



Qualys Global AssetView/CyberSecurity Asset Management v2.x

Release Notes

Version 2.9

April 7, 2022

Here's what's new in Global AssetView/CyberSecurity Asset Management 2.9!

Global AssetView/CyberSecurity Asset Management

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Global AssetView/CyberSecurity Asset Management 2.9 brings you many more improvements and updates! [Learn more](#)

Asset Risk Score (Beta) GAV CSAM

With this release, you'll see asset risk score for the asset. Asset Risk Score (ARS) is categorized as Low, Medium, High, and Severe base on the calculated score between 0 to 1000.

The following screenshot gives detailed information on the Asset Risk Score (ARS) formula and other details.

What is Asset Risk Score (ARS)? BETA

This is the overall risk score assigned to the asset based on the following contributing factors:

- Asset Criticality Score (ACS)
- Risk (QID) scores for each severity level (Critical [C], High [H], Medium [M], Low [L])
- Auto assigned weighing factor (w) for each criticality level of QIDs

Formula to calculate the ARS:

$$ARS = ACS * \{w_C(Avg(QDS_C)) + w_H(Avg(QDS_H)) + w_M(Avg(QDS_M)) + w_L(Avg(QDS_L))\}$$

Where, w -weighing factor for each severity level of QIDs Avg(QDS) -Average of Qualys risk score for each severity level of QIDs

If an asset doesn't have a critical vulnerability, the next available QDS will be used to calculate the ARS.

The ARS range is 0-1000

0-499	500-699	700-849	850-1000
Low	Medium	High	Severe

A new column 'Risk Score' is added to the inventory list to show the asset risk score of the asset.

The screenshot shows the CSAM interface with the following details:

- Inventory Summary:** 625 Total Assets.
- Inventory Table:**

ASSET	CRITICALITY	RISK SCORE	OPERATING SYSTEM	HARDWARE	LAST USER	SOURCES	MODULES	TAGS
10.115.67.63	4	723	Canonical Ubuntu Xenial Ser... 16.04 LTS 16.04.5 LTS	VMware Virtual Platform VM...	root	CSAM, VM	Test stage with b...	40 more...
10.115.67.69	4	681	Ubuntu / Tiny Core Linux / LL...	Computers	root	CSAM, VM	Test sw lifecycle	42 more...
10.115.109.1	4	681	VMware Virtual Platform Virtual Machine	VMware Virtual Platform Virtual Machine	root	CSAM, VM	Test sw lifecycle	30 more...
10.115.98.224	5	681	Ubuntu / Tiny Core Linux / LL...	Computers	root	CSAM, VM	GroovyTag123	23 more...
- Asset Risk Score (ARS) Calculations Pop-up:**

Formula for ARS:

$$ARS = ACS * \{w_C(Avg(QDS_C)) + w_H(Avg(QDS_H)) + w_M(Avg(QDS_M)) + w_L(Avg(QDS_L))\}$$

ARS = 5 * ((1.0 * 83) + (0.7 * 64) + (0.4 * 21))

Vulnerability count based on QDS Range:

 - Critical: 0
 - High: 7
 - Medium: 5
 - Low: 7

You can also see asset risk score on the asset details page, dashboard, etc.

Software Download Limit Enhancement GAV CSAM

With this release, we have increased the CSV download limit to 50k from the earlier 10k limit while downloading software details with the [↓](#) (download) icon on the software listing page (Inventory > Software).

Shodan Enhancements CSAM

With this release, Federal users can activate shodan with the help of Qualys Support.




