Removing the air baffle or midplane drive cage

> **△ CAUTION:** Do not detach the cable that connects the battery pack to the cache module. Detaching the cable causes any unsaved data in the cache module to be lost.

> **△ CAUTION:** For proper cooling, do not operate the server without the access panel, baffles, expansion slot covers, or blanks installed. If the server supports hot-plug components, minimize the amount of time the access panel is open.

Procedure

1. **Power down the server**.

2. Remove all power:

   a. Disconnect each power cord from the power source.

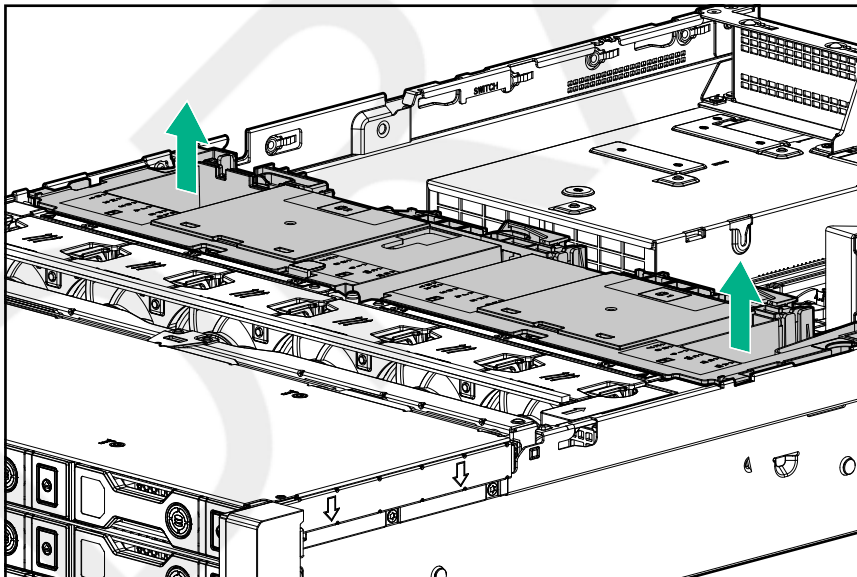   b. Disconnect each power cord from the server.

3. Do one of the following:

   - **Extend the server from the rack**.

   - **Remove the server from the rack**.

4. **Remove the access panel**.

5. Do one of the following:

   - Remove the air baffle.
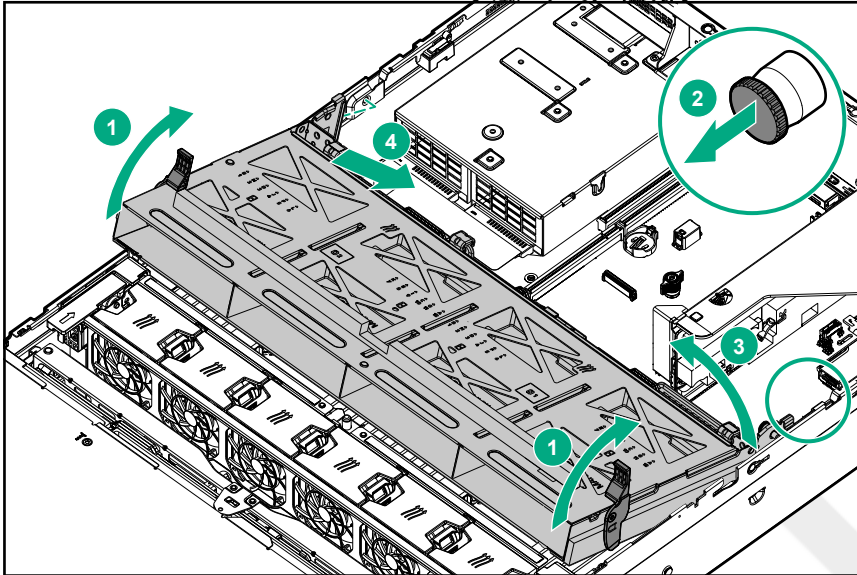

   - Remove the 4LFF midplane drive cage:

     a. Disconnect all cables.

     b. Remove all drives.

Be sure to note the location of each drive.

c. Remove the drive cage.

