloud Perimeter Scan Enabled](#)

Once you enable cloud perimeter scan for your connector, you need to provide scan configuration for the cloud perimeter scan. You can either choose to provide custom scan configuration or specify global scan configuration settings to be used.

If custom scan configuration is not provided, then global scan configuration settings are applied to the cloud perimeter scan. To configure global scan configuration, refer to [AM APIs: Enable Cloud Perimeter Scan for AWS Connector](#).

Create AWS Connector with Cloud Perimeter Scan Enabled

API affected	/qps/rest/3.0/create/am/awsassetdataconnector
New or Updated APIs	Updated API
DTD or XSD changes	No

You can secure publicly exposed cloud assets by enabling cloud perimeter scans for your connectors. You can automate asset discovery of Connectors with the Cloud Perimeter Scan. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided at time of Connector creation.

Input Parameters

Parameter	Description
isCPSEnabled	(optional) Set this flag to enable or disable cloud perimeter scan for the AWS connector.
Note: If isCPSEnabled flag is enabled, you need to provide the following parameters for the Cloud Perimeter Scan.	
connectorScanSetting	Tag to include cloud perimeter scan settings.
isCustomScanConfigEnabled	Use this flag to indicate the scan configuration to be used for cloud perimeters scan. By default, this flag is disabled and the global scan configuration is applied to the cloud perimeter scan. To use custom scan configuration, you need to enable this flag.
optionProfileId	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (/api/2.0/fo/subscription/option_profile/vm/?action=list). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
recurrence	Specify if the scan should be scheduled on DAILY or WEEKLY basis.
daysOfWeek	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT. Note: This field is applicable only if the recurrence field is set to WEEKLY.
scanPrefix	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name. The scan name is in following format: <prefix>-<connectorId>-<timestamp>
startDate	Specify the start date of scan in mm/dd/yyyy format.
startTime	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	Specify the time zone for the cloud perimeter scan to be initiated.

Sample: Create Global Scan Configuration

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/create/am/awsassetdataconnector" < file.xml"
```

Request POST Data

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest>
  <data>
    ...
```

```
<id>12345</id>
<name>Sample Connector</name>
<lastSync />
<lastError />
<connectorState>PENDING</connectorState>
<type>AWS</type>
<defaultTags>
  <list>
    <TagSimple>
      <id>1</id>
      <name>EC2</name>
    </TagSimple>
  </list>
</defaultTags>
<activation>
  <ActivationModule>VM</ActivationModule>
</activation>
<disabled>>false</disabled>
<isGovCloudConfigured>>false</isGovCloudConfigured>
<authRecord>
  <id>1</id>
  <name>my ec2</name>
</authRecord>
<endpoints>
  <list/>
</endpoints>
<allRegions>>true</allRegions>
</AwsAssetDataConnector>
</data>
</ServiceRequest>
```

XML Output

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/a
m/aws_asset_data-connector.xsd">
  <responseCode>SUCCESS</responseCode>
  ...
  <isCPSEnabled>>true</isCPSEnabled>
  <connectorScanSetting>
<isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
  </connectorScanSetting>
  <connectorScanConfig>
  <set>
    <ConnectorScanConfiguration>
      <daysOfWeek>
        <set>
          <Day>SUN</Day>
```

```
        <Day>MON</Day>
        <Day>TUE</Day>
    </set>
</daysOfWeek>
<optionProfileId>2</optionProfileId>
<recurrence>WEEKLY</recurrence>
<scanPrefix>Scan aws 02</scanPrefix>
<startDate>31/05/2022</startDate>
<startTime>15:45</startTime>
<timezone>Africa/Cairo</timezone>
</ConnectorScanConfiguration>
</set>
</connectorScanConfig>

