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Stellar Cyber M6000C Appliance Quick Start

This document describes how to get started using your Stellar Cyber Model 6000C (M6000C) platform.

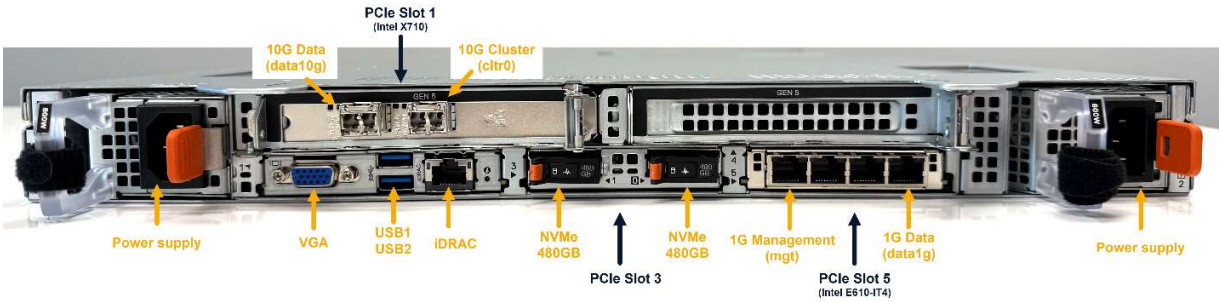
To start using Stellar Cyber:

1. Connect power.
2. Connect the appliance to the network.
3. Access the CLI.
4. Configure the management port settings.
5. Configure the data port settings.
6. Apply the platform license.
7. Access the Stellar Cyber GUI in a web browser.

About the M6000C Appliance

As shown below, the Stellar Cyber M6000C is based on a Dell PowerEdge R670 rack server running a customized version of Ubuntu 24.04 HWE:

- Dual 480GB NVMe SSD drives
- Intel E610-IT4 (OCP 3.0) with 1G management and 1G data ports
- Intel X710 adapter with 10G data and 10G cluster ports
  Note: You can only use one data interface at a time (either **data10g** or **data1g**). By default, **data1g** is enabled. Refer to Changing the Data Port between data1g and data10g for information on switching between the two.



Connecting to the M6000C Appliance

You can start a console session with the appliance using either the VGA/USB ports or SSH.

Note: The M6000C Appliance also includes the Integrated Dell Remote Access Controller for out-of-band management. However, it is not licensed by default.

Power on the Appliance

Connect the power supplies at the rear of the appliance in addition to any peripherals used to access the device (see below). Then, press the power button on the front of the appliance to power it on.

VGA Console Access

For VGA console access:

1. Connect a monitor to the VGA port at the rear of the unit.
2. Connect a keyboard to one of the USB ports at the rear of the unit.

SSH Access

You can also connect the appliance's management port to a hub and use SSH for console access. The default management IP address on the appliance is **192.168.1.100/24**, and the default gateway IP address is **192.168.1.1**. The default username and password are both **stellar**.

For SSH access to the appliance:

```
ssh -l stellar 192.168.1.100
```

Verify Configuration

Verify the configuration using the procedure below:

1. Confirm the management IP address with the following command:

   ```
   show interface
   ```

   The output should show the default management and data port IP addresses (bold in this example):

   ```
   data1g    Link encap:Ethernet  HWaddr 00:50:56:b4:fb:8f
             inet addr:192.168.1.101  Bcast:192.168.1.255  Mask:255.255.255.0
             inet6 addr: fe80::250:56ff:feb4:fb8f/64 Scope:Link
             UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
             RX packets:21382 errors:0 dropped:272 overruns:0 frame:0
   ```

```
          TX packets:10 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:1483030 (1.4 MB)  TX bytes:828 (828.0 B)

data10g   Link encap:Ethernet  HWaddr 00:50:56:b4:27:4f
          inet6 addr: fe80::250:56ff:feb4:274f/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:20439 errors:0 dropped:305 overruns:0 frame:0
          TX packets:35 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:1424321 (1.4 MB)  TX bytes:2573 (2.5 KB)

mgt       Link encap:Ethernet  HWaddr 00:50:56:b4:1d:e1
          inet addr:192.168.1.100  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::250:56ff:feb4:1de1/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:335480 errors:0 dropped:451 overruns:0 frame:0
          TX packets:172950 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:56881841 (56.8 MB)  TX bytes:26211179 (26.2 MB)

cltr0     Link encap:Ethernet  HWaddr 00:50:56:b4:f4:5a
          inet6 addr: fe80::250:56ff:feb4:f45a/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:34739 errors:0 dropped:458 overruns:0 frame:0
          TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2433623 (2.4 MB)  TX bytes:648 (648.0 B)
```

Note: You can also specify an interface to see details for only that interface:

`show interface [mgt|data1g|data10g|cltr0]`

2. Confirm the gateway settings:

   `show gateway`

   The output should be similar to the following:

   ```
   Management network gateway 192.168.1.1 via mgt interface
   Data network gateway 192.168.1.1 via data1g interface
   ```

3. Confirm the DNS settings with the `show dns` command. The output should be:

   `8.8.8.8`

Changing the Management IP Configuration

1. Change the default management, gateway, and DNS IP addresses with the following **set interface** commands:

   ```
   set interface mgt ip <new management IP address>/<netmask>
   set interface mgt gateway <new gateway IP address>
   set interface mgt dns <new DNS server IP address>
   ```

2. Apply the new settings:

   ```
   set interface mgt restart
   ```

3. Confirm your changes with the `show interface`, `show gateway`, and `show dns` commands.

Changing the Data Port IP Configuration

1. Change the default IP and gateway addresses for the data1g port. From the console or an SSH session:

   ```
   set interface data1g ip <new data port IP address>/<netmask>
   set interface data1g gateway <new data port gateway IP address>
   ```

2. Apply the new settings:

   ```
   set interface data1g restart
   ```

3. Confirm your changes with the `show interface` and `show gateway` commands.

Note: You can only configure DNS settings on the management port.

Changing the Data Port between data1g and data10g

By default, the M6000C uses the data1g port as its data interface. Use the following procedure to switch to the data10g port and configure its IP settings.

1. Unset the data1g port's IP configuration and restart it with the following commands:

   ```
   unset interface data1g ip
   unset interface data1g restart
   ```

2. Change the IP and gateway addresses for the data10g port with the following commands:

   ```
   set interface data10g ip <ip address>/prefix
   set interface data10g gateway <gateway>
   ```

4. Apply the new settings:

   ```
   set interface data10g restart
   ```

Applying Your License

Stellar Cyber sends your license via email. If you have not received your license, contact support.

1. Enter the following command:

   ```
   console dl-master
   ```

2. Log in with a username of **aella**, and the default password of **changeme**.
3. Enter the following command, substituting the license you received via email for the `<string>` below:

   ```
   set otp <string>
   ```

Accessing the Stellar Cyber User Interface

1. Open a browser window using either Chrome or Firefox.
2. Enter the following URL:

   ```
   https://<new management IP address>
   ```

3. Log in when prompted using the default username of **admin** with a password of **changeme**.
4. Accept the end-user license agreement when prompted.
5. Follow the system prompts to set the email address associated with the **admin** account.

Next Steps

Launch the Stellar Cyber Knowledge Base from the **?** menu in the user interface and view the Getting Started topic. From there, you can use the Quick Start topics for Analysts and Administrators to get started configuring system settings, adding data sources, and working with security information. You'll also find links to videos at Stellar Cyber Academy that can get you up to speed quickly with your new Stellar Cyber Platform.

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