> **⚠ CAUTION:** Do not drop the drive cage on the system board. Dropping the drive cage on the system board might damage the system or components. Remove all drives and use two hands when installing or removing the drive cage.
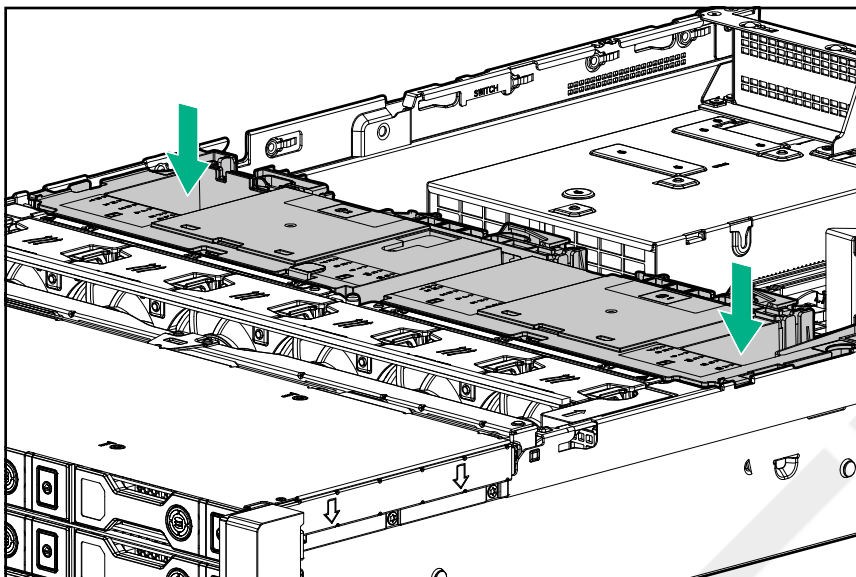

Installing the air baffle

Procedure

1. Observe the following alerts.

> **⚠ CAUTION:** For proper cooling, do not operate the server without the access panel, baffles, expansion slot covers, or blanks installed. If the server supports hot-plug components, minimize the amount of time the access panel is open.

> **⚠ CAUTION:** Do not detach the cable that connects the battery pack to the cache module. Detaching the cable causes any unsaved data in the cache module to be lost.
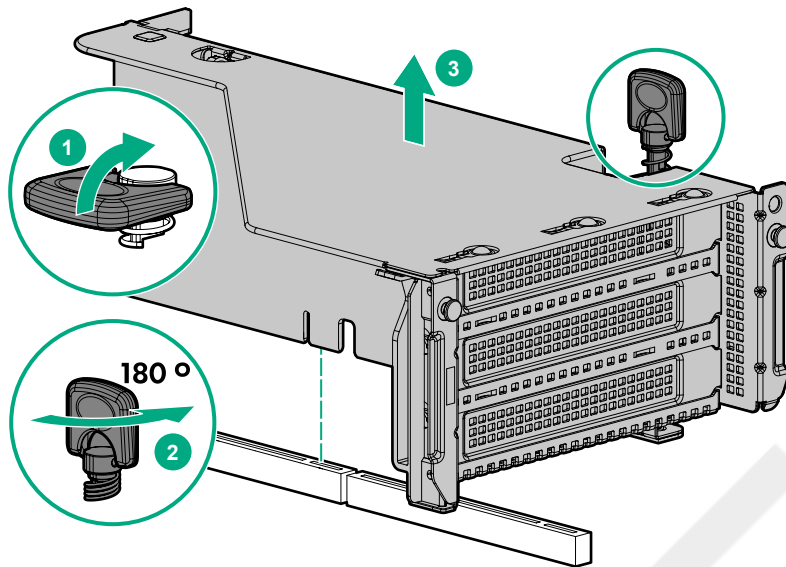
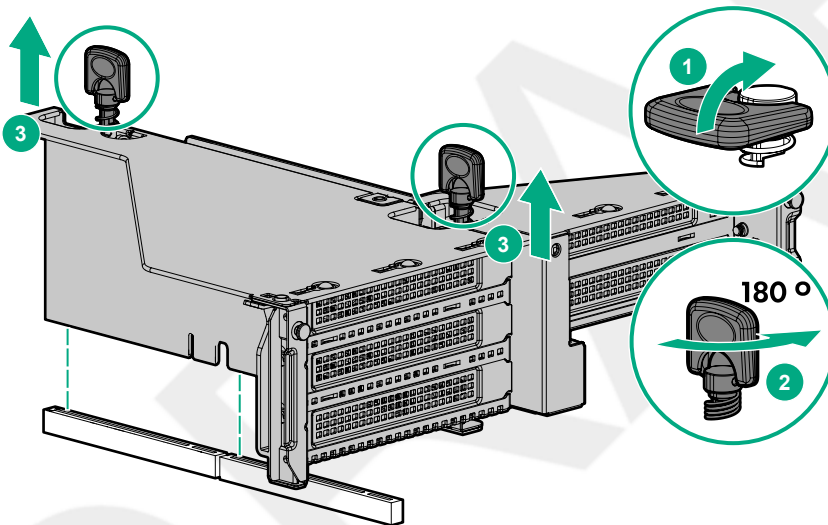2. Install the air baffle.

