

REGISTER YOUR NETWORK ACTOR USING THE DIRECTOR

There are two ways to register your Network Actors to the Director:

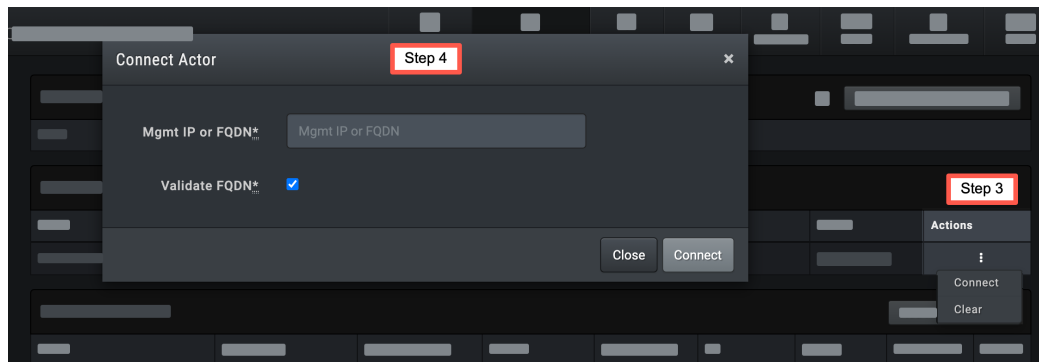
- [Register a Push Mode Actor](#)
- [Register a Pull Mode Actor](#)

Register a Push Mode Actor to the Director

Follow one of the sets of steps, depending on how you're registering your Actor:

Pending Actor

1. Launch the Director and sign in.
2. Select **Environment > Actors**.
3. Identify the Actor in the Pending Actors table, expand the **Actions** menu and click **Connect to initiate a Director-to-Actor registration**.



Actor Action menu and Connect Actor form

4. Enter the Actor's *FQDN* or *IP address*.
5. (Optional) Clear the **Validate FQDN** checkbox.
Clearing this checkbox allows you to register push Actors when DNS resolution is not possible due to your network setup.
6. Click **Connect**.
 - The message "Actor '*actor name*' is being registered and will update automatically below" displays.
 - Once registration is complete, the Actor moves from the Pending Actors table to the Network Actors list.

Bulk Registration Tokens

1. Launch the Director and sign in.
2. Select **Environment > Actors**.
3. Identify the Bulk Registration Token you want to use to register the Actor, expand the **Actions** menu and click **Register Push**.
4. Populate the Register Push Actor form and then click **Submit**.
 - **Name:** The default name of the Actor is the name of the token with a numeral appended.
 - **Description:** Short description of the Actor
 - **Mgmt IP or FQDN:** The IP address or fully qualified domain name of the Actor.
 - **Actor Time:** Select **Use System Time** or **Use NTP Server(s)**.
 - Optional. Select **Enable Network Keepalive**.

- The message "Actor '*actor name*' is being registered and will update automatically below" displays.
Once registration is complete, the Actor moves from the Pending section under the bulk token to the Network Actors list.

Register a Pull Mode Actor by using the command line

- Connect to the Actor by using SSH.
- Using an elevated command prompt, navigate to the scripts directory and run `vregister`.

```
sudo /opt/apps/verodin/node/node/scripts/vregister
```



When an unexpected response is received, a message is displayed and a `response.txt` file is created.



If you need to see Tap Adapters when selecting the interfaces, add the argument `--include-tap-adapters` when running `vregister`.

- Enter the Director's *FQDN or IP address*.
- Enter the appropriate code from the Director:
 - registration code* in the Pending Actor's table
 - bulk registration token code* in the Bulk Registration Tokens table
- If prompted, specify if you want to verify the Director TLS Certificate [yes | no].
When set to Yes, it'll verify the certificate during registration and then every time the Actor reaches out to the Director (HTTPS requests). This prompt only appears for Pull Actors.



Actors can verify TLS certs signed by public CAs, but not private CAs.

- If desired, add a proxy.
 - Enter **yes**.
 - Enter the *Proxy IP* and *Proxy Port*.
 - If there is an account associated with the proxy, enter *the account info*.
The command line states "Successfully validated with Verodin Director" and the Director's Actor listing moves the Actor from the Pending Actors list to the Actors list.

Example of registration steps using `vregister`

```
[nodeone@actor ~]$ sudo vregister
```

```
- Verodin Registration Script -
```

```
Enter IP Address or Hostname of Verodin Director: 172.16.39.193
```

```
Enter Code from Verodin Director: XXXX-XXXX-XXXX
```

```
Use Proxy To Connect To Verodin Director (yes|no): yes
```

```
Enter Proxy IP Address: 172.16.71.234
```

```
Enter Proxy Port: 443
```

```
Enter Proxy Username (blank for none): verodiner
```

```
Enter Proxy Password:
```