

SET UP NETWORKING FOR PROTECTED THEATER

After you confirm that virtualization is enabled, you can set up the Protected Theater networking. Choose an option, depending on whether you want to control your OS network settings or have Mandiant control them:

- **Control your OS network settings:** In the `vsetnet` tool, you only select the management interface to use. You are responsible for manually configuring the host's networking settings outside of `vsetnet`.
- **Let Mandiant control your OS network settings:** You select the interface, and then `vsetnet` prompts you for the network settings to use. This is done so the Actor software can make the required changes to the OS networking.

Follow these steps, regardless of the option you chose:

1. Connect to the Protected Theater environment using SSH.
2. Set up the network configuration by running the following command:

```
$ sudo vsetnet
```

3. Choose your preferred option:



- We recommend using `ens192` for the (management) interface.
- Remember to use a static IP address.
- Only one IP address is necessary for Protected Theaters.

- **Customer-controlled OS network settings:**

1. Enter `no` when prompted for Verodin (Mandiant) control of network files, then press `Enter`.
2. Select the primary interface (`ens192`) and press `Enter`.
3. Enter `no` when prompted for the test data interface and then press `Enter`. After these steps, Verodin services restart and your network configuration is updated.



The following code output is provided for an example. Also, the network values are for example purposes only and should not be used for your specific network configuration.

```
$ sudo vsetnet

- Verodin Network Configuration -

Will Verodin control the network configuration files? (yes|no): no

Selecting the primary management interface.
Available Interfaces:
ens192 - IP: MGMT_IP_ADDRESS - MAC: MAC_ADDRESS
Which interface do you want to use for management: ens192

Configure Second Interface for Test Data (yes|no): no

Restarting Verodin services...
```

- **Mandiant-controlled OS network settings:**

1. Enter `yes` when prompted for Verodin (Mandiant) control of network files, then press `Enter`.
2. Select the primary interface (`ens192`) and press `Enter`.
3. Enter network values for:
 - a. IP Address or DHCP
 - b. Network Mask
 - c. Gateway
 - d. Nameserver IP Address (typically a DNS server)
4. Enter `no` when prompted for the test data interface and then press `Enter`. After these steps, Verodin services restart and your network configuration is updated.



The following code output is provided for an example. Also, the network values are for example purposes only and should not be used for your specific network configuration.

```
$ sudo vsetnet
- Verodin Network Configuration -

Will Verodin control the network configuration files? (yes|no): yes

Selecting the primary management interface.
Available Interfaces:
ens192 - IP: 192.0.2.2 - MAC: 00:00:5E:00:53:00
Which interface do you want to use for management: ens192

Enter IP Address or DHCP: MGMT_IP_ADDRESS

Enter Network Mask: NETWORK_MASK_ADDRESS

Enter Gateway: GATEWAY_ADDRESS

Enter Nameserver IP Address: NAMESERVER_IP_ADDRESS

Configure Second Interface for Test Data (yes|no): no

Restarting Verodin services...
```

4. Once the network settings have been established, confirm the IP settings have been changed by running the following command and noting the `inet` value (in this case, `MGMT_IP_ADDRESS`), as used in the preceding examples):

```
$ ifconfig
ens192: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet MGMT_IP_ADDRESS netmask NETWORK_MASK_ADDRESS broadcast GATEWAY_ADDRESS
```