...
</data>
</ServiceResponse>
```

Update AWS Connector to Enable Cloud Perimeter Scan

API affected	/qps/rest/3.0/update/am/awssassetdataconnector
New or Updated APIs	Updated API
DTD or XSD changes	No

Using this API, you can update the existing configuration for connectors to enable Cloud Perimeter scan.

Specify the connector ID and the details of the connector that you would want to update in the request. Your connector details get updated.

You can secure publicly exposed cloud assets by enabling cloud perimeter scans for your connectors. You can automate asset discovery of Connectors with the Cloud Perimeter Scan. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided for connectors.

Input Parameters

Parameter	Description
isCPSEnabled	(optional) Set this flag to enable or disable cloud perimeter scan for the AWS connector.
Note: If isCPSEnabled flag is enabled, you need to provide the following parameters for the Cloud Perimeter Scan.	
connectorScanSetting	Tag to include cloud perimeter scan settings.
isCustomScanConfigEnabled	Use this flag to indicate the scan configuration to be used for cloud perimeters scan. By default, this flag is disabled and the global scan configuration is applied to the cloud perimeter scan. To use custom scan configuration, you need to enable this flag.
optionProfileId	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (/api/2.0/fo/subscription/option_profile/vm/?action=list). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
recurrence	Specify if the scan should be scheduled on DAILY or WEEKLY basis.
daysOfWeek	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT. Note: This field is applicable only if the recurrence field is set to WEEKLY.
scanPrefix	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name. The scan name is in following format: <prefix>-<connectorId>-<timestamp>
startDate	Specify the start date of scan in mm/dd/yyyy format.
startTime	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	Specify the time zone for the cloud perimeter scan to be initiated.

Sample: Update Global Scan Configuration for existing AWS connectors

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/update/am/awsassetdataconnector" < file.xml"
```

Request POST Data

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest>
  <data>
    ...
```

```
<isCPSEnabled>true</isCPSEnabled>
<connectorScanSetting>
  <isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
</connectorScanSetting>
<connectorScanConfig>
  <set>
    <ConnectorScanConfiguration>
      <daysOfWeek>
        <set>
          <Day>SUN</Day>
          <Day>MON</Day>
          <Day>TUE</Day>
        </set>
      </daysOfWeek>
      <optionProfileId>2</optionProfileId>
      <recurrence>WEEKLY</recurrence>
      <scanPrefix>update scan prefix</scanPrefix>
      <startDate>31/05/2022</startDate>
      <startTime>15:45</startTime>
      <timezone>Africa/Cairo</timezone>
    </ConnectorScanConfiguration>
  </set>
</connectorScanConfig>
...
</ServiceRequest>
```

XML Output

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/a
m/aws_asset_data-connector.xsd">
  <responseCode>SUCCESS</responseCode>
  ...
  <isCPSEnabled>true</isCPSEnabled>
  <connectorScanSetting>
    <isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
  </connectorScanSetting>
  <connectorScanConfig>
    <set>
      <ConnectorScanConfiguration>
        <daysOfWeek>
          <set>
            <Day>SUN</Day>
            <Day>MON</Day>
            <Day>TUE</Day>
          </set>
        </daysOfWeek>
        <optionProfileId>2</optionProfileId>
```

```
        <recurrence>WEEKLY</recurrence>
        <scanPrefix>updated- AWS scan prefix</scanPrefix>
        <startDate>31/05/2022</startDate>
        <startTime>15:45</startTime>
        <timezone>Africa/Cairo</timezone>
    </ConnectorScanConfiguration>
</set>
</connectorScanConfig>

...
</data>
</ServiceResponse>
```

Get Details of AWS Connector with Cloud Perimeter Scan Enabled

API affected	/qps/rest/3.0/get/am/awssassetdataconnector/<id>
New or Updated APIs	Updated API
DTD or XSD changes	No

You can fetch the details of an existing AWS connector to know if cloud perimeter scan is enabled or not.

Sample: Get Global Scan Configuration for AWS connectors

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/get/am/awssassetdataconnector/179407"
```

XML Response:

```
<isCPSEnabled>>true</isCPSEnabled>
<connectorAppInfos>
  <list>
    <ConnectorAppInfoQList>
      <list>
        <ConnectorAppInfo>
          <name>AI</name>
          <identifier>arn:aws:iam::XXXXXXXXXXXX:role/Sample-
IAMRole</identifier>
        </ConnectorAppInfo>
      </list>
    </ConnectorAppInfoQList>
  </list>
</connectorAppInfos>
<connectorScanSetting>
```



