

Recover a lost password on UCS for 6400 & 6500 Fabric Interconnects

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Introduction

This document provides a comprehensive guide on the procedure to recover a lost password on a Fabric Interconnect 4th and 5th generation.

Prerequisites

Physical access to the Fabric Interconnect.

Components Used

Fabric Interconnect 6536.

RJ45 to DB9 Serial Cable.

Laptop.

Recover the Admin Account Password

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:
 1. Power off the Fabric Interconnect.
 2. Power on the Fabric Interconnect.
3. Press the key combination in the console as it boots: **Ctrl + C**.
4. At the loader prompt, find the system image used 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>
```

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

 **Caution:** The new password will display in clear text mode.

9. Exit the config terminal mode.

10. Load the system image.

```
switch(boot)(config)# exit
```

```
switch(boot)# load ucs-6400-k9-system.9.3.5.I42.3d.bin
```

If it is a cluster configuration. Repeat steps to get to the loader prompt.

1. Connect to the console port.
2. Power cycle the Fabric Interconnect:
 1. Power off the Fabric Interconnect.
 2. Power on the Fabric Interconnect.
3. Press the key combination in the console as it boots: **Ctrl + C**.
4. At the loader prompt for the subordinate Fabric Interconnect, boot the image to bring it up.

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



Tip: Fabric Interconnect must be on the same firmware version to form the cluster.

Verify

Establish a connection via SSH to the fabric's management IP 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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such license is available at
http://www.opensource.org/licenses/gpl-2.0.php and
http://www.opensource.org/licenses/lgpl-2.1.php
```

```
FI-6536-A#
```

Related Information

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/hw/6454-install-guide/6454/6454_chapter_011.html