Site Preparation and Maintenance Records

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Site Preparation Checklist

Planning the location and layout of your equipment rack or cabinet is essential for successful switch operation, ventilation, and accessibility.

The following table lists the site planning tasks that we recommend that you complete before you install the switch. Your completion of each task ensures a successful switch installation.

Table 1: Site Preparation Checklist

Planning Activity	Verification Time and Date
Space evaluation:	
Space and layout	
Floor covering	
Impact and vibration	
Lighting	
Physical access	
Maintenance access	
Environmental evaluation:	

Planning Activity	Verification Time and Date
Ambient temperature	
Humidity	
Altitude	
Atmospheric contamination	
Airflow	
Power evaluation:	
Input power type	
Power receptacles	
Receptacle proximity to the equipment	
Dedicated (separate) circuits for power redundancy	
UPS for power failures	
Grounding: proper wire gauge and lugs	
Circuit breaker size	
Grounding evaluation:	
Data center ground	
Cable and interface equipment evaluation:	
Cable type	
Connector type	
Cable distance limitations	
Interface equipment (transceivers)	
EMI evaluation:	

Planning Activity	Verification Time and Date
Distance limitations for signaling	
Site wiring	
RFI levels	

Contact and Site Information

Use the following worksheet to record contact and site information for the installation.

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

Chassis and Module Information

Use the following three worksheets to record information about the chassis and modules.

Table 2: Switch Information

Contract number	
Chassis serial number	
Product number	

Table 3: Network-Related Information

Switch IP address	
Switch IP netmask	
Hostname	
Domain name	
IP broadcast address	
Gateway/router address	
DNS address	

Table 4: Module Information for the Switch Chassis

Slot	Module Type	Module Serial Number	Notes
Power supply 1 (left)			
Power supply 2 (right)			
Fan module 1 (left)			
Fan module 2 (center left)			
Fan module 3 (center right)			
Fan module 4 (right)			