```
<isCustomScanConfigEnabled>>true</isCustomScanConfigEnabled>
</connectorScanSetting>
<connectorScanConfig>
  <list>
    <ConnectorScanConfiguration>
      <scanPrefix>AWS CPS 6/2/22</scanPrefix>
      <optionProfileId>2</optionProfileId>
      <recurrence>WEEKLY</recurrence>
      <startDate>MM/DD/YYYY</startDate>
      <startTime>HH:MM</startTime>
      <daysOfWeek>
        <list>
          <Day>SUN</Day>
          <Day>MON</Day>
          <Day>TUE</Day>
        </list>
      </daysOfWeek>
      <timezone>Africa/Cairo</timezone>
    </ConnectorScanConfiguration>
  </list>
  ...
</data>
</ServiceResponse>
```

AM APIs: Enable Cloud Perimeter Scan for Azure Connector

Securing publicly-exposed cloud assets has been a challenge. You can now secure publicly exposed cloud assets by enabling cloud perimeter scans for your connectors.

With the dynamic deployments on Cloud, the publicly-faced assets are getting deployed in the respective cloud. The security posture of such assets is not immediately assessed. They are assessed after you execute manually-configured scans or scheduled scans.

Cloud perimeter scans use Qualys External Scanners (Internet Remote Scanners), located at the Qualys Cloud Platform.

As a result, you can automate asset discovery of Connectors and with the Cloud Perimeter Scan. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided at Connector.

To enable cloud perimeter scans for Azure connectors, you can use the following APIs:

[Create Azure Connector with Cloud Perimeter Scan Enabled](#)

[Update Azure Connector to Enable Cloud Perimeter Scan](#)

[Get Details of Azure Connector with Cloud Perimeter Scan Enabled](#)

Once you enable cloud perimeter scan for your connector, you need to provide scan configuration for the cloud perimeter scan. You can either choose to provide custom scan configuration or specify global scan configuration settings to be used.

If custom scan configuration is not provided, then global scan configuration settings are applied to the cloud perimeter scan. To configure global scan configuration, refer to [AM APIs: Enable Cloud Perimeter Scan for AWS Connector](#).

Create Azure Connector with Cloud Perimeter Scan Enabled

API affected	/qps/rest/3.0/create/am/azureassetdataconnector
New or Updated APIs	Updated API
DTD or XSD changes	No

You can secure publicly exposed cloud assets by enabling cloud perimeter scans for your connectors. You can automate asset discovery of Connectors with the Cloud Perimeter Scan. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided at time of Connector creation.

Input Parameters

Parameter	Description
isCPSEnabled	(optional) Set this flag to enable or disable cloud perimeter scan for the Azure connector.
Note: If isCPSEnabled flag is enabled, you need to provide the following parameters for the Cloud Perimeter Scan.	
connectorScanSetting	Tag to include cloud perimeter scan settings.
isCustomScanConfigEnabled	Use this flag to indicate the scan configuration to be used for cloud perimeters scan. By default, this flag is disabled and the global scan configuration is applied to the cloud perimeter scan. To use custom scan configuration, you need to enable this flag.
optionProfileId	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (/api/2.0/fo/subscriptions/option_profile/vm/?action=list). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
recurrence	Specify if the scan should be scheduled on DAILY or WEEKLY basis.
daysOfWeek	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT. Note: This field is applicable only if the recurrence field is set to WEEKLY.
scanPrefix	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name. The scan name is in following format: <prefix>-<connectorId>-<timestamp>
startDate	Specify the start date of scan in mm/dd/yyyy format.
startTime	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	Specify the time zone for the cloud perimeter scan to be initiated.

Sample: Create Global Scan Configuration

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/create/am/azureassetdataconnector" <file.xml"
```

Request POST Data

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest>
  <data>
    ...
```

```
<isCPSEnabled>true</isCPSEnabled>
  <authRecord>
    <applicationId>33333333-3333-3333-3333-
333333333333</applicationId>
    <directoryId>22222222-2222-2222-2222-
222222222222</directoryId>
    <subscriptionId>11111111-1111-1111-1111-
111111111111</subscriptionId>

