

Site Planning and Maintenance Records

- Site Preparation Checklist, on page 1
- Contact and Site Information, on page 2
- Chassis and Module Information, on page 3

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: • Space and layout • Floor covering • Impact and vibration • Lighting • Maintenance access			
2	Environmental evaluation: • Ambient temperature • Humidity • Altitude • Atmospheric contamination • Air flow			

Task No.	Planning Activity	Verified By	Time	Date
3	Power evaluation: • 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: • Circuit breaker size • CO ground (AC- powered systems)			
5	Cable and interface equipment evaluation: • Cable type • Connector type • Cable distance limitations • Interface equipment (transceivers)			
6	EMI evaluation: • 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		
2	Expansion		

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						

Fabric Interconnect A or B		Connected to					
Slot	**Port**	**Chassis**	**FEX**	**Port**	**LAN or SAN Pin Group**	**Port Channel Group**	**Connection Notes**
	25						
	26						
	27						
	28						
	29						
	30						
	31						
	32						
2	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						