



# Qualys CyberSecurity Asset Management v2.x

## Release Notes

Version 2.5

November 19, 2021 (Updated December 7, 2021)

Here's what's new in CyberSecurity Asset Management 2.5!

### **CyberSecurity Asset Management**

[Synchronize with Shodan to Get Attack Surface Visibility](#)

## Synchronize with Shodan to Get Attack Surface Visibility CSAM

With this release, you can import assets from Shodan to your inventory. We have added an option on the Home page to activate Shodan and manage Shodan configurations to import assets based on the filters in the configuration.

Integration with third-party sources like Shodan.io gives an outside-in view to find assets exposed to the internet, tagging known 'managed' assets, identifying unknown assets, and enabling security risk assessment.

**Important** - Please reach out to your Technical Account Manager to get this capability enabled for your subscription. Shodan will be available on the Home page for activation only after it is enabled.

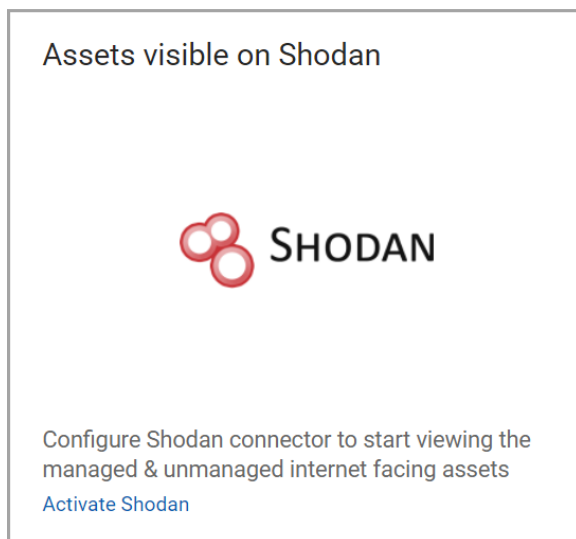
### How to activate Shodan?

Following are the steps to activate Shodan for your subscription:

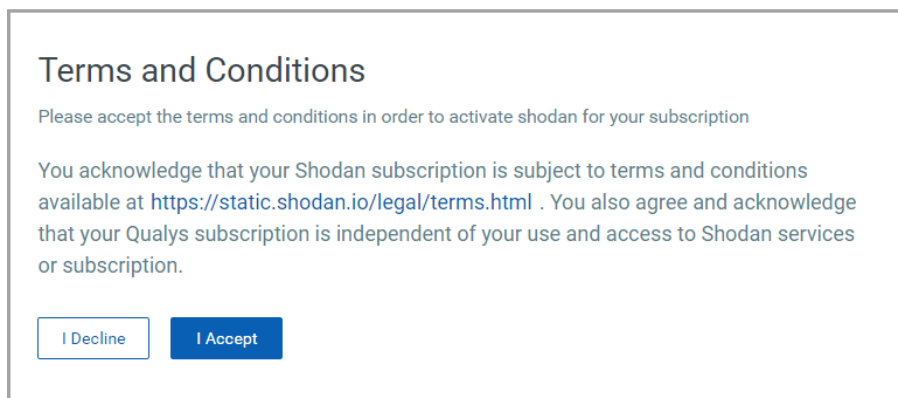
1) From the Home tab, navigate to **Discover and Inventory** > **Expand your Inventory** > **Integrate with External Sources** to view the **Assets visible on Shodan** card.

The screenshot displays the CyberSecurity Asset Management (CSAM) dashboard. The top navigation bar includes 'HOME', 'DASHBOARD', 'INVENTORY', 'TAGS', 'RULES', 'RESPONSES', and 'REPORTS'. The main content area features a 'Discover and Inventory' section with a 'Download Cloud Agent' button and a '61.1K Total Assets' summary. Below this, the 'Expand your Inventory' section contains three cards: 'Detect All Network-Connected Systems', 'Get Visibility into Container Environment', and 'Mobile Device Summary'. The 'Integrate with External Sources' section at the bottom includes 'Cloud Inventory Overview', 'Synchronize with ServiceNow CMDB', and a highlighted 'Assets visible on Shodan' card. The 'Assets visible on Shodan' card shows the Shodan logo and instructions to configure the connector and activate Shodan.

2) On the **Assets visible on Shodan** card, click **Activate Shodan**.



3) Next, read the terms and conditions and click **I Accept**.



4) You will receive an email requesting approval to activate Shodan for your subscription. Respond to the email with your approval.

**Note:** Alternatively, to approve the activation, log into your subscription, click **Help > Contact Support**, and under the **Cases** tab, find the case number mentioned in your email.



You'll see this screen until Shodan is activated.

5) Once Shodan is activated for your subscription, you can configure Shodan to import assets. For configuring Shodan, see [How to import Shodan assets?](#)

### Assets visible on Shodan

 **SHODAN**

 **Shodan is activated successfully!**

Shodan is activated on Nov 10, 2021.

Configure Shodan connector to start viewing the managed & unmanaged internet facing assets

[Configure Shodan](#)

## How to import Shodan assets?

Once Shodan is activated, configure filters to import assets from Shodan to your inventory. Click the **Configure Shodan** link on the **Assets visible on Shodan** card to view the Manage Shodan Configuration pop-up.

