



# Intelligent Fabric Module (IFM), X-Fabric Module, and Active Fan Module Field Replaceable Unit Instructions

This appendix contains the following topics:

- [Cisco UCS 9108 25G IFM Field Replaceable Unit Replacement Instructions, on page 1](#)
- [Cisco UCS 9108 100G IFM Field Replaceable Unit Replacement Instructions, on page 2](#)
- [Cisco UCS 9508 Active Fan Module \(AFM\) Field Replaceable Unit Replacement Instructions, on page 2](#)
- [Cisco UCS X9416 X-Fabric Module Field Replaceable Unit Replacement Instructions, on page 3](#)

## Cisco UCS 9108 25G IFM Field Replaceable Unit Replacement Instructions

The rear of the Cisco UCS X9508 can contain a pair of UCS 9108 Intelligent Fabric Modules (IFMs), which come in either 25G or 100G speeds.

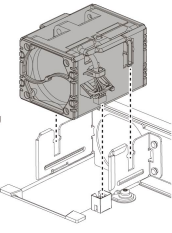
Refer to the following illustration for information about field-replacement options on the UCS 9108 25G IFM (UCSX-I-9108-25G).

**Figure 1: Cisco UCS 9108 25G IFMs (UCSX-I-9108-25G) Replacement Instructions**

Cisco UCS 9108 25G IFM Field Replaceable Unit Instructions
Replaceable Unit Identification M.2 M.2 Ca rd Fan Front Panel Icons System Status Fan Status IFM

**Replacing a Fan Module**

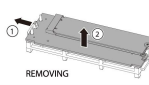
1. Remove fan by pulling on tabs on fan side walls
2. Align connector on replacement fan with connector on board
3. Align guides on fan side walls with cutouts on system cage
4. Push down on fan, ensuring it clicks into place



**Removing/Installing Mini Storage Module**

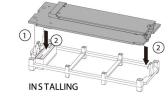
**REMOVING**

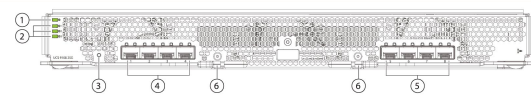
1. Pull out the holder clips to disengage the module.
2. Pull up on the storage module to remove it.



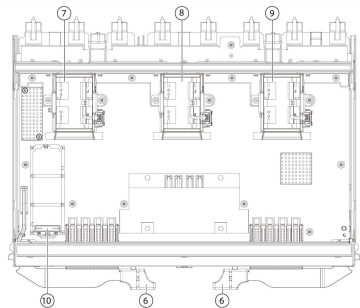
**INSTALLING**

1. Align the two holes on the module with the holder pins.
2. Push the module into the holder on both ends, making sure the holder clips snap in.





- ① Status LED
- ② Fan 1-3 Status LED
- ③ Reset Button
- ④ SFP28 Ports 1-4
- ⑤ SFP28 Ports 5-8
- ⑥ Ejector Handle
- ⑦ Fan 1
- ⑧ Fan 2
- ⑨ Fan 3
- ⑩ Mini Storage Connector



Caution: This equipment may be ESD sensitive. Always use an ESD ankle or wrist strap before handling equipment.

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# Cisco UCS 9108 100G IFM Field Replaceable Unit Replacement Instructions

The rear of the Cisco UCS X9508 contains a pair of UCS 9108 Intelligent Fabric Modules (IFMs), which come in either 25Gbps or 100Gbps speeds.

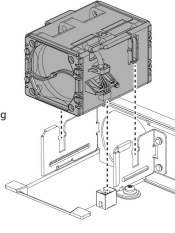
Refer to the following illustration for information about field-replacement options on the UCS 9108 100G IFM (UCSX-I-9108-100G).

Figure 2: Cisco UCS 9108 100G IFMs (UCSX-I-9108-100G) Replacement Instructions

Cisco UCS 9108 100G IFM Field Replaceable Unit Instructions
Replaceable Unit Identification M.2 M.2 Card Fan
Front Panel Icons System Status Fan Status IFM

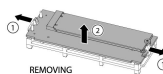
**Replacing a Fan Module**

1. Remove fan by pulling on tabs on fan side walls
2. Align connector on replacement fan with connector on board
3. Align guides on fan side walls with cutouts on system cage
4. Push down on fan, ensuring it clicks into place



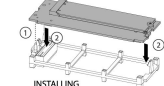
**Removing/Installing Mini Storage Module**

1. Pull out the holder clips to disengage the module.
2. Pull up on the storage module to remove it.

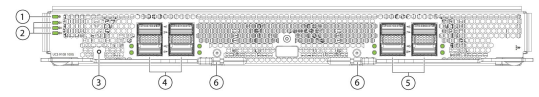


REMOVING

1. Align the two holes on the module with the holder pins.
2. Push the module into the holder on both ends, making sure the holder clips snap in.



