



Configuration Worksheets

This appendix includes checklists, instructions, examples, and blank worksheets used for the initial installation and subsequent maintenance of the Cisco 6400 carrier-class broadband aggregator. The checklists, worksheets, and site log provide reference and history information that can be useful when you are troubleshooting the Cisco 6400.

This appendix includes the following items:

- [Cisco 6400 Installation Checklist, page B-2](#)
- [Cisco 6400 Component Checklist, page B-3](#)
- [Port Configuration Worksheet, page B-4](#)
- [Site Log, page B-5](#)
- [Quick Installation Worksheet, page B-6](#)

Make copies of the worksheets provided here. Complete them and keep them for future reference.

Cisco 6400 Installation Checklist

Use the Cisco 6400 Installation Checklist provided here to verify that you have all the information you need to install and configure the Cisco 6400, and that all the components are installed and operating correctly. Each task in the Cisco 6400 installation checklist should be verified by the person performing the installation and then dated for the permanent site record.

Task	Verified By	Date
Date Cisco 6400 was received		
System and all components are unpacked		
Accessories verified		
Chassis components verified		
Safety recommendations reviewed		
Cisco 6400 Installation Checklist copied		
Site log copied and information entered		
Site power voltages verified		
Site environmental specs verified		
IP address assigned		
Required tools available		
Network connection equipment available		
System mounted in rack		
NSP installed and operational		
PEM installed and operational		
All ejector levers checked		
Captive installation screws on cards and PEMs tightened		
Interface cables and devices connected		
Node attached to console port		
System boot successful		
Redundant NSP card installed and operational (optional)		
NRP card installed and operational (optional)		
OC-3C NLC installed and operational (optional)		

Cisco 6400 Component Checklist

Use the Cisco 6400 component checklist to verify that all hardware accessories and documentation needed have been received before you begin the installation process.

Each component in the Cisco 6400 component checklist should be verified by the person unpacking the equipment and kept for the permanent site record.

Component	Description	Received
Chassis	Switch chassis	
Accessories Box		
Power cables	One power cable for each PEM received (may be shipped separately)	
Other optional equipment	Additional cards ordered	
	Ethernet transceiver	
Documentation	Unpacking Instructions	
	<i>Cisco 6400 Hardware Installation and Maintenance Guide</i>	
	<i>Cisco 6400 Site Planning Guide</i>	
	<i>Regulatory Compliance and Safety Information for the Cisco 6400</i>	
	Software license agreement	
System Components		
Node switch processor (NSP) card	Individually boxed	
PEM	Individually boxed	
Other equipment		

Port Configuration Worksheet

Use the port configuration worksheet during the software configuration process. The person configuring the system should keep the worksheet for the permanent site record.

System Name: _____

IP Address: _____

Location: _____

Serial Number: _____

Slot/Subslot	Port Number	Card Type	Name	Speed
Slot A		NSP		
Slot B				
Slot 1/Subslot 0	0			
	1			
Slot 1/Subslot 1	0			
	1			
Slot 2/Subslot 0	0			
	1			
Slot 2/Subslot 1	0			
	1			
Slot 3/Subslot 0	0			
	1			
Slot 3/Subslot 1	0			
	1			
Slot 4/Subslot 0	0			
	1			
Slot 4/Subslot 1	0			
	1			
Slot 5/Subslot 0	0			
	1			
Slot 5/Subslot 1	0			
	1			
Slot 6/Subslot 0	0			
	1			
Slot 6/Subslot 1	0			
	1			
Slot 7/Subslot 0	0			
	1			

Slot/Subslot	Port Number	Card Type	Name	Speed
Slot 7/Subslot 1	0			
	1			
Slot 8/Subslot 0	0			
	1			
Slot 8/Subslot 1	0			
	1			

Site Log

Use the site log for Cisco 6400 maintenance. A detailed description of actions performed and symptoms observed should be completed by the person performing the maintenance and kept as part of the permanent site record.

Date	Description of Action Performed or Symptom Observed	Initials

Quick Installation Worksheet

The installation and configuration of the Cisco 6400 can be separated into specific steps. If you complete each step described in the quick installation worksheet, following the instructions provided in this publication, Cisco 6400 installation should be successful. If the Cisco 6400 does not function properly at the first attempt, you can use the worksheet to systematically check that each step was performed correctly.

Copy the quick installation worksheet and initial each procedure as it is completed. Each task in the worksheet should be verified by the person performing the installation and dated for the permanent site record.

Task	Completed	Date
Complete switch installation checklist		
Complete switch component checklist		
Complete port configuration worksheets		
Rack-mount the switch		
Connect cables		
Connect power cables		
Switch power on		
Configure IP address (optional)		
Configure ATM address (optional)		
Configure line [aux/console]		
Configure SNMP		
Set clock (optional)		
Test the configuration		
Store configuration		