<authenticationKey>02LCb8/RcN0lbGj6xcOGQPZlYG2z85aSmCxnoH01rog=</authenti
cationKey>
  </authRecord>
  <connectorScanSetting>
<isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
  </connectorScanSetting>
  <connectorScanConfig>
    <set>
      <ConnectorScanConfiguration>
        <daysOfWeek>
          <set>
            <Day>SUN</Day>
            <Day>MON</Day>
            <Day>TUE</Day>
          </set>
        </daysOfWeek>
        <optionProfileId>2</optionProfileId>
        <recurrence>WEEKLY</recurrence>
        <scanPrefix>Scan azure 01</scanPrefix>
        <startDate>31/05/2022</startDate>
        <startTime>15:45</startTime>
        <timezone>Africa/Cairo</timezone>
      </ConnectorScanConfiguration>
    </set>
  </connectorScanConfig>
</AzureAssetDataConnector>
</data>
</ServiceRequest>
```

XML Output

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/a
m/aws_asset_data-connector.xsd">
  <responseCode>SUCCESS</responseCode>
  ...
  <isCPSEnabled>true</isCPSEnabled>
<connectorScanSetting>
<isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
```

```
    </connectorScanSetting>
  <connectorScanConfig>
    <set>
      <ConnectorScanConfiguration>
        <daysOfWeek>
          <set>
            <Day>SUN</Day>
            <Day>MON</Day>
            <Day>TUE</Day>
          </set>
        </daysOfWeek>
        <optionProfileId>2</optionProfileId>
        <recurrence>WEEKLY</recurrence>
        <scanPrefix>Scan azure 01</scanPrefix>
        <startDate>31/05/2022</startDate>
        <startTime>15:45</startTime>
        <timezone>Africa/Cairo</timezone>
      </ConnectorScanConfiguration>
    </set>
  </connectorScanConfig>
  ...
</data>
</ServiceResponse>
```

Update Azure Connector to Enable Cloud Perimeter Scan

API affected	/qps/rest/3.0/update/am/azureassetdataconnector/<id>
New or Updated APIs	Updated API
DTD or XSD changes	No

Using this API, you can update the existing configuration for connectors to enable Cloud Perimeter scan.

Specify the connector ID and the details of the connector that you would want to update in the request. Your connector details get updated.

You can secure publicly exposed cloud assets by enabling cloud perimeter scans for your connectors. You can automate asset discovery of Connectors with the Cloud Perimeter Scan. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided for connectors.

Input Parameters

Parameter	Description
isCPSEnabled	(optional) Set this flag to enable or disable cloud perimeter scan for the Azure connector.
Note: If isCPSEnabled flag is enabled, you need to provide the following parameters for the Cloud Perimeter Scan.	
connectorScanSetting	Tag to include cloud perimeter scan settings.
isCustomScanConfigEnabled	Use this flag to indicate the scan configuration to be used for cloud perimeters scan. By default, this flag is disabled and the global scan configuration is applied to the cloud perimeter scan. To use custom scan configuration, you need to enable this flag.
optionProfileId	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (/api/2.0/fo/subscriptions/option_profile/vm/?action=list). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
recurrence	Specify if the scan should be scheduled on DAILY or WEEKLY basis.
daysOfWeek	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT. Note: This field is applicable only if the recurrence field is set to WEEKLY.
scanPrefix	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name. The scan name is in following format: <prefix>-<connectorId>-<timestamp>
startDate	Specify the start date of scan in mm/dd/yyyy format.
startTime	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	Specify the time zone for the cloud perimeter scan to be initiated.

Sample: Update Global Scan Configuration for existing Azure connectors

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/update/am/azureassetdataconnector/12345" < file.xml"
```

Request POST Data

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest>
  <data>
    ...
```

```
    <isCPSEnabled>true</isCPSEnabled>
    <connectorScanSetting>
<isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
    </connectorScanSetting>
    <connectorScanConfig>
    <set>
      <ConnectorScanConfiguration>
        <daysOfWeek>
          <set>
            <Day>SUN</Day>
            <Day>MON</Day>
            <Day>TUE</Day>
          </set>
        </daysOfWeek>
        <optionProfileId>2</optionProfileId>
        <recurrence>WEEKLY</recurrence>
        <scanPrefix>update azure 01</scanPrefix>
        <startDate>31/05/2022</startDate>
        <startTime>15:45</startTime>
        <timezone>Africa/Cairo</timezone>
      </ConnectorScanConfiguration>
    </set>
  </connectorScanConfig>
  ...
</ServiceRequest>
```

XML Output

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/a
m/aws_asset_data-connector.xsd">
  <responseCode>SUCCESS</responseCode>
  ...
  <isCPSEnabled>true</isCPSEnabled>
  <connectorScanSetting>
    <isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
  </connectorScanSetting>
  <connectorScanConfig>
    <set>
      <ConnectorScanConfiguration>
        <daysOfWeek>
          <set>
            <Day>SUN</Day>
            <Day>MON</Day>
            <Day>TUE</Day>
          </set>
        </daysOfWeek>
        <optionProfileId>2</optionProfileId>
```

