

Troubleshooting

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Replacing a Hardware Component on a Cisco UCS Manager Integrated C-Series Server

After you replace hardware with managed firmware component on a Cisco UCS Manager integrated C-Series server, the server may fail discovery. This could be due to a corrupt firmware on the hardware or incompatibility of the hardware component's firmware. Complete the following steps to ensure server does not fail discovery due to server firmware corruption or incompatibility after hardware replacement:

- ステップ1 Right-click Server -> Server Maintenance > Decommission Server to decommission the server.
- ステップ2 Disconnect the cables connecting the VICs to the FI (or FEX, if applicable).
- ステップ3 Remove the server from Cisco UCS Manager:
 - a) Choose Equipment -> Decommissioned .
 - b) Right-click on the server and click Remove.
- ステップ4 Reboot the server and perform a CIMC Reset to Factory Defaults.
- ステップ5 Connect a 1G cable to the MGMT port on the server and configure it for standalone access.
- ステップ6 Re-image all the server firmware to match the Cisco UCS Manager firmware bundle CIMC version with the server:
 - a) Download the Host Upgrade Utility (HUU) from Cisco's software download site for the CIMC version that corresponds to the host firmware package applied to this server in the Cisco UCS Manager.
 - b) Boot the server with the standalone KVM and run the HUU package.

For information about steps to upgrade the firmware, refer to the Host Utility Upgrade User Guide that corresponds to the HUU CIMC version that was downloaded in the previous step.

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- ステップ7 Reboot the server and perform a CIMC Reset to Factory Defaults.
- ステップ8 Unplug the power cables for 30 seconds.
- ステップ **9** Reconnect the uplink cables.
- ステップ **10** Connect the power cables and power on.
- ステップ 11 Verify if the server displays on the Cisco UCS Manager, this may take a few minutes.
- ステップ 12 After the server appears, re-acknowledge the server, if the rack server discovery policy is set to user acknowledge.