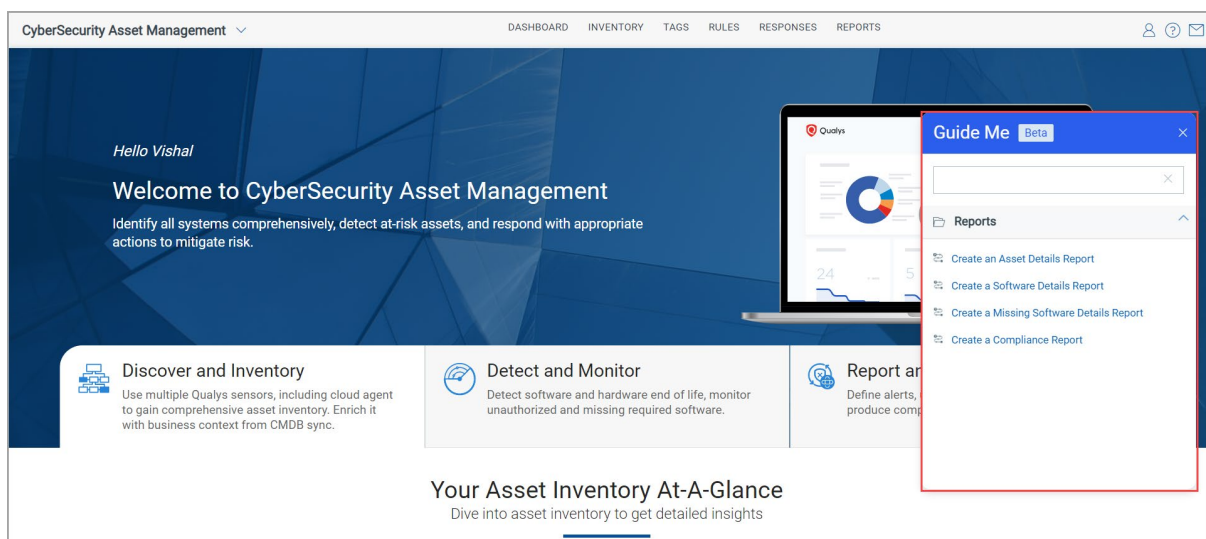
Once Shodan is activated, Federal users can import Shodan data.

Note: For other users, there is no change except the “Activate Shodan” text is changed to the “Request Shodan”.

In-app Guided Tours for Better User Assistance (Beta) GAV CSAM

You can now use the in-app guided tours to learn about various features and how to use them. The guided tours provide step-by-step help, ensuring optimum user assistance within the app.

To launch a guided tour, click  and choose a specific topic to start with the step-by-step help.



New Tokens



We have introduced the following new search tokens to enhance your search results:

For Responses

- **oci.compute.ociId:** This token helps search for all assets with the specified OCI ID.
- **oci.compute.compartmentId:** This token helps search for all assets with the specified OCI compartment ID.
- **oci.compute.compartmentName:** This token helps search for all assets with the specified OCI compartment name.
- **oci.compute.shape:** This token helps search for all assets with the specified shape.
- **oci.compute.region:** This token helps search for all assets in the specified region.
- **oci.compute.state:** This token helps search for all assets with a specific compute state.
- **oci.compute.tenantId:** This token helps search for all assets with specific tenant ID.
- **oci.compute.tenantName:** This token helps search for all assets with specific tenant name.
- **oci.compute.availabilityDomain:** This token helps search for all assets in the specified available domain.
- **oci.compute.timeCreated:** This token helps search for all assets created at the specified time.
- **oci.compute.imageId:** This token helps search all assets with the specified image ID.
- **oci.compute.faultDomain:** This token helps search all assets with the specified fault domain.
- **ibm.virtualServer.id:** This token helps search for all assets with a specific virtual server ID.
- **ibm.virtualServer.location:** This token helps to search for all assets with a specific virtual server location.
- **ibm.virtualServer.datacenterId:** This token helps search for all assets with a specific virtual server data center ID.
- **ibm.virtualServer.deviceName:** This token helps search for all assets with a specific virtual server device name.
- **ibm.virtualServer.publicIpAddress:** This token helps search for all assets with a specific virtual server public IP address.
- **ibm.virtualServer.privateIpAddress:** This token helps search for all assets with a specific virtual server private IP address.
- **ibm.virtualServer.domain:** This token helps to search for all assets with a specific virtual server domain.
- **ibm.virtualServer.state:** This token helps search for all assets with a specific virtual server state.
- **software.hasRunningInstance:** This token helps search for all assets if the software has running instances.
- **asset.hasMissingSoftware:** This token helps search for all assets if the software has missing software
- **missingSoftware.category1:** This token helps search for all assets with missing software category1.
- **missingSoftware.category2:** This token helps search for all assets with missing software category2
- **missingSoftware.publisher:** This token helps search for all assets with the specific missing software publisher.
- **missingSoftware.product:** This token helps search for all assets with the specific missing software product.

For Tags (Asset Inventory)

- **oci.compute.ociId:** This token helps search for all assets with the specified OCI ID.

