



# 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>

To download individual field packages, search the Amazon ECR gallery for **muster**

- <https://csdac-cosign.s3.us-west-1.amazonaws.com>

#### Supported Platforms

- Ubuntu 18.04 to 22.04.2
- CentOS 7 Linux
- 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
- 8GB RAM
- For new installations, 100GB available disk space

We recommend you size your virtual machines as follows:

- 50 connectors, assuming 5 filters per connector and 20,000 workloads: 4 CPUs; 8GB RAM; 100GB available disk space
- 125 connectors, assuming 5 filters per connector and 50,000 workloads: 8 CPUs, 16 GB RAM, 100GB 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 6.7
- VMware Tools must be installed on the virtual machine

## List of connectors

- Amazon Web Services (AWS)

For more information, see a resource like [Tagging AWS resources on the Amazon documentation site](#).

- GitHub

For more information, see [Create a GitHub Connector](#).

- Google Cloud

For more information, see [Setting Up Your Environment](#) in the Google Cloud documentation.

- Microsoft Azure

For more information, see [this page](#) on the Azure documentation site.

- Microsoft Azure service tags

For more information, see a resource like [Virtual network service tags on Microsoft TechNet](#).

- Office 365 IP addresses

For more information, see [Office 365 URLs and IP address ranges](#) on docs.microsoft.com.

- VMware categories and tags managed by vCenter and NSX-T

For more information, see a resource like [vSphere Tags and Attributes in the VMware documentation site](#).

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

CSDAC version/platform	AWS	GitHub	Google Cloud	Azure	Azure Service Tags	Microsoft Office 365	vCenter
Version 1.1 (on-premises)	Yes	No	No	Yes	Yes	Yes	Yes
Version 2.0 (on-premises)	Yes	Yes	Yes	Yes	Yes	Yes	Yes

CSDAC version/platform	AWS	GitHub	Google Cloud	Azure	Azure Service Tags	Microsoft Office 365	vCenter
Version 2.2 (on-premises)	Yes	Yes	Yes	Yes	Yes	Yes	Yes

## Issues Fixed in This Release

### Version 2.2.0 Fixed Issues

Table 2: Version 2.2.0 Fixed Issues

Bug ID	Headline
<a href="#">CSCvy62798</a>	You can now upload a certificate chain for a vCenter connector or On-Prem Firewall Management Center adapter in addition to fetching the certificate chain.
<a href="#">CSCwf03852</a>	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://tools.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](mailto: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](#)