```
        <recurrence>WEEKLY</recurrence>
        <scanPrefix>updated- AWS scan prefix</scanPrefix>
        <startDate>31/05/2022</startDate>
        <startTime>15:45</startTime>
        <timezone>Africa/Cairo</timezone>
    </ConnectorScanConfiguration>
</set>
</connectorScanConfig>

...
</data>
</ServiceResponse>
```

Get Details of Azure Connector with Cloud Perimeter Scan Enabled

API affected	//qps/rest/3.0/get/am/azureassetdataconnector/<id>
New or Updated APIs	Updated API
DTD or XSD changes	No

You can fetch the details of an existing Azure connector to know if cloud perimeter scan is enabled or not.

Sample: Get Global Scan Configuration for Azure Connectors

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/get/am/azureassetdataconnector
/179407"
```

XML Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceResponse>
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <AzureAssetDataConnector>
      ...
      <isCPSEnabled>true</isCPSEnabled>
      <connectorAppInfos>
        <list>
          ...
          <connectorScanSetting>
            <isCustomScanConfigEnabled>true</isCustomScanConfigEnabled>
          </connectorScanSetting>
```



```
<connectorScanConfig>
  <list>
    <ConnectorScanConfiguration>
      <scanPrefix>Scan AZURE 6/2/22</scanPrefix>
      <optionProfileId>2</optionProfileId>
      <recurrence>WEEKLY</recurrence>
      <startDate>MM/DD/YYYY</startDate>
      <startTime>HH:MM</startTime>
      <daysOfWeek>
        <list>
          <Day>SUN</Day>
          <Day>TUE</Day>
        </list>
      </daysOfWeek>
      <timezone>Africa/Cairo</timezone>
    </ConnectorScanConfiguration>
  </list>
</connectorScanConfig>
...
</AzureAssetDataConnector>
</data>
</ServiceResponse>
```

AM API: Global Scan Configuration (New API)

API affected	<code>/qps/rest/3.0/create/am/globalscanconfiguration</code> <code>/qps/rest/3.0/update/am/globalscanconfiguration</code> <code>/qps/rest/3.0/search/am/globalscanconfiguration</code>
New or Updated APIs	New APIs
DTD or XSD changes	Yes

Once you enable cloud perimeter scan for your connector, you need to provide scan configuration for the cloud perimeter scan. You can either choose to provide custom scan configuration or specify global scan configuration settings to be used.

You can use the new API to create global scan configuration to be used for the cloud perimeter scan. If the custom scan configuration is not specified for the cloud perimeter scan, then the global scan configuration is used.

We have now introduced new APIs to create, update, and get information on Global Scan Configuration.

[Create Global Scan Configuration](#)

[Update Global Scan Configuration](#)

[Search Global Scan Configuration](#)

Create Global Scan Configuration

You can use the following parameters to define the settings to be used for cloud perimeter scan.

Input Parameters

Note: All the following input parameters are mandatory to create global scan configuration.

Parameter	Description
optionProfileId	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (<code>/api/2.0/fo/subscription/option_profile/vm/?action=list</code>). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
recurrence	Specify if the scan should be scheduled on DAILY or WEEKLY basis.
daysOfWeek	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT

Parameter	Description
scanPrefix	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name.
startDate	Specify the start date of scan in mm/dd/yyyy format.
startTime	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	Specify the time zone for the cloud perimeter scan to be initiated.

Sample: Create Global Scan Configuration

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/r/qps/rest/3.0/create/am/globalscanconfiguration"
```

Request POST Data

```
<?xml version="1.0" encoding="UTF-8" ?>
<ServiceRequest>
  <data>
    <GlobalScanConfiguration>
      <scanPrefix>Global Scan</scanPrefix>
      <optionProfileId>2</optionProfileId>
      <recurrence>WEEKLY</recurrence>
      <startDate>06/22/2022</startDate>
      <startTime>12:45</startTime>
      <daysOfWeek>
        <set>
          <Day>SUN</Day>
          <Day>TUE</Day>
        </set>
      </daysOfWeek>
      <timezone>Africa/Cairo</timezone>
    </GlobalScanConfiguration>
  </data>
</ServiceRequest>
```