Removing a riser cage

⚠ **CAUTION:** To prevent damage to the server or expansion boards, power down the server and remove all AC power cords before removing or installing the PCI riser cage.

Procedure

1. **Power down the server**.

2. Remove all power:

    a. Disconnect each power cord from the power source.

    b. Disconnect each power cord from the server.

3. Do one of the following:

    • **Extend the server from the rack**.

    • **Remove the server from the rack**.

4. **Remove the access panel**.

5. Remove the riser cage:

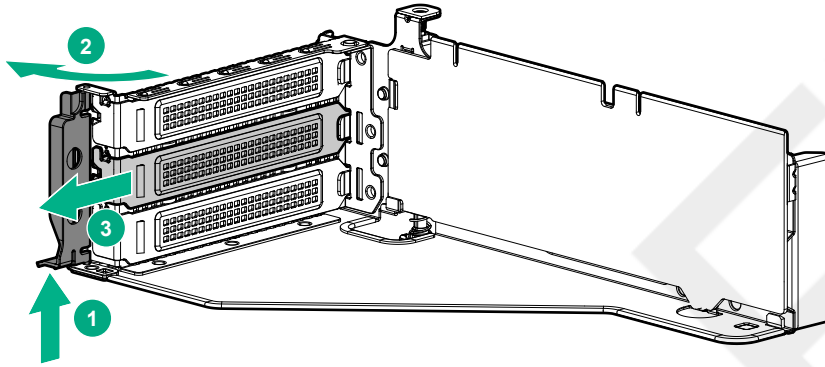   • Primary and secondary riser cages

- Tertiary riser cage

Removing a riser slot blank

⚠ **CAUTION:** To prevent improper cooling and thermal damage, do not operate the server unless all PCI slots have either an expansion slot cover or an expansion board installed.
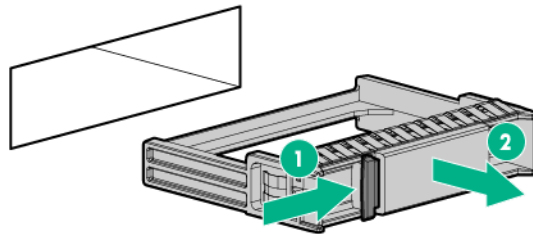
Procedure

1. **Power down the server**.

2. Remove all power:

   a. Disconnect each power cord from the power source.

   b. Disconnect each power cord from the server.

3. Do one of the following:

   - **Extend the server from the rack**.

   - **Remove the server from the rack**.

4. **Remove the access panel**.

5. **Remove the riser cage**.
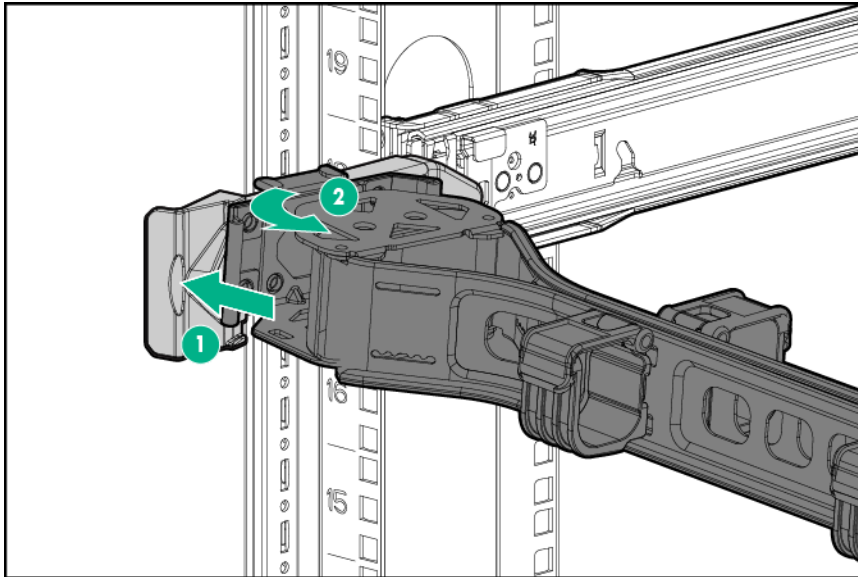
6. Remove the blank.

Removing the hard drive blank

Remove the component as indicated.

Release the cable management arm

Release the cable management arm and then swing the arm away from the rack.

Accessing the Systems Insight Display

The Systems Insight Display is supported only on SFF models.

Procedure

1. Press and release the panel.

2. After the display fully ejects, rotate the display to view the LEDs.