



Site Planning and Maintenance Records



Note For information about how to query the chassis for configuration information, see the *Cisco UCS Configuration Guide*.

This appendix includes the following records to use when installing the Cisco UCS X9508 server chassis:

- [Site Preparation Checklist, on page 1](#)
- [Contact and Site Information, on page 3](#)
- [Chassis and Module Information, on page 3](#)
- [FEX Port Connection Record, on page 4](#)
- [UCS 6548 Fabric Interconnect Port Connection Record, on page 5](#)

Site Preparation Checklist

Planning the location and layout of your equipment is essential for successful network operation, ventilation, and accessibility. Consider heat dissipation when sizing the air-conditioning requirements for an installation.

Table 1: Site Planning Checklist

| Task No. | Planning Activity | Verified By | Time | Date |
|----------|--|-------------|------|------|
| 1 | Space evaluation: <ul style="list-style-type: none">• Space and layout• Floor covering• Impact and vibration• Lighting• Maintenance access | | | |

| Task No. | Planning Activity | Verified By | Time | Date |
|----------|--|-------------|------|------|
| 2 | Environmental evaluation: <ul style="list-style-type: none"> • Ambient temperature • Humidity • Altitude • Atmospheric contamination • Air flow | | | |
| 3 | Power evaluation: <ul style="list-style-type: none"> • Input power type • Power receptacles • Receptacle proximity to the equipment • Dedicated circuit for power supply • Dedicated (separate) circuits for redundant power supplies • UPS for power failures | | | |
| 4 | Grounding evaluation: <ul style="list-style-type: none"> • Circuit breaker size • CO ground (AC- powered systems) | | | |
| 5 | Cable and interface equipment evaluation: <ul style="list-style-type: none"> • Cable type • Connector type • Cable distance limitations • Interface equipment (transceivers) | | | |
| 6 | EMI evaluation: <ul style="list-style-type: none"> • Distance limitations for signaling • Site wiring • RFI levels | | | |

¹ Verify that the power supply installed in the chassis has a dedicated AC source circuit.

² UPS: uninterruptible power supply.

³ EMI: electromagnetic interference.

⁴ RFI: radio frequency interference.

Contact and Site Information

Use the following worksheet to record contact and site information.

Table 2: Contact and Site Information

| | |
|----------------------|--|
| Contact person | |
| Contact phone | |
| Contact e-mail | |
| Building/site name | |
| Data center location | |
| Floor location | |
| Address (line 1) | |
| Address (line 2) | |
| City | |
| State | |
| Zip code | |
| Country | |

Chassis and Module Information

Use the following worksheets to record information about the server chassis and the modules it contains.

Contract Number _____

Chassis Serial Number _____

Product Number _____

Table 3: Device Information

| Device | Serial Number | Notes |
|----------------|---------------|-------|
| Compute Node-1 | | |
| Compute Node-2 | | |
| Compute Node-3 | | |
| Compute Node-4 | | |
| Compute Node-5 | | |

| Device | Serial Number | Notes |
|-----------------------------|---------------|-------|
| Compute Node-6 | | |
| Compute Node-7 | | |
| Compute Node-8 | | |
| Intelligent Fabric Module-1 | | |
| Intelligent Fabric Module-2 | | |



Note The serial numbers of all server chassis modules can be obtained using the Intersight management interface.

FEX Port Connection Record

Table 4: Chassis FEX to Fabric Interconnect Port Connection Record

| FEX | | Connected to | | | |
|--------|------|----------------------------|------|------|------------------|
| Number | Port | Fabric Interconnect A or B | Slot | Port | Connection notes |
| 1 | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 4 | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

| FEX | | Connected to | | | |
|--------|------|----------------------------|------|------|------------------|
| Number | Port | Fabric Interconnect A or B | Slot | Port | Connection notes |
| 2 | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 4 | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

UCS 6548 Fabric Interconnect Port Connection Record

Table 5: Port Connection Record

| Fabric Interconnect | | Connected to | | |
|---------------------|------|--------------|------|------------------|
| Number | Port | Slot | Port | Connection notes |
| 1 | 1 | | | |
| | 2 | | | |
| | 3 | | | |
| | 4 | | | |
| | 5 | | | |
| | 6 | | | |
| | 7 | | | |
| | 8 | | | |

| Fabric Interconnect | | Connected to | | |
|---------------------|------|--------------|------|------------------|
| Number | Port | Slot | Port | Connection notes |
| 2 | 1 | | | |
| | 2 | | | |
| | 3 | | | |
| | 4 | | | |
| | 5 | | | |
| | 6 | | | |
| | 7 | | | |
| | 8 | | | |