



## Recovering a Lost Password

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## Password Recovery for the Admin Account

The admin account is the system administrator or superuser account. If an administrator loses the password to this account, you can have a serious security issue. As a result, the procedure to recover the password for the admin account requires you to power cycle all fabric interconnects in a Cisco UCS instance.

When you recover the password for the admin account, you actually change the password for that account. You cannot retrieve the original password for that account.

You can reset the password for all other local accounts through Cisco UCS Manager. However, you must log into Cisco UCS Manager with an account that includes aaa or admin privileges.



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**Caution**

This procedure requires you to power down all fabric interconnects in a Cisco UCS instance. As a result, all data transmission in the instance is stopped until you restart the fabric interconnects.

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## Determining the Leadership Role of a Fabric Interconnect

### Procedure

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- Step 1** In the **Navigation** pane, click the **Equipment** tab.
- Step 2** In the **Equipment** tab, expand **Equipment ► Fabric Interconnects**.
- Step 3** Click the fabric interconnect for which you want to identify the role.
- Step 4** In the **Work** pane, click the **General** tab.
- Step 5** In the **General**, click the down arrows on the **High Availability Details** bar to expand that area.
- Step 6** View the **Leadership** field to determine the role of the fabric interconnect.
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## Verifying the Firmware Versions on a Fabric Interconnect

You can use the following procedure to verify the firmware versions on all fabric interconnects in a Cisco UCS instance. You can verify the firmware for a single fabric interconnect through the **Installed Firmware** tab for that fabric interconnect.

### Procedure

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- Step 1** In the **Navigation** pane, click the **Equipment** tab.
- Step 2** In the **Equipment** tab, select the **Equipment Node**.
- Step 3** In the **Work** pane, select the **Firmware Management** tab.
- Step 4** In the **Installed Firmware** tab, verify that the following firmware versions for each fabric interconnect match the version to which you updated the firmware:
- Kernel version
  - System version
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## Recovering the Admin Account Password in a Standalone Configuration

### Before You Begin

- 1 Physically connect the console port on the fabric interconnect to a computer terminal or console server
- 2 Obtain the following information:
  - The firmware kernel version on the fabric interconnect

- The firmware system version

### Procedure

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- Step 1** Connect to the console port.
- Step 2** Power cycle the fabric interconnect:
- a) Turn off the power to the fabric interconnect.
  - b) Turn on the power to the fabric interconnect.
- Step 3** In the console, press one of the following key combinations as it boots to get the `loader` prompt:
- Ctrl+l
  - Ctrl+Shift+r

You may need to press the selected key combination multiple times before your screen displays the `loader` prompt.

- Step 4** Boot the kernel firmware version on the fabric interconnect.
- ```
loader > boot  
/installables/fabric/kernel_firmware_version
```
- Step 5** Enter config terminal mode.
- ```
Fabric(boot)# config terminal
```
- Step 6** Reset the admin password.
- ```
Fabric(boot) (config)# admin-password  
password
```
- The new password displays in clear text mode.
- Step 7** Exit config terminal mode and return to the boot prompt.
- Step 8** Boot the system firmware version on the fabric interconnect.
- ```
Fabric(boot)# load /installables/fabric/system_firmware_version
```
- Step 9** After the system image loads, log in to Cisco UCS Manager.
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## Recovering the Admin Account Password in a Cluster Configuration

### Before You Begin

- 1 Physically connect a console port on one of the fabric interconnects to a computer terminal or console server
- 2 Obtain the following information:
  - The firmware kernel version on the fabric interconnect
  - The firmware system version
  - Which fabric interconnect has the primary leadership role and which is the subordinate

## Procedure

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**Step 1** Connect to the console port.

**Step 2** For the subordinate fabric interconnect:

- a) Turn off the power to the fabric interconnect.
- b) Turn on the power to the fabric interconnect.
- c) In the console, press one of the following key combinations as it boots to get the loader prompt:
  - Ctrl+l
  - Ctrl+Shift+r

You may need to press the selected key combination multiple times before your screen displays the loader prompt.

**Step 3** Power cycle the primary fabric interconnect:

- a) Turn off the power to the fabric interconnect.
- b) Turn on the power to the fabric interconnect.

**Step 4** In the console, press one of the following key combinations as it boots to get the loader prompt:

- Ctrl+l
- Ctrl+Shift+r

You may need to press the selected key combination multiple times before your screen displays the loader prompt.

**Step 5** Boot the kernel firmware version on the primary fabric interconnect.

```
loader > boot
/installables/fabric/kernel_firmware_version
```

**Step 6** Enter config terminal mode.

```
Fabric (boot) # config terminal
```

**Step 7** Reset the admin password.

```
Fabric (boot) (config) # admin-password
password
```

The new password displays in clear text mode.

**Step 8** Exit config terminal mode and return to the boot prompt.

**Step 9** Boot the system firmware version on the primary fabric interconnect.

```
Fabric (boot) # load /installables/fabric/system_firmware_version
```

**Step 10** After the system image loads, log in to Cisco UCS Manager.

**Step 11** In the console for the subordinate fabric interconnect, do the following to bring it up:

- a) Boot the kernel firmware version on the subordinate fabric interconnect.
 

```
loader > boot
/installables/fabric/kernel_firmware_version
```
  - b) Boot the system firmware version on the subordinate fabric interconnect.
 

```
Fabric (boot) # load /installables/fabric/system_firmware_version
```
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