Site Preparation and Maintenance Records

This appendix includes the following sections:

Contact and Site Information Checklist

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

This table lists the site planning tasks that we recommend that you complete before you install the Cisco UCS equipment. Your completion of each task ensures a successful installation.

Table 1: Site Identification and Contact Checklist

Planning Activity	Verification Time and Date
Customer name	
Site location/name	
Site address	
Site shipping address	

Planning Activity	Verification Time and Date
Site/installation contact	Name Title Telephone Mobile telephone Off-hours telephone FAX Pager E-mail
Technical contact (if different from above contact)	Name Title Telephone Mobile telephone Off-hours telephone FAX Pager E-mail
What are the hours of operation?	
Are there any unique building and room access procedures? For example, “Visiting personnel must request access 48 hours in advance, must have photo ID bearing company name, and must be escorted by Customer personnel.”	
Is this a union shop? **List any special requirements?** For example, “Must install or apply power during weekend.”	Yes No What are the requirements?
Are there any special security or safety procedures? For example, “Must wear safety glasses” or “Must wear safety shoes and hard hat.”	What are the special procedures?
What is the location of the rack where the system will be installed?	Floor: Room: Location in room:

Environmental Checklist

Use this checklist to record environmental information for the installation site.

Table 2: Environmental Checklist

Is there sufficient air flow for cooling the system?	Yes No
What type of floor covering is used?	Hard surface Other (describe)
Is the floor covering antistatic?	Yes No
Will the floor need to be protected during installation?	Yes No
Is there enough space in the rack to store this system? (at least 14 RU)	Yes No
Will cables be routed under the floor or overhead?	Under the floor Overhead Other (describe)
Is there sufficient space for equipment or rack access from the front and rear when it is in its final position?	Yes No
What is the agreed upon plan to rectify any outstanding environmental points? Include any notes needed by the implementation team.	

Power Checklist

Use this checklist to record information about the power setup and requirements.

Table 3: Power Checklist

1	**Is the correct AC or DC power source available for the blade server chassis?** • Are there one to four power drops provided to power each power supply unit (one power drop per power supply unit)?	Yes No Yes No
2	**Is the correct AC or DC power source available for the fabric interconnect?** • Are two power drops provided to power both power supply units?	Yes No Yes No

3	**Have the appropriate power cables been ordered for the server chassis?**	Yes No
4	**Have the appropriate power cables been ordered for the fabric interconnect power supply units?**	Yes No
5	**Are the power receptacles positioned so that all of the power cables can connect the server chassis and fabric interconnects to AC power?**	Yes No How far are the receptacles from the power supply units?
6	**Any restrictions as to when you can power up the Cisco equipment?**	Yes No Details:
7	**Has a DC shutoff switch with appropriate ratings been ordered for all required DC circuits?**	Yes No Details:
8	**What is the agreed upon plan to rectify the outstanding power issues?** Include any notes needed by the implementation team.	

LAN Connectivity Checklist

Use this checklist to record information about LAN connectivity.

Table 4: LAN Connectivity Checklist

1	**Network switch for the UCS system to connect to.** **Note** 10 Gbps Ethernet connection is required.	
2	**Are the required 10 Gbps Ethernet optics available on the customer upstream network equipment to connect to the UCS system?** (For example: “X2 optics on Catalyst 6000” or “SFP+ optics on Cisco Nexus 7000”)	Yes No If yes, state the model or type.
3	**Are cables available to connect the UCS Fabric Interconnect to the upstream 10 Gbps Ethernet network ports?** (For example, “SMF”)	Yes No If yes, state the type.
4	**What is the agreed upon plan to rectify the outstanding LAN connectivity issues?** Include any notes needed by the implementation team.	

SAN Connectivity Checklist

Table 5: SAN Connectivity Checklist

1	**SAN switch that the UCS system will connect to.**	Make and model: Software version:
2	**SAN array that the UCS system will connect to.**	SAN array: Software version:
3	**Are the required optics available on the customer's SAN switch to provide FC connectivity to the UCS Fabric Interconnect?**	Yes No
4	**Are the required cables available to connect the customer's SAN switch to the UCS system?** For example, "UCS Fabric Interconnect FC optic is SFP-10G-SR."	Yes No If yes, what are the length, type (fiber or copper), and quantity?
5	**What is the agreed upon plan to rectify the outstanding SAN connectivity issues?** Include any notes needed by the implementation team.	

Port Connection Record

Use this checklist to record information about the cabling between fabric interconnects and chassis'.

Table 6: Fabric Interconnect Port Connection Record

Fabric Interconnect A or B		Connected to					
Slot	**Port**	**Chassis**	**I/OM**	**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						

Fabric Interconnect A or B		Connected to					
Slot	**Port**	**Chassis**	**I/OM**	**Port**	**LAN or SAN Pin Group**	**Port Channel Group**	**Connection Notes**
	22						
	23						
	24						
	25						
	26						
	27						
	28						
	29						
	30						
	31						
	32						

Fabric Interconnect A or B		Connected to					
Slot	**Port**	**Chassis**	**I/OM**	**Port**	**LAN or SAN Pin Group**	**Port Channel Group**	**Connection Notes**
2	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						