Recover a lost password on UCS for 6400, 6500, 6600 and 9108 Fabric Interconnects

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Introduction

This document describes a comprehensive guide on the procedure to recover a lost password on CIsco UCS Fabric Interconnect.

Prerequisites

Physical access to the Fabric Interconnect.

Components Used

- Fabric Interconnect 6454.
- RJ45 to DB9 Serial Cable.
- Laptop.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Recover the Admin Account Password



Note: Repeat these steps on both Fabric Interconnects (one at the time) if is a cluster configuration.

Procedure

1. Connect to the console port. Plug the RJ-45 end of the serial management cable into the console port on the fabric interconnect, and connect the DB-9 male end into the serial port on a laptop or other computer.

2. Power cycle the Fabric Interconnect:

a. Power off the Fabric Interconnect.
b. Power on the Fabric Interconnect.

3. Press the key combination in the console as it boots: **Ctrl + C.**

Note: For UCS 9108 100G Fabric Interconnect, press the Ctrl + C and then Ctrl + L key combinations in the console during the boot process. You have a 10-second window to perform this action.

4. At the loader prompt, find the system image that is used to boot with command **dir**.

```
loader > dir

bootflash::

  lost+found
  ucs-manager-k9.4.2.3e.bin
  .rpmstore
  ucs_chassis_imgs
  installables
  ucs-6400-k9-system.9.3.5.I42.3d.bin   <----
  nuova-sim-mgmt-nsg.0.1.0.001.bin
```

5. Run the command **cmdline recoverymode=1** to enable recovery mode.

```
loader > cmdline recoverymode=1
```

6. Boot the system image on the Fabric Interconnect.

```
loader > boot ucs-6400-k9-system.9.3.5.I42.3d.bin
```

7. Then, enter to the config terminal mode.

```
switch(boot)# config terminal
Enter configuration commands, one per line.  End with CNTL/Z.
switch(boot)(config)#
```

8. Reset the admin password.

```
switch(boot)(config)# admin-password <your_password>
```

Tip: Choose a strong password that includes at least one capital letter and one number. The password cannot be blank.

Caution: The new password is displayed in clear text mode.

9. Exit the config terminal mode.

10. Reload the Fabric Interconnect.

```
switch(boot)(config)# exit
switch(boot)# reload
This command will reboot this supervisor module. (y/n) ? y
```

Verify

Establish a connection via SSH to the management IP of the Fabric Interconnect and Log In using the updated password.

```
login as: admin
Pre-authentication banner message from server:
| Cisco UCS 6500 Series Fabric Interconnect
```

```
End of banner message from server
admin@X.X.X.X's password: N3wp4ssw0rd
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
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http://www.opensource.org/licenses/gpl-2.0.php and
http://www.opensource.org/licenses/lgpl-2.1.php

FI-6454-A#
```

Related Information

Cisco UCS 6400 Series Fabric Interconnect Hardware Installation Guide - Connecting the Cisco UCS Fabric Interconnect [Cisco UCS 6400 Series Fabric Interconnects] - Cisco

Cisco UCS 6500 Series Fabric Interconnect Hardware Installation Guide - Connecting the Fabric Interconnect [Cisco UCS 6500 Series Fabric Interconnects] - Cisco

Cisco UCS 6600 Series Fabric Interconnect Installation and Service Guide - Connecting the Fabric Interconnect [Cisco UCS 6600 Series Fabric Interconnects] - Cisco

Cisco UCS X-Series Direct Fabric Interconnect 9108 100G Installation and Service Guide - Connecting the Fabric Interconnect [Cisco UCS X-Series Direct] - Cisco