



## Security and Internet Access

Lists of URLs used by the dynamic attributes connector when communicating with cloud service providers and the .

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## Internet Access Requirements

By default, the dynamic attributes connector is configured to communicate with the Firepower System over the internet using HTTPS on port 443/tcp (HTTPS). If you do not want the dynamic attributes connector to have direct access to the internet, you can configure a proxy server.

The following information informs you of the URLs the dynamic attributes connector use to communicate with the and with external servers.

**Table 1: Cisco Secure Dynamic Attributes Connector access requirements**

URL	Reason
<b><code>https://fmc-ip/api/fmc_platform/v1/auth/generatetoken</code></b>	Authentication
<b><code>https://fmc-ip/api/fmc_config/v1/domain/domain-id/object/dynamicobjects</code></b>	GET and POST dynamic objects
<b><code>https://fmc-ip/api/fmc_config/v1/domain/domain-id/object/dynamicobjects/object-id/mappings?action=add</code></b>	Add mappings
<b><code>https://fmc-ip/api/fmc_config/v1/domain/domain-id/object/dynamicobjects/object-id/mappings?action=remove</code></b>	Remove mappings

### 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>

**Cisco Secure Dynamic Attributes Connector Azure access requirements**

The dynamic attributes connector calls built-in SDK methods to get instance information. These methods internally call <https://login.microsoft.com> (for authentication) and <https://management.azure.com> (to get instance information).