



Site Planning and Maintenance Records

This appendix contains the following topics:

- [Site Preparation Checklist, on page 1](#)
- [Contact and Site Information, on page 3](#)
- [Chassis and Module Information, on page 4](#)

Site Preparation Checklist

Planning the location and layout of your equipment is essential for successful system 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) | | | |

| Task No. | Planning Activity | Verified By | Time | Date |
|----------|--|-------------|------|------|
| 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 chassis and modules.

Contract Number _____

Chassis Serial Number _____

Product Number _____

Table 3: Network-Related Information

| | |
|------------------------|--|
| System IP address | |
| System IP netmask | |
| Hostname | |
| Domain name | |
| IP broadcast address | |
| Gateway/router address | |
| DNS address | |
| Modem telephone number | |

Table 4: Module Information

| Slot | Module Type | Module Serial Number | Notes |
|------|-------------|----------------------|-------|
| 1 | Fixed | | |

Table 5: Fabric Interconnect Port Connection Record

| Fabric Interconnect A or B | | Connected to | | | | | |
|----------------------------|------|--------------|-----|------|----------------------|--------------------|------------------|
| Slot | Port | Chassis | FEX | Port | LAN or SAN Pin Group | Port Channel Group | Connection Notes |
| 1 | 1 | | | | | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | | | | | | |
| | 5 | | | | | | |
| | 6 | | | | | | |
| | 7 | | | | | | |
| | 8 | | | | | | |
| | 9 | | | | | | |
| | 10 | | | | | | |
| | 11 | | | | | | |
| | 12 | | | | | | |
| | 13 | | | | | | |
| | 14 | | | | | | |
| | 15 | | | | | | |
| | 16 | | | | | | |
| | 17 | | | | | | |
| | 18 | | | | | | |
| | 19 | | | | | | |
| | 20 | | | | | | |
| | 21 | | | | | | |
| | 22 | | | | | | |
| | 23 | | | | | | |
| | 24 | | | | | | |
| | 25 | | | | | | |

| Fabric Interconnect A or B | | Connected to | | | | | |
|----------------------------|------|--------------|-----|------|----------------------|--------------------|------------------|
| Slot | Port | Chassis | FEX | Port | LAN or SAN Pin Group | Port Channel Group | Connection Notes |
| | 26 | | | | | | |
| | 27 | | | | | | |
| | 28 | | | | | | |
| | 29 | | | | | | |
| | 30 | | | | | | |
| | 31 | | | | | | |
| | 32 | | | | | | |
| | 33 | | | | | | |
| | 34 | | | | | | |
| | 35 | | | | | | |
| | 36 | | | | | | |