Cisco Secure Dynamic Attributes Connector Release Notes 2.2

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Cisco Dynamic Attributes Connector Release Notes

Thank you for choosing Firepower. These are the Cisco Secure Dynamic Attributes Connector Release Notes.

New Features in This Release

Migration from DockerHub to Amazon ECR

Docker images for the Cisco Secure Dynamic Attributes Connector are being migrated from Docker Hub to Amazon Elastic Container Registry (Amazon ECR).

To use the new field packages, you must allow access through your firewall or proxy to all of the following URLs:

- https://public.ecr.aws
- https://csdac-cosign.s3.us-west-1.amazonaws.com

Supported Platforms

- Ubuntu 18.04 to 22.04.2
- Red Hat Enterprise Linux (RHEL) 7 or 8
- Python 3.6.x or later
- Ansible 2.9 or later

Minimum requirements for all operating systems:

- 4 CPUs
- 8 GB RAM
- For new installations, 100 GB available disk space to install the dynamic attributes connector

We recommend you size your virtual machines as follows:

- 50 connectors, assuming 5 filters per connector and 20,000 workloads: 4 CPUs; 8 GB RAM; 100 GB available disk space
- 125 connectors, assuming 5 filters per connector and 50,000 workloads: 8 CPUs, 16 GB RAM, 100 GB available disk space

Note Failure to size your virtual machines properly can cause the dynamic attributes connector to fail or not to start.

If you wish to use vCenter attributes, we also require:

- vCenter up to 8
- VMware Tools must be installed on the virtual machine

List of connectors

- GitHub
- Google Cloud

  For more information, see Setting Up Your Environment in the Google Cloud documentation.

Table 1: List of supported connectors by Cisco Secure Dynamic Attributes Connector version and platform

CSDAC version/platform	AWS	AWS security groups	AWS service tags	Azure	Azure Service Tags	Cisco Cyber Vision	Cisco Multicloud Defense	Generic text	GitHub	Google Cloud	Microsoft Office 365	vCenter	Webex	Zoom
Version 1.1 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
Version 2.0 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No
Version 2.2 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No	No
Version 2.3 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Version 3.0 (on-premises)	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 2: List of supported connectors by Cisco Secure Dynamic Attributes Connector version and platform

CSDAC version/platform	AWS	AWS Security Groups	AWS Service Tags	Azure	Azure Service Tags	Cisco APIC	Cisco Cyber Vision	Cisco Multicloud Defense	Generic text	GitHub	Google Cloud	Microsoft Office 365	vCenter	Webex	Zoom
Version 1.1 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	No
Version 2.0 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	No
Version 2.2 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No
Version 2.3 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Version 3.0 (on-premises)	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Version 3.1 (on-premises)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 3: List of supported connectors by Cisco Secure Dynamic Attributes Connector version and platform

CSDAC version/platform	AWS	AWS security groups	AWS service tags	Azure	Azure Service Tags	Cisco APIC	Cisco Cyber Vision	Generic Text	GitHub	Google Cloud	Microsoft Office 365	vCenter	Webex	Zoom
Version 1.1 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
Version 2.0 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No
Version 2.2 (on-premises)	Yes	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No	No

Issues Fixed in This Release

Version 2.2.0 Fixed Issues

Table 4: Version 2.2.0 Fixed Issues

Bug ID	Headline
CSCvy62798	You can now upload a certificate chain for a vCenter connector or adapter in addition to fetching the certificate chain.
CSCwf03852	The dynamic attributes connector now maintains one persistent REST connection to the Secure Firewall Management Center.

New and Updated Documentation

The following Firepower documentation was updated or is newly available for this release.

Firepower Configuration Guides and Online Help

- Cisco Secure Dynamic Attributes Connector Configuration Guide
- Firepower Management Center Device Configuration Guide, Version 7.3

Online Support Resources

Cisco provides online resources to download documentation, software, and tools, to query bugs, and to open service requests. Use these resources to install and configure Firepower software and to troubleshoot and resolve technical issues.

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- : https://www.cisco.com/c/en/us/support/index.html
- Cisco Bug Search Tool: https://bst.cloudapps.cisco.com/bugsearch

- Cisco Notification Service: https://www.cisco.com/cisco/support/notifications.html

Access to most tools on the Cisco Support & Download requires a Cisco.com user ID and password.

Contact Cisco

If you cannot resolve an issue using the online resources listed above, contact Cisco TAC:

- Email Cisco TAC: tac@cisco.com
- Call Cisco TAC (North America): 1.408.526.7209 or 1.800.553.2447
- Call Cisco TAC (worldwide): Cisco Worldwide Support Contacts