- **oci.compute.compartmentId:** This token helps search for all assets with the specified OCI compartment ID.
- **oci.compute.compartmentName:** This token helps search for all assets with the specified OCI compartment name.
- **oci.compute.displayName:** This token helps search for all assets with the specified display name
- **oci.compute.faultDomain:** This token helps search all assets with the specified fault domain.
- **oci.compute.hasAgent:** This token helps search for all assets that have cloud agents.
- **oci.compute.shape:** This token helps search for all assets with the specified shape.
- **oci.compute.region:** This token helps search for all assets in the specified region.
- **oci.compute.regionKey:** This token helps search for all assets in the specified region.
- **oci.compute.regionRealm:** This token helps search for all assets in the specified region realm.
- **oci.compute.state:** This token helps search for all assets with a specific compute state.
- **oci.compute.hostName:** This token helps search all assets with the specified hostname.
- **oci.compute.tenantId:** This token helps search for all assets with specific tenant ID.
- **oci.compute.tenantName:** This token helps search for all assets with specific tenant name.
- **oci.compute.availabilityDomain:** This token helps search for all assets in the specified available domain.
- **oci.compute.canonicalRegionName:** This token helps search all assets having the specified canonical region name
- **oci.compute.timeCreated:** This token helps search for all assets created at the specified time.
- **oci.compute.imageId:** This token helps search all assets with the specified image ID.
- **oci.compute.faultDomain:** This token helps search all assets with the specified fault domain.
- **oci.tags:** This token helps search all assets with the specified tags.
- **oci.tags.key:** This token helps search all assets with the specified tag key.
- **oci.tags.namespace:** This token helps search all assets with the specified namespace.
- **oci.vnic.vnicId:** This token helps search all assets with the specified VNIC ID.
- **oci.vnic.vcnId:** This token helps search all assets with the specified VCN ID.
- **oci.vnic.privateIp:** This token helps search all assets with the specified private IP.
- **oci.vnic.publicIp:** This token helps search for all assets with the specified public IP.
- **oci.vnic.subnetId:** This token helps search OCI instances by the ID of the subnet in which the interface resides.
- **oci.vnic.subnetName:** This token helps search OCI instances by the name of the subnet in which the interface resides.
- **oci.vnic.vcnName:** This token helps search for all assets with the specified VCN name.
- **oci.vnic.vlanTag:** This token helps search for all assets with the specified VLAN tag.
- **oci.vnic.macAddr:** This token helps search for all assets with the specified MAC address.
- **oci.vnic.virtualRouterIp:** This token helps search for all assets with the specified router IP.
- **oci.vnic.subnetCidrBlock:** This token helps search for all assets with the specified block.
- **oci.vnic.nicIndex:** This token helps search for all assets with the specified index.
- **ibm.tags.name:** This token helps to search for all assets with a specific tag name.
- **ibm.tags.value:** This token helps search for all assets with a specific tag name.
- **ibm.virtualServer.id:** This token helps search for all assets with a specific virtual server ID.

- **ibm.virtualServer.location:** This token helps to search for all assets with a specific virtual server location.
- **ibm.virtualServer.datacenterId:** This token helps search for all assets with a specific virtual server data center ID.
- **ibm.virtualServer.deviceName:** This token helps search for all assets with a specific virtual server device name.
- **ibm.virtualServer.publicIpAddress:** This token helps search for all assets with a specific virtual server public IP address.
- **ibm.virtualServer.publicVlan:** This token helps search for all assets with a specific virtual server public VLAN.
- **ibm.virtualServer.privateIpAddress:** This token helps search for all assets with a specific virtual server private IP address.
- **ibm.virtualServer.privateVlan:** This token helps search for all assets with a specific virtual server private Vlan.
- **ibm.virtualServer.domain:** This token helps to search for all assets with a specific virtual server domain.
- **ibm.virtualServer.state:** This token helps search for all assets with a specific virtual server state.

For Inventory

- **asset.riskScore:** This token helps search for all assets with a specific asset risk score.

Issues Addressed

- Fixed an issue where the Inventory Date attribute on the Asset Details and Software Details was not mapped correctly.
- We added support for parsing QID-372899 for Windows assets with the tracking method as QAGENT.
- Fixed an issue where Tag Details was showing a 404 error.
- Fixed an issue where an error was thrown while editing a tag that was originally created using Create Tag API.
- Fixed an error that was occurring while configuring the Shodan where the Organization Name was with a single quote (') character.