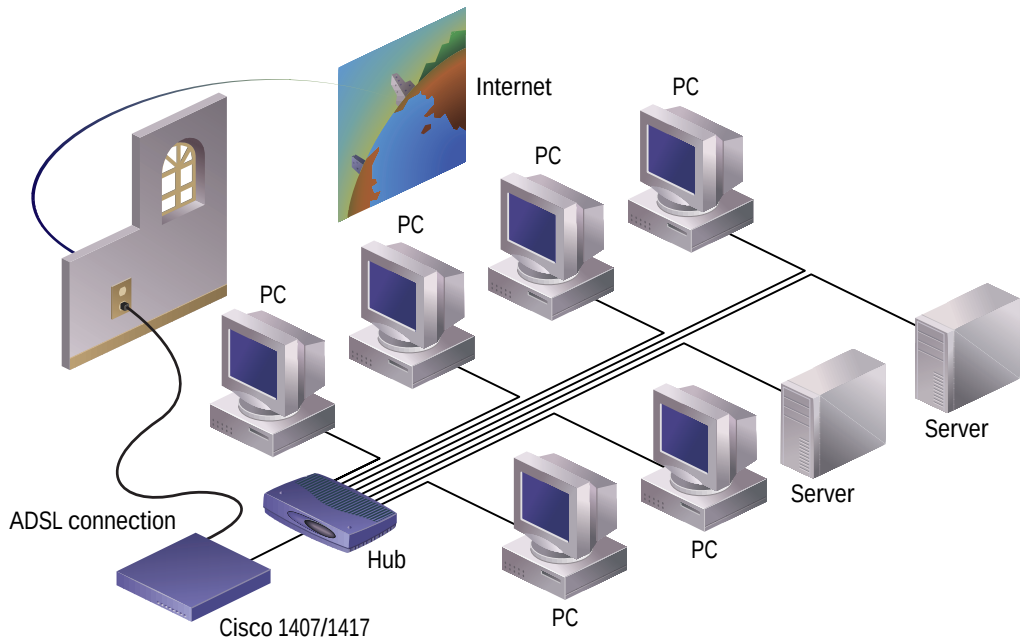


Quick Start Guide

INSTALLING YOUR CISCO 1417 ROUTER



1

UNPACK THE BOX

2

INSTALL THE ROUTER

3

VERIFY YOUR INSTALLATION

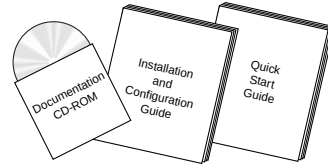


1 Unpack the Box

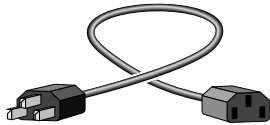
When you unpack the box that contains your Cisco 1417 router, you should find the items shown below. If you did not receive everything shown here, contact your Cisco reseller.



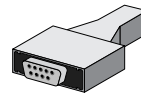
Router



Product documentation



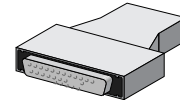
Power cord (black)



DB-9 to RJ-45 console adapter (gray)



Console cable
(blue, RJ-45 to RJ-45)



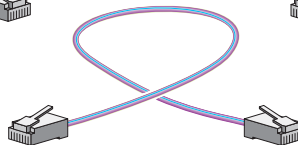
DB-25 to RJ-45 console adapter (gray)



Ethernet cable
(yellow, RJ-45 to RJ-45)



ADSL cable
(purple, RJ-11 to RJ-11)



POTS crossover cable (if ordered)
(purple with blue stripe, RJ-11 to RJ-11)

17498

Items You Must Provide

- 10BaseT Ethernet hub or switch to connect the router to the local network.
- POTS splitter for optimal router performance when using a phone on the same ADSL line as the router.
- Microfilter(s), if needed for improving phone call quality.

If you are not sure when to use POTS splitters and microfilters, read the “Installation” chapter of the hardware installation guide that came with your router. If you are not sure what type of splitter or microfilter to use, contact your ISP or your Cisco reseller.

