



# Qualys Connector v1.x

## Release Notes

Version 1.8.0

August 20, 2023

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Qualys Connector 1.8.0 brings you improvements and updates! [Learn More](#)

# Amazon Web Services

Features introduced to Amazon Web Service connectors in this release.

## Region Selection for AWS CSPM Connectors

With this release, we have introduced the option to select regions when creating or editing AWS connectors for CSPM. Now, both AV and AV+CSPM connectors can select regions for asset discovery. This feature applies to both Account-level connectors and Organization connectors. Region selection ensures that asset discovery is limited to the selected regions. The feature can help you prevent charging additional costs by AWS for scanning unapproved regions.

Navigate to **Connectors > Amazon Web Services > Create Connector**

OR

Navigate to **Connectors > Amazon Web Services > Organization > Create Connector**

Once you fill in the basic and authentication details, you can select the regions for the connector.

**Note:** When selecting regions for Asset Inventory on a CSPM (AV+CSPM) connector, you must first select regions for Cloud Inventory. The regions selected for Asset Inventory must be selected from the Cloud Inventory regions.

Click **Sync Assets** to show your account's list of available regions and the count of assets for each region. Select the checkboxes next to the region names to approve asset discovery for the selected region. Cloud Inventory checkboxes approve asset discovery for CSPM, and Asset Inventory checkboxes approve asset discovery for AssetView.

The screenshot shows a 'Region Selection' dialog box. At the top, it says 'Select the regions from the list. The connector discovers assets from selected regions.' There is a 'Sync Assets' button in the top right corner. Below this is a table with the following columns: 'REGION NAME', 'CLOUD INVENTORY', 'ASSET INVENTORY', and 'DISCOVERED ASSETS'. All 'CLOUD INVENTORY' and 'ASSET INVENTORY' checkboxes are checked. The 'DISCOVERED ASSETS' column shows '0' for each region. At the bottom left, there are 'Cancel' and 'Save' buttons.

REGION NAME	CLOUD INVENTORY	ASSET INVENTORY	DISCOVERED ASSETS
Asia Pacific (Osaka)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Asia Pacific (Hong Kong)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
EU (Stockholm)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Asia Pacific (Sydney)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
US East (Ohio)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Asia Pacific (Mumbai)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Asia Pacific (Seoul)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
EU (London)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Canada (Central)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0

## Google Cloud Provider

Updates introduced to Google Cloud Provider connectors in this release.

### GCP Connector Mandatory APIs

We have optimized GCP connector creation by introducing optional APIs to enable. So far, we have requested enabling the following APIs to successfully create and run GCP connectors.

List of GCP Permissions:

- **Compute Engine API**
- **Cloud Resource Manager API -**
- **Kubernetes Engine API**
- **Cloud SQL Admin API**
- **BigQuery API**
- **Cloud Functions API**
- **Cloud DNS API**
- **Cloud Key Management Service (KMS) API**
- **Cloud Logging API**
- **Stackdriver Monitoring API**

With Connector 1.8.0, we have mandated the **Compute Engine API** and **Cloud Resource Manager APIs** for creating and running GCP connectors. You can disable other APIs, and the connector will create successfully. We recommend enabling these APIs to ensure all the resources can be discovered in your inventory.

## Common Features

Updates introduced to the connectors application in this release.

### Configure Oracle Cloud Infrastructure Connectors

We have introduced an option to configure the Oracle Cloud Inventory for your connectors. With OCI support, you can connect your OCI cloud environment with Qualys to discover its assets, assign tags and perform compliance assessments.

**Note:** You must contact support to enable the OCI connector for your subscription.

To create an OCI connector, navigate to the Connector Application from the Qualys module picker.

Choose Oracle Cloud Infrastructure from the list of supported cloud providers.

The screenshot shows the 'Connectors' application interface. At the top, there are tabs for 'CONNECTORS' and 'SCANS'. Below the tabs, there are three summary cards: 'Total' with a value of 3, 'Disabled' with a value of 0, and 'Errors' with a value of 0. Below these cards is a table with the following data:

CLOUD TYPE	TOTAL	DISABLED	ERRORS
Amazon Web Services Connectors	0	0	0
Microsoft Azure Connectors	2	0	0
Google Cloud Platform Connectors	0	0	0
Oracle Cloud Infrastructure Connectors	1	0	0

Click **Create Connector** from the OCI connector listing screen.