XML Output

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/am/globalscanconfiguration.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
```

```

<data>
  <GlobalScanConfiguration>
    <scanPrefix>Global Scan</scanPrefix>
    <optionProfileId>2</optionProfileId>
    <recurrence>WEEKLY</recurrence>
    <startDate>06/22/2022</startDate>
    <startTime>12:45</startTime>
    <daysOfWeek>
      <list>
        <Day>SUN</Day>
        <Day>TUE</Day>
      </list>
    </daysOfWeek>
    <timezone>Africa/Cairo</timezone>
  </GlobalScanConfiguration>
</data>
</ServiceResponse>

```

Update Global Scan Configuration

You can use this API to update global scan configuration. You can specify the parameter to be updated in the request. All the parameters are optional.

Input Parameters

Note: All the input parameters are optional.

Parameter	Description
optionProfileId	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (/api/2.0/fo/subscription/option_profile/vm/?action=list). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
recurrence	Specify if the scan should be scheduled on DAILY or WEEKLY basis.
daysOfWeek	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT
scanPrefix	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name.
startDate	Specify the start date of scan in mm/dd/yyyy format.
startTime	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	Specify the time zone for the cloud perimeter scan to be initiated.

Sample: Update Global Scan Configuration

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"  
"https://qualysapi.qualys.com/qps/rest/3.0/update/am/globalscanconfiguration"
```

Request POST Data

```
<?xml version="1.0" encoding="UTF-8" ?>  
<ServiceRequest>  
  <data>  
    <GlobalScanConfiguration>  
      <scanPrefix>update global scan</scanPrefix>  
      <optionProfileId>2</optionProfileId>  
      <recurrence>WEEKLY</recurrence>  
      <startDate>06/22/2022</startDate>  
      <startTime>12:45</startTime>  
      <daysOfWeek>  
        <set>  
          <Day>SUN</Day>  
          <Day>TUE</Day>  
        </set>  
      </daysOfWeek>  
      <timezone>Africa/Cairo</timezone>  
    </GlobalScanConfiguration>  
  </data>  
</ServiceRequest>
```

XML Output

```
<?xml version="1.0" encoding="UTF-8"?>  
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/am/globalscanconfiguration.xsd">  
  <responseCode>SUCCESS</responseCode>  
  <count>1</count>  
  <data>  
    <GlobalScanConfiguration>  
      <scanPrefix>update global scan</scanPrefix>  
      <optionProfileId>2</optionProfileId>  
      <recurrence>WEEKLY</recurrence>  
      <startDate>06/22/2022</startDate>  
      <startTime>12:45</startTime>  
      <daysOfWeek>  
        <list>  
          <Day>SUN</Day>  
          <Day>TUE</Day>  
        </list>  
      </daysOfWeek>  
    </GlobalScanConfiguration>  
  </data>  
</ServiceResponse>
```

```
        </daysOfWeek>
        <timezone>Africa/Cairo</timezone>
    </GlobalScanConfiguration>
</data>
</ServiceRequest>
```

Search Global Scan Configuration

Use the API to search for the global scan configuration. You need not provide any input parameters.

Note: Every user can create only one global scan configuration. Once you create a global scan configuration, you cannot delete but only update it.

Sample: Search Global Scan Configuration

API Request

```
curl -n -u "USERNAME:PASSWORD" -H "content-type: text/xml"
"https://qualysapi.qualys.com/qps/rest/3.0/search/am/globalscanconfiguration"
```

XML Output

```
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://qualysapi.qualys.com/qps/xsd/3.0/am/globalscanconfiguration.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <hasMoreRecords>>false</hasMoreRecords>
  <data>
    <GlobalScanConfiguration>
      <scanPrefix>Global Scan</scanPrefix>
      <optionProfileId>2</optionProfileId>
      <recurrence>WEEKLY</recurrence>
      <startDate>06/22/2022</startDate>
      <startTime>12:45</startTime>
      <daysOfWeek>
        <list>
          <Day>SUN</Day>
          <Day>TUE</Day>
        </list>
      </daysOfWeek>
      <timezone>Africa/Cairo</timezone>
    </GlobalScanConfiguration>
  </data>
</ServiceResponse>
```

Issue Addressed

We fixed an issue where the user could not update the parent tag of Asset Group using APIs. The APIs are now fixed in a way that allow the user to update the parent tag of Asset Group.