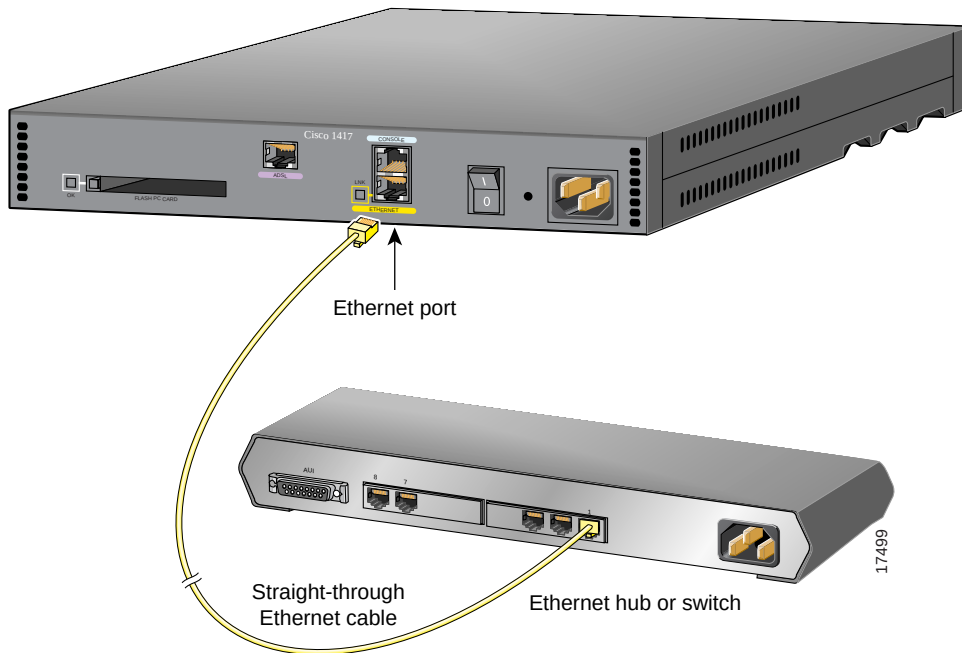
2 Install the Router

A. Connect the router to the local network

Use the included yellow Ethernet cable for connecting the router to the local Ethernet network. For more information on this cable, refer to the “Cabling Specifications” chapter in the hardware installation guide that came with the router.

Step 1 Connect one end of the yellow Ethernet cable to the yellow ETHERNET port.

Step 2 Connect the other end to a port on the Ethernet hub or switch.



2 Install the Router (continued)

B. Connect the router to the ADSL line

Use the included purple ADSL cable for connecting the router to the ADSL line.

Step 1 Connect one end of the purple cable to the purple ADSL port on the router.

Step 2 Connect the other end of the purple cable to the ADSL wall jack.

Note: If you are connecting the router to a POTS splitter that uses data port pins 3 and 4 for data, you should use the purple cable with the blue stripe. If you are not sure about what type of POTS splitter to use, contact your ADSL service provider or your Cisco reseller.

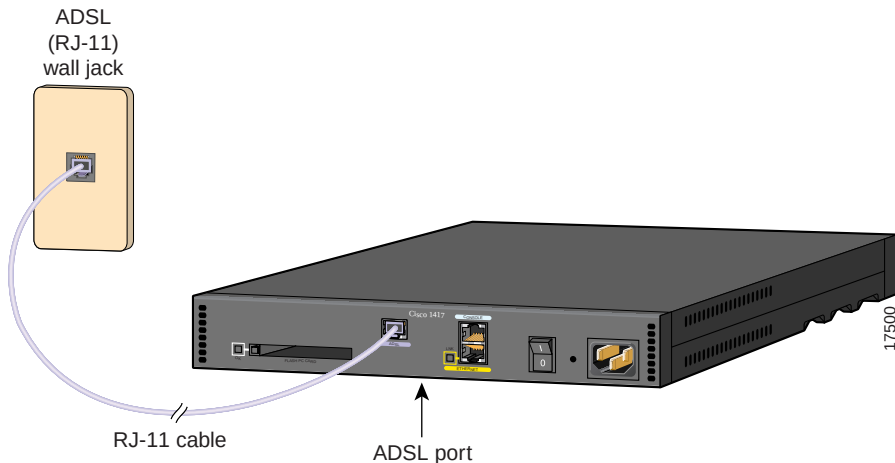
Step 3 Either install a POTS splitter, or confirm that your service provider installed a POTS splitter. If you are not sure about what type of POTS splitter to use, contact your ADSL service provider or your Cisco reseller.

Step 4 Install microfilters if you need them for optimal telephone call quality.

Note: Refer to the “Using POTS Splitters and Microfilters” section in the “Installation” chapter of the installation and configuration guide for information on when to use POTS splitters and microfilters.



Caution Always connect the purple ADSL cable to the purple ADSL port. Do not connect the cable to the Ethernet port or to the console port. This will damage your router.