### Manage Shodan Configuration

Use the following filter criteria to import host assets from Shodan. [Learn More](#)

Add filter criteria

Type

Filter

Value

+

| TYPE    | FILTER  | VALUE  | Remove all |
|---------|---------|--------|------------|
| Include | Org     | Qualys | ✕          |
| Include | Country | US     | ✕          |
| Include | Country | IN     | ✕          |
| Include | Country | CA     | ✕          |

Close

Validate and Save

Add appropriate filter criteria and click **Validate and Save** to import assets in your inventory. For more information on using the filter criteria, refer to the **How the filter criteria works in the configuration?** section in the [Online Help](#).

Once the assets are imported, you'll see them on the **Home** and **Inventory** tab.

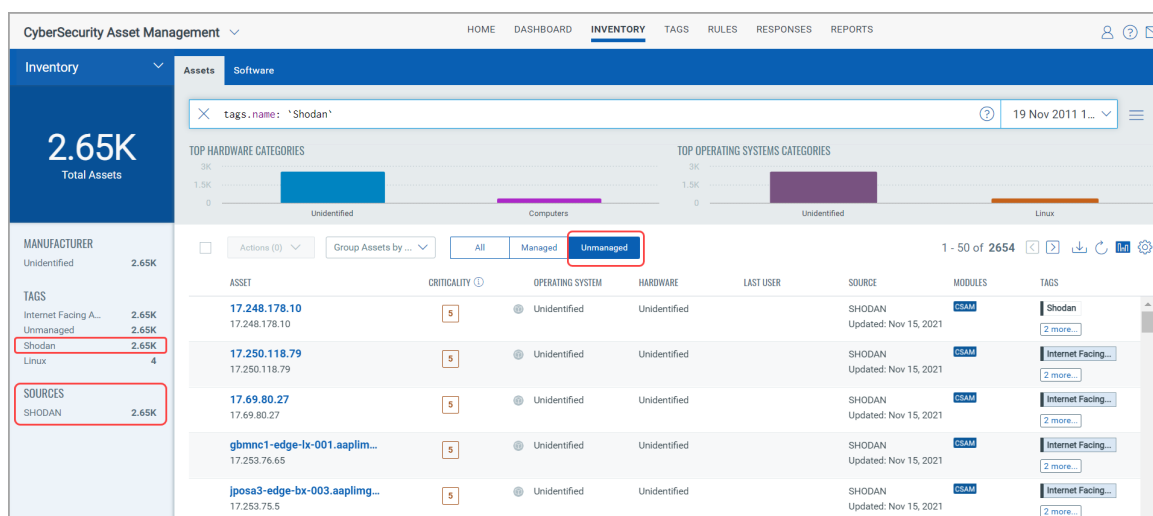


**Managed Assets:** Assets imported from Shodan which are already available in your inventory (detected through Qualys inventory sources). These assets will be displayed with the 'Shodan' tag. For the managed assets, the source will be the original source of inventory detected before Shodan.

The screenshot shows the 'Inventory' page of the CyberSecurity Asset Management system. The left sidebar contains filters for MANUFACTURER (Google: 4, Microsoft: 1), TAGS (Shodan: 5, Internet Facing A...: 4), and SOURCES (GCP\_INSTANCE\_ID: 4, VIRTUAL\_MACH...: 1). The main content area shows a list of assets with columns: ASSET, CRITICALITY, OPERATING SYSTEM, HARDWARE, LAST USER, SOURCE, MODULES, and TAGS. The 'Managed' tab is selected, and the 'Shodan' tag is applied. The assets listed are worker-0, controller-0, controller-1, and controller-2, all identified as Google Compute Engine N1 Cloud Instances. The 'Shodan' tag is highlighted in red in the original image.

| ASSET                        | CRITICALITY | OPERATING SYSTEM | HARDWARE                                    | LAST USER | SOURCE                                   | MODULES | TAGS                            |
|------------------------------|-------------|------------------|---------------------------------------------|-----------|------------------------------------------|---------|---------------------------------|
| worker-0<br>34.93.108.89     | S           | Unidentified     | Google Compute Engine N1 ... Cloud Instance |           | GCP_INSTANCE_ID<br>Updated: Nov 16, 2021 | CSAM    | Internet Facing...<br>1 more... |
| controller-0<br>35.200.211.2 | S           | Unidentified     | Google Compute Engine N1 ... Cloud Instance |           | GCP_INSTANCE_ID<br>Updated: Nov 16, 2021 | CSAM    | Internet Facing...<br>1 more... |
| controller-1<br>34.93.118.23 | S           | Unidentified     | Google Compute Engine N1 ... Cloud Instance |           | GCP_INSTANCE_ID<br>Updated: Nov 16, 2021 | CSAM    | Internet Facing...<br>1 more... |
| controller-2<br>35.244.40.89 | S           | Unidentified     | Google Compute Engine N1 ... Cloud Instance |           | GCP_INSTANCE_ID<br>Updated: Nov 16, 2021 | CSAM    | Internet Facing...<br>1 more... |

**Unmanaged Assets:** Assets imported from Shodan which are NOT already available in your inventory (detected through Qualys inventory sources). These assets will be displayed with the 'Shodan' and 'Unmanaged' tags. The source for these assets will be 'SHODAN' in the inventory list.



### Note:

If your asset is listed under the 'Unmanaged' category (discovered from Shodan) and if the same asset is later discovered from Qualys inventory sources (QAGENT, GCP, etc), after the next Shodan sync scan:

- The 'Unmanaged' asset will be moved to the 'Managed' category
- Asset listed under the 'Managed' category will be tagged with 'Shodan'