Firmware Upgrade Scenarios

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Scenario A: Upgrading Cisco UCS 6300 Series Fabric Interconnect with a Blade Server Chassis

Procedure

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 1</td>
<td>Install the Infrastructure firmware. Recommended Process for Upgrading Infrastructure Firmware Through Auto Install provides detailed information about installing infrastructure firmware.</td>
</tr>
<tr>
<td>Step 2</td>
<td>Connect the chassis.</td>
</tr>
<tr>
<td>Step 3</td>
<td>Configure the chassis discovery policy. The Configuring the Chassis/FEX Discovery Policy section in the Cisco UCS Manager Infrastructure Management Guide, Release 3.1 provides detailed steps for configuring the chassis discovery policy.</td>
</tr>
<tr>
<td>Step 4</td>
<td>Configure the server ports and wait for the chassis to be discovered. The IOM is upgraded automatically.</td>
</tr>
<tr>
<td>Step 5</td>
<td>Install server firmware:</td>
</tr>
<tr>
<td>Option</td>
<td>Description</td>
</tr>
<tr>
<td>Automatic Synchronization Server Policy</td>
<td>Firmware Automatic Synchronization provides more information about using the firmware auto sync server policy available in Cisco UCS manager to install server firmware.</td>
</tr>
</tbody>
</table>
Option | Description
--- | ---
If Firmware Auto-Sync Server Policy is set to **No Action**, use Auto Install to install server firmware.

Auto Install Server Firmware | Upgrading the Server Firmware with Auto Install provides detailed information about automatically installing server firmware. You can install server firmware for B-Series servers, and C-Series servers in parallel.

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**Scenario B: Upgrading Cisco UCS 6200 Series Fabric Interconnect with a Blade Server Chassis from Release 2.2 to Release 3.1**

**Procedure**

**Step 1**
Install the infrastructure firmware.

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**Recommended Process for Upgrading Infrastructure Firmware Through Auto Install**, provides detailed information about installing infrastructure firmware.

**Step 2**
Install server firmware.

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**Upgrading the Server Firmware with Auto Install**, provides detailed information about installing server firmware. You can install server firmware for B-Series servers, and C-Series servers in parallel.

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**Scenario C: Upgrading Cisco UCS 6324 Series Fabric Interconnect from Release 3.0 to Release 3.1**

**Procedure**

**Step 1**
Install the infrastructure firmware.

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**Recommended Process for Upgrading Infrastructure Firmware Through Auto Install**, provides detailed information about installing infrastructure firmware.

**Step 2**
Install server firmware.
Scenario D: Upgrading Cisco UCS 6324 Series Fabric Interconnect with a Secondary Chassis from Release 3.0 to Release 3.1

Procedure

Step 1  Install the infrastructure firmware without connecting the second chassis.

Recommended Process for Upgrading Infrastructure Firmware Through Auto Install, provides detailed information about installing infrastructure firmware.

Step 2  Connect the second Cisco UCS 5108 chassis.

Step 3  Configure the chassis discovery policy.

Step 4  Configure the server ports and wait for the second chassis to be discovered.

The IOM of the second chassis is upgraded automatically.

Step 5  Install server firmware.

Upgrading the Server Firmware with Auto Install, provides detailed information about installing server firmware. You can install server firmware for B-Series servers and C-Series servers in parallel.
Scenario D: Upgrading Cisco UCS 6324 Series Fabric Interconnect with a Secondary Chassis from Release 3.0 to Release 3.1