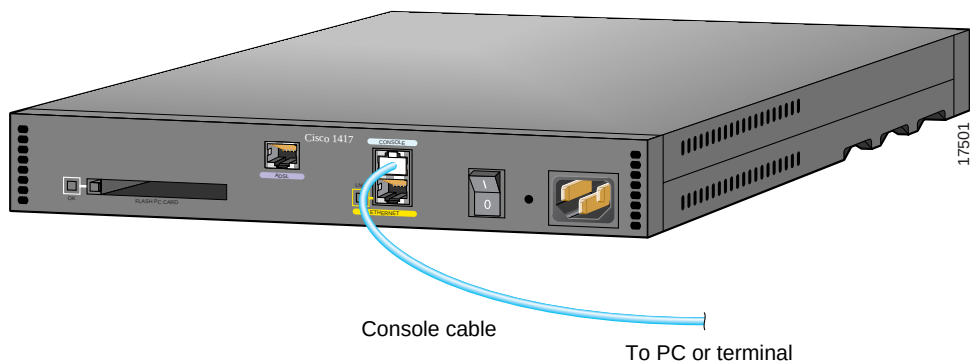
2 Install the Router (continued)

C. Connect a PC to the router

To use Cisco IOS software to configure the router, it must be connected to a terminal or to a PC with terminal-emulation software. Terminal-emulation software should be configured with the following settings: 9600 baud, 8 data bits, no parity bits, and 1 stop bit.

Take the following steps to connect the router to one of these devices:

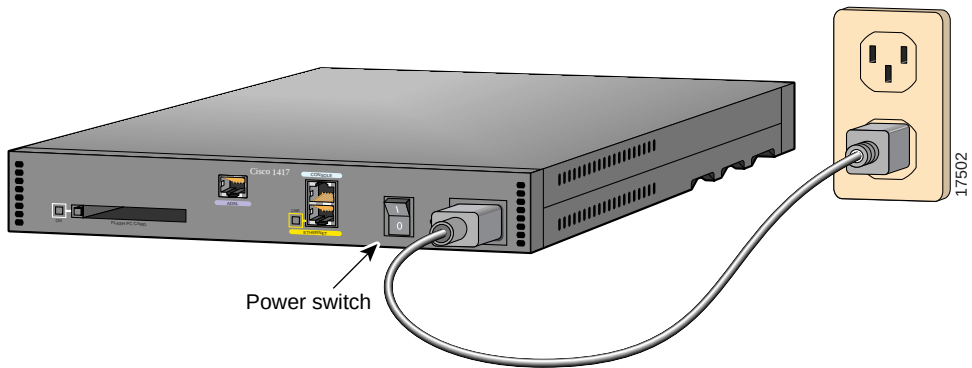
- Step 1** Connect one end of the blue console cable (included) to the CONSOLE port on the router rear panel.
- Step 2** Depending on the console port connector (DB-25 or DB-9) on your terminal or PC, connect one of the gray adapters (included) to the other end of the console cable.
- Step 3** Connect the gray adapter to the DB-25 or DB-9 connector on your terminal or PC.



2 Install the Router (continued)

D. Connect the power cord

- Step 1** Connect the power-supply cord to the power socket on the rear panel.
- Step 2** Connect the other end of the cord to a power outlet.
- Step 3** Turn on the router by pressing the power switch to the on (|) position.
- Step 4** Confirm that the router has power by checking that the PWR LED on the front panel is on.



3 Verify Your Installation.

After the router is powered up, the following LEDs confirm that you have correctly installed your router.

LED	Location	What to Look for
PWR	Front	On when power is being supplied to the router.
OK	Front	• One blink per second when the router is in ROM monitor mode. • Several blinks per second when the router is running the boot image in ROM monitor. • On steady when the Cisco IOS software is loaded and functional.
LNK	Rear	On when the router is correctly connected to the local Ethernet network through the ETHERNET port.
WAN CARRIER	Front	On when the router has synchronized with the DSL access multiplexer (DSLAM) at the service provider office.
ETHERNET ACT	Front	Blinking when there is network traffic on the Ethernet LAN.
OK	Rear	On when the Flash PC card is correctly installed in the router. If this LED is off, refer to the installation and configuration guide that came with your router for instructions on how to reinstall the Flash PC card.

For More Information

For more information about installing or configuring your Cisco 1417 router, refer to the following sources:

- *Cisco 1400 Series Router Installation and Configuration Guide* (in the accessory kit).
- The Cisco Connection Online card in the accessory kit, which lists telephone numbers, e-mail addresses, and URLs for getting information directly from Cisco Systems.



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