



Qualys Global AssetView/CyberSecurity Asset Management v2.x

Release Notes

Version 2.16.2

January 09, 2024

What's New

Here's what's new in Global AssetView/CyberSecurity Asset Management 2.16.2!

GAV CSAM Global AssetView/CyberSecurity Asset Management

[Agent Provisioning Rule for Cloud Agents](#)

Global AssetView/CyberSecurity Asset Management 2.16.2 brings you many more improvements and updates! [Learn more](#)

Agent Provisioning Rule for Cloud Agents GAV CSAM

Until this release, if the existing cloud agents were deactivated and the new ones were created with the same attributes, such as hostname or operating system, the cloud agents were duplicated.

With this release, we introduced the “Agent Provisioning Rule” for Cloud Agents. With the help to this rule, instead of cloud agent duplication, the agents are merged based on the identification attributes selected for the rule.

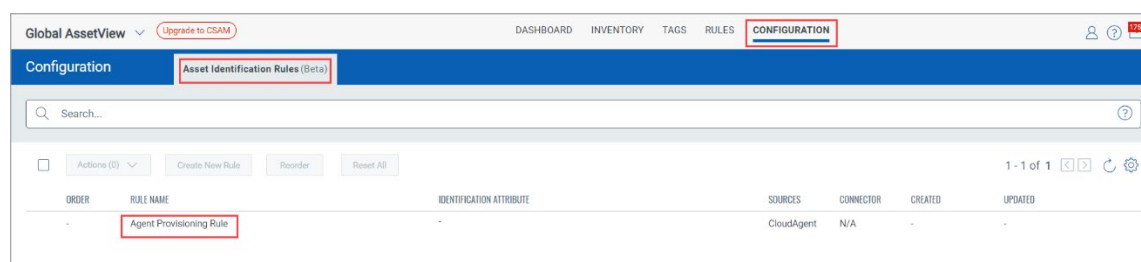
Note:

- You can see this rule only if the required flags are enabled. Contact your Technical Account Manager (TAM) to view and use this rule.
- After enabling the required flags, the “Agent Provisioning Rule” is created by default in CyberSecurity Asset Management (CSAM) and Global AssetView applications.

Go to the **Configuration > Asset Identification Rules (Beta)** tab, and you can see the default “Agent Provisioning Rule” for Cloud Agents.

You can edit this rule to apply the required identification attributes based on which the cloud agents are merged. Also, you can view the rule details. You can achieve both these operations from the Quick Actions menu of the Agent Provisioning Rule. For more information, refer to the [Online Help](#).

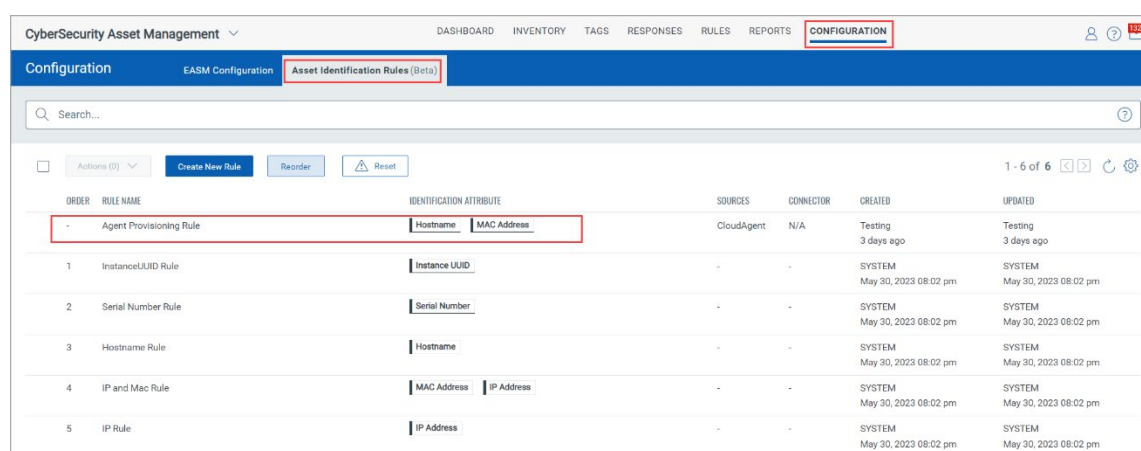
See the **Agent Provisioning Rule** in the following screen capture from GAV. This rule is not edited. Hence, no attributes are shown in the **Identification Attribute** column.



The screenshot shows the Global AssetView interface. The top navigation bar includes 'Global AssetView', 'Upgrade to CSAM', and tabs for 'DASHBOARD', 'INVENTORY', 'TAGS', 'RULES', and 'CONFIGURATION'. The 'CONFIGURATION' tab is active, and the 'Asset Identification Rules (Beta)' sub-tab is selected. A search bar is present. Below the search bar, there are buttons for 'Actions (0)', 'Create New Rule', 'Reorder', and 'Reset All'. A table lists the rules. The first rule, 'Agent Provisioning Rule', is highlighted with a red box. It has 'CloudAgent' as the source and 'N/A' as the connector. The 'IDENTIFICATION ATTRIBUTE' column is empty for this rule.

