Configuring Proxy

Configuring a Proxy

In the Connector GUI, you can also configure the proxy and other privacy settings. You can set up a proxy to connect the Connector to the Cisco Spaces if the Cisco UCS hosting the Connector is behind a proxy. Without this proxy configuration, the Connector is unable to communicate with the Cisco Spaces.

SUMMARY STEPS

1. SSH into the Connector CLI interface. Copy the proxy certificate file to a location accessible by **dnasadmin** user.
2. (Optional) Run the **setproxycert** command from the CLI
3. Return to the Connector GUI and click **set up HTTP Proxy**. Enter your proxy address in the dialog box displayed.

DETAILED STEPS

Step 1 SSH into the Connector CLI interface. Copy the proxy certificate file to a location accessible by **dnasadmin** user.

```
Username:~ username$ scp ~/Downloads/cert.pem dnasadmin@x.x.x.x
Username:~ username$ ssh dnasadmin@x.x.x.x
dnasadmin@x.x.x.x's password:
Last failed login: Mon Oct 22 23:54:08 UTC 2018 from x.x.x.x on ssh:notty
There were 4 failed login attempts since the last successful login.
Last login: Mon Oct 22 22:43:17 2018 from x.x.x.x
```

Step 2 (Optional) Run the **setproxycert** command from the CLI

```
[dnasadmin@connector ~]$ connectorctl setproxycert cert.pem
New cert exists.
Restarting connector container ...
Connector container was restarted.
setProxyCert successful.
```

Step 3 Return to the Connector GUI and click **set up HTTP Proxy**. Enter your proxy address in the dialog box displayed.

Figure 1: Setup Proxy

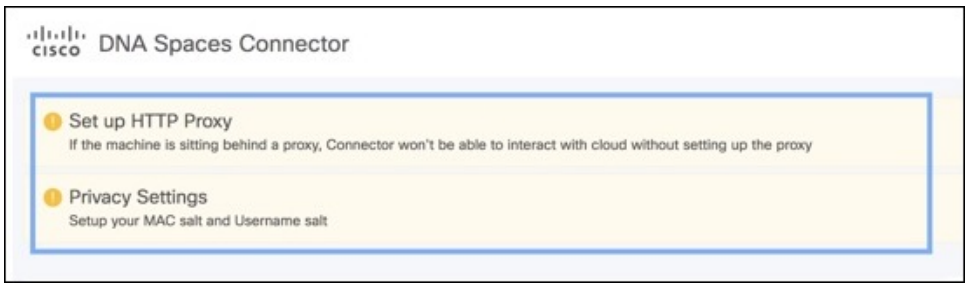
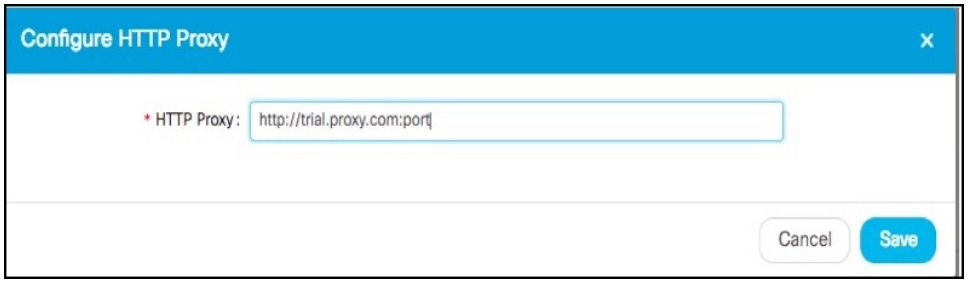


Figure 2: Setup Proxy



You can also configure proxy including basic authentication credentials.

Figure 3: Configuring Proxy With Basic Authentication

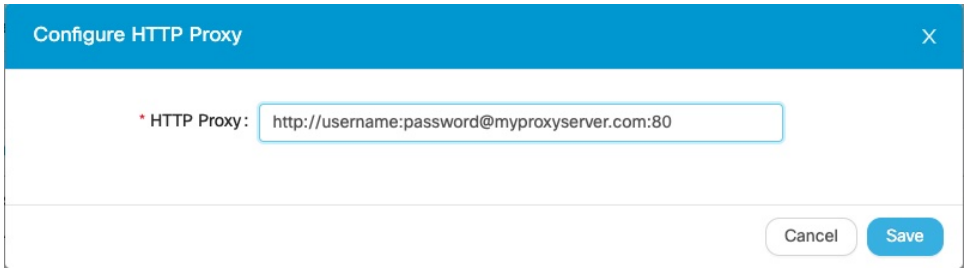
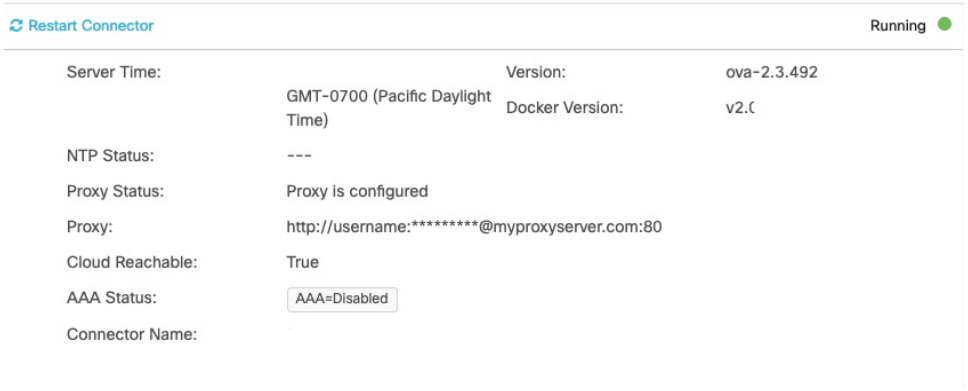


Figure 4: Proxy Configured With Basic Authentication



Troubleshooting Proxy Configuration

SUMMARY STEPS

1. SSH into the Connector CLI interface and ping the proxy server IP address.
2. If you are getting certificate errors such as *curl: (60) Peer's certificate issuer has been marked as not trusted by the user*, perform the following steps to add a proxy server certificate to the Connector.
3. If the previous steps do not resolve the issue, then you must include the **dnaspaces.io** domain in the allowed list for your proxy, and exclude it from HTTPS decryption (if enabled on your proxy).

DETAILED STEPS

Step 1 SSH into the Connector CLI interface and ping the proxy server IP address.

Step 2 If you are getting certificate errors such as *curl: (60) Peer's certificate issuer has been marked as not trusted by the user*, perform the following steps to add a proxy server certificate to the Connector.

a) Retrieve the certificate used by the proxy, and copy it to the Cisco Spaces: Connector.

b) Run the **connectorctl setproxycert** command and verify the output.

```
[spacesadmin@spacessadmin ~]$ connectorctl setproxycert squid.pem
New cert exists.
Starting connector container ...
Current version in database: latest
Container: [<Container: adlbledc71>]
Running connector version: latest
setproxycert successful.
```

Note The command may fail if you are using a transparent proxy or if you have not configured your proxy through the GUI. This command can ensure if the certificate is configured correctly.

c) Reconfigure the token on the Connector.

Step 3 If the previous steps do not resolve the issue, then you must include the **dnaspaces.io** domain in the allowed list for your proxy, and exclude it from HTTPS decryption (if enabled on your proxy).

Note Attempting to perform HTTPS decryption on the dnaspaces.io domain can interfere with or prevent the Websocket connections entirely.