INSTALLING



- ① Status LED
- ② Fan 1-3 Status LED
- ③ Reset Button
- ④ QSFP28 Ports 1-4
- ⑤ QSFP28 Ports 5-8
- ⑥ Ejector Handle
- ⑦ Fan 1
- ⑧ Fan 2
- ⑨ Fan 3
- ⑩ Mini Storage Connector

Caution: This equipment may be ESD sensitive. Always use an ESD ankle or wrist strap before handling equipment

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# Cisco UCS 9508 Active Fan Module (AFM) Field Replaceable Unit Replacement Instructions

The rear of the Cisco UCS X9508 chassis can contain a rear blank (UCS-9508-RBLK) that is an active fan module.

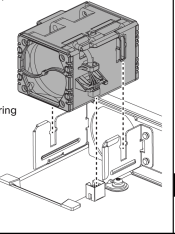
Refer to the relevant section below for the specific AFM installed in your system.

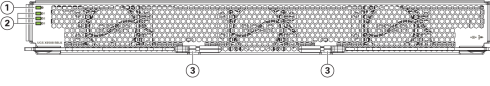
Figure 3: Cisco UCS 9508 Rear Blank (UCSX-9508-RBLK) Replacement Instructions

Cisco UCS 9508 Rear Blank Field Replaceable Unit Instructions
Replaceable Unit Identification Fan
Front Panel Icons System Status Fan Status IFM FEM

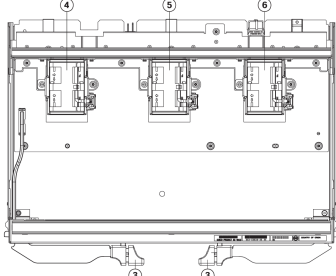
**Replacing a Fan Module**

1. Remove fan by pulling on tabs on fan side walls
2. Align connector on replacement fan with connector on board
3. Align guides on fan side walls with cutouts on system cage
4. Push down on fan, ensuring it clicks into place





- ① Status LED
- ② Fan 1-3 Status LED
- ③ Ejector Handle
- ④ Fan 1
- ⑤ Fan 2
- ⑥ Fan 3



**Important**

⚠ Cisco UCS 9508 Rear Blank must always be installed in all non-populated slots in rear of chassis

Caution: This equipment may be ESD sensitive. Always use an ESD ankle or wrist strap before handling equipment

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# Cisco UCS X9416 X-Fabric Module Field Replaceable Unit Replacement Instructions

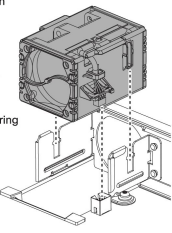
Refer to the following illustration for field-replacement instructions for the Cisco UCS X9416 X-Fabric Module (XFM).

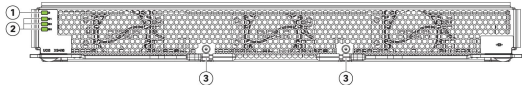
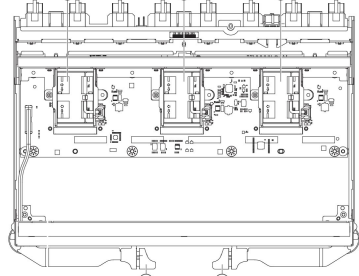
**Figure 4: Cisco UCS X9416 X-Fabric Module (UCSX-F-9416) Field Replacement Instructions**

Cisco UCS X9416 XFM Field Replaceable Unit Instructions
Replaceable Unit Identification Fan
Front Panel Icons System Status Fan Status XFM

### Replacing a Fan Module

1. Remove fan by pulling on tabs on fan side walls
2. Align connector on replacement fan with connector on board
3. Align guides on fan side walls with cutouts on system cage
4. Push down on fan, ensuring it clicks into place



- ① Status LED
- ② Fan 1-3 Status LED
- ③ Ejector Handle
- ④ Fan 1
- ⑤ Fan 2
- ⑥ Fan 3

Caution: This equipment may be ESD sensitive. Always use an ESD ankle or wrist strap before handling equipment

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