

Chapter 6 Solutions

Review Questions

- From which of the following prompts can you change the enable secret password?
a. router(config)#
b. router#
c. router>
d. router(config)>
- If you type “show ?” at the router> prompt, what is the result of the command?
a. You will see a list of usable show commands at the user mode prompt.
b. You will see a list of connected users.
c. You will see the current mode displayed.
d. You will see the configuration register settings.
- If you need to abort a command in the middle of execution, which key sequence will you press simultaneously?
a. Ctrl+Esc
b. Ctrl+X
c. Ctrl+Shift+6
d. Ctrl+Alt+Del
- Which of the following commands will allow you to type a banner for your router?
a. router(config-if)# banner message \$
b. router(config)# banner motd @
c. router(config)# banner msg #
d. router# banner config !
e. router# banner motd #
- By default, which of the router’s components stores configuration files set up by the administrator?
a. ROM
b. Flash
c. IOS
d. NVRAM
- If you are in global configuration mode, which router prompt will you see?
a. global#
b. router(config)#
c. router(config-if)#
d. router#
e. router(config-gl)#
- By default (during normal boot operations), where does the router look first for a working version of the Cisco IOS?
a. NVRAM
b. TFTP
c. Flash
d. ROM
- What three commands can be used in privileged EXEC mode to alter the router configuration?
a. setup, erase, and copy
b. enable, setup, and tftp
c. setup, show version, and show buffers
d. erase, copy, and show run
- ROM in a router is nothing like ROM in a PC. True or **False** ?
- Which of the following are routing protocols? (Choose all that apply.)

- a. **RIP**
 - b. **IGRP**
 - c. IP route
 - d. Cisco IOS
 - e. TCP
11. From which of the following prompts can you modify the terminal VTY password?
- a. **router(config-line)#**
 - b. router#
 - c. router>
 - d. router(config)>
12. What does VTY 1 stand for?
- a. The first virtual Y connector
 - b. **Virtual terminal one**
 - c. Virtual test connection yes on 1
 - d. vmodem terminal 1
13. How do network administrators access a VTY?
- a. ftp
 - b. smtp
 - c. **telnet**
 - d. http
14. If, after connecting to the router via HyperTerminal, you see only illegible characters in the terminal window, what should you try?
- a. **Adjust the baud rate.**
 - b. Change connectors.
 - c. Use a telnet session.
 - d. Turn on parity.
15. If you enter a VTY password during the automated setup routine, to which VTY will it apply? (Choose all that apply.)
- a. **VTY 0**
 - b. **VTY 1**
 - c. **VTY 2**
 - d. **VTY 3**
 - e. **VTY 4**
16. What are the two different levels of setup when using the system configuration dialog?
- a. Initial and basic
 - b. Enable and enable secret
 - c. **Basic and extended**
 - d. None of the above
17. How do you save your changes to the configuration file to NVRAM?
- a. copy start run
 - b. **copy run start**
 - c. copy start flash
 - d. copy run flash
18. From the router# prompt and the terminal, what must you type to enter global configuration mode?
- a. CON 0
 - b. term gf
 - c. **conf t**
 - d. global conf
19. If you are at the router(config-if)# prompt and you press the Ctrl+Z keys simultaneously, which prompt will you see next?

- a. router>
 - b. router#**
 - c. router(config)#
 - d. Press Return to continue
20. Which of the following commands will allow you to enter privileged EXEC mode from the router> prompt? (Choose all that apply.)
- a. en**
 - b. ena**
 - c. enable**
 - d. enab**
 - e. enabl**
21. What does the sh ru command show you?
- a. Remote users
 - b. Running configuration**
 - c. Startup configuration
 - d. Remote boot procedure
22. Which password can be used instead of the enable password?
- a. VTY 0
 - b. console
 - c. AUX
 - d. enable secret**
 - e. login
23. Which password is encrypted by default?
- a. login
 - b. MD5
 - c. enable
 - d. enable secret**
 - e. console
 - f. VTY 0
24. If no host name has been configured on a 1900 series switch, which of the following illustrates how the prompt will display in global configuration mode?
- a. router(config)#
 - b. switch(config)#
 - c. (config)#**
 - d. (switch)#
25. Which of the following best describes the operating system of the Cisco 1900 series switch?
- a. Set-based
 - b. IOS-based**
 - c. Switch-based
 - d. IP-based