ORDER	RULE NAME	IDENTIFICATION ATTRIBUTE	SOURCES	CONNECTOR	CREATED	UPDATED
-	Agent Provisioning Rule		CloudAgent	N/A	-	-

See the **Agent Provisioning Rule** in the following screen capture from CSAM. This rule is edited. Hence, you can see the **Hostname** and **MAC Address** attributes in the **Identification Attribute** column.



The screenshot shows the CyberSecurity Asset Management interface. The top navigation bar includes 'CyberSecurity Asset Management', 'EASM Configuration', and tabs for 'DASHBOARD', 'INVENTORY', 'TAGS', 'RESPONSES', 'RULES', 'REPORTS', and 'CONFIGURATION'. The 'CONFIGURATION' tab is active, and the 'Asset Identification Rules (Beta)' sub-tab is selected. A search bar is present. Below the search bar, there are buttons for 'Actions (0)', 'Create New Rule', 'Reorder', and 'Reset'. A table lists the rules. The first rule, 'Agent Provisioning Rule', is highlighted with a red box. It has 'CloudAgent' as the source and 'N/A' as the connector. The 'IDENTIFICATION ATTRIBUTE' column shows 'Hostname' and 'MAC Address' selected. Other rules listed include 'InstanceUUID Rule', 'Serial Number Rule', 'Hostname Rule', 'IP and Mac Rule', and 'IP Rule'.

ORDER	RULE NAME	IDENTIFICATION ATTRIBUTE	SOURCES	CONNECTOR	CREATED	UPDATED
-	Agent Provisioning Rule	Hostname MAC Address	CloudAgent	N/A	Testing 3 days ago	Testing 3 days ago
1	InstanceUUID Rule	Instance UUID	-	-	SYSTEM May 30, 2023 08:02 pm	SYSTEM May 30, 2023 08:02 pm
2	Serial Number Rule	Serial Number	-	-	SYSTEM May 30, 2023 08:02 pm	SYSTEM May 30, 2023 08:02 pm
3	Hostname Rule	Hostname	-	-	SYSTEM May 30, 2023 08:02 pm	SYSTEM May 30, 2023 08:02 pm
4	IP and Mac Rule	MAC Address IP Address	-	-	SYSTEM May 30, 2023 08:02 pm	SYSTEM May 30, 2023 08:02 pm
5	IP Rule	IP Address	-	-	SYSTEM May 30, 2023 08:02 pm	SYSTEM May 30, 2023 08:02 pm

Important things to Remember!

- You must select at least one of the identification attributes from the MAC Address, Serial Number, and Hardware UUID while editing the Agent Provisioning Rule.

The screenshot shows the 'Edit Agent Provisioning Rule' interface in the Qualys Cloud Platform. At the top, there's a header with the Qualys logo and 'Cloud Platform'. Below it, a blue bar contains a back arrow and the text 'Edit Rule: Agent Provisioning Rule'. The main content area is titled 'Edit Agent Provisioning Rule'. It features a 'Rule Name' field with the value 'Agent Provisioning Rule'. Below this is a blue informational box stating: 'Select at least one field from MAC Address, Serial Number and Hardware UUID to proceed.' There are two columns of fields: 'Available Fields' on the left and 'Selected Fields' on the right. The 'Available Fields' column contains four checkboxes: 'Serial Number', 'Hardware UUID', 'IP Address', and 'Operating System'. The 'Selected Fields' column contains two checkboxes: 'Hostname' and 'MAC Address'. Between the columns are four arrow buttons: a single right arrow, a double right arrow, a double left arrow, and a single left arrow. Below the fields, there's a 'Rule Applicability' section with the text 'This rule is applicable to the Qualys Cloud Agents' and a checked checkbox for 'Cloud Agents'. At the bottom, there are 'Cancel' and 'Save' buttons.

- The cloud agent merge happens only if the exact match of the identification attributes you selected is found. If the exact match is found with multiple existing agents, the merging doesn't happen.
- If multiple MAC addresses exist depending on the number of Network Interface Cards (NICs), and if you chose the MAC Address attribute, the cloud agents are merged irrespective of the sequence of MAC Addresses. For Example, if you have an agent with existing MAC addresses as M1, M2, and M3 and get a new agent with M2, M1, and M3, then the cloud agents are merged.

Issues Addressed

- We fixed an issue where, upon downloading the software report in the CSV format from the **Inventory** > **Software** tab, a 404 error was observed.
- We fixed the issue where the STATE field was missing on the Asset Details page for the GCP asset.