1. Select the type of connector. You can choose to create an **AssetView** connector or an **AssetView+CSPM** connector.

The screenshot shows the 'Create Connector: Oracle Cloud Infrastruct...' form. The form is divided into four steps: 1. Basic Details, 2. Authentication Details, 3. Assign Tags, and 4. Review and Confirm. The 'Basic Details' step is currently active. It contains the following fields and options:

- Name \***: A text input field containing 'Test Connector'.
- Description**: A text area containing 'Test description' with a character count of 234 characters remaining.
- Applications**: A section titled 'Select applications to be associated with the connector.' containing two checked options: 'AssetView: Asset Inventory' and 'Cloud Security Posture Management' (with a note '10 connectors remaining').

At the bottom of the form, there are 'Cancel' and 'Next' buttons.

2. Provide OCI authentication details, like the tenant and user id, along with the certificate to gain access to your provider.

Assign tags to the discovered assets, if necessary. Tags can help you filter the discovered assets and perform bulk operations.

Lastly, review and create your connector.

The screenshot shows the 'Create Connector: Oracle Cloud Infrastruct...' interface. The sidebar on the left indicates the current step is 'Authentication Details' (2/4). The main content area is titled 'Connector Authentication Details' and includes the following fields and controls:

- Polling Frequency:** Configure the interval at which the connector should fetch data from OCI cloud provider. Hours: 4, Minutes: 0.
- Authentication Details:**
  - Home Region: IAD (us-ashburn-1)
  - Tenant OCID: oci.tenancy.oc.uniqueid
  - User OCID: oci.user.oc.uniqueid
  - Private Key: test.pem (uploaded file, 04/Aug/2023 10:59 AM, 0 Byte)
- Fingerprint:** [Redacted]
- Key Passphrase:** [Redacted]

Buttons: Cancel, Previous, Next.

Follow the instructions on the [Connector online help](#) for detailed instructions on authenticating your cloud account with Qualys.

Your OCI Connector is now ready. If you've chosen to create an AssetView Connector, you can find the discovered assets in the CSAM application.

If you've chosen to create a CSPM connector (AssetView+CSPM), you can find the discovered assets in both CSAM and TotalCloud applications.

To learn more about the Asset Inventory, refer to the [CSAM Online Help](#).

To learn more about the CSPM Inventory, refer to the [TotalCloud Online Help](#).

Refer to the [TotalCloud 2.5.0 release notes](#) to learn about the newly introduced CSPM OCI Inventory.

## New Tokens

With this release, we have introduced new tokens to discover your OCI connectors using QQL.

Token Name	Description
application	View connectors of the selected application (CSPM, AssetView).
name	Enter the connector name value within quotes to help you find the connector you are looking for.
status	Select connector status (Queued, Synchronizing, Completed successfully, Completed with errors, Disabled, etc) to find connectors with a certain state. Select from names in the drop-down menu.
tags.name	Use a text value to find connectors with a certain tag name.
tenantId	Use a text value to search connectors created with specific tenant ID.
isDisabled	Use values true   false to find the connectors in disabled/enabled state
username	Use values within quotes to help you find connectors created by users with a certain user name.

## Issues Addressed

-We fixed an issue where the Organization connector configurations were not applying to the member connectors. This led to errors when syncing member connector.

-We have improved the search query logic for account.alias token to show results that contain parts of the searched string rather than the exact matches.

-We fixed an issue where the customer was facing asset purges outside the scope of their purge rules. We have made changes in the backend to ensure instances are not marked as terminated incorrectly.

-We have fixed an issue where the customer faced timeout errors when modifying Organization connectors.

- We have fixed an issue where the QQL tokens for Org connectors were not fetching AWS Org connector data.

- We have fixed an issue where Azure connectors with invalid credentials were marked as successful despite failing test connection.