



Exam : CISCO 640-802

Title : CCNA 2 Final Test

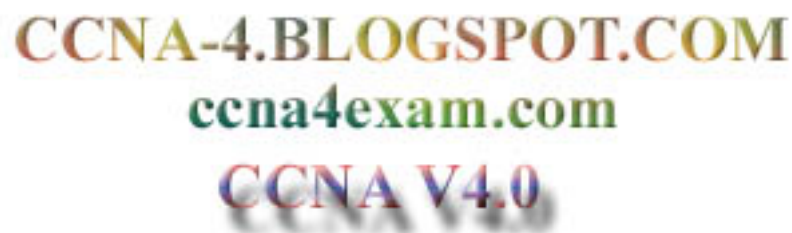
Ver : version2.00 05-25-2008

We can not guarantee the correct answer

English:

Big5 :

GB :



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1 What are some reasons to change the configuration register setting? (Choose two.)

to force the system to ignore the configuration file stored in NVRAM

to monitor password changes

to change the POST sequence

to force the router to boot the IOS from NVRAM

to force the system into ROM monitor mode

2 Given the output shown in the exhibit, in what order and location will the router search for the IOS if no boot system commands are found in the startup-config file?

ROM, Flash, TFTP server

Flash, NVRAM, RAM

ROM, TFTP server, Flash

RAM, Flash, NVRAM

\*\*\* Flash, TFTP server, ROM

3 Which statements are true regarding setup mode? (Choose three.)

Press Ctrl-z to terminate setup mode.

\*\*\* Enter a question mark (?) for help at any point.

Press Spacebar to accept the default settings.

Use setup mode to enter complex protocol features.

\*\*\* Press Enter to accept the default settings.

\*\*\* Press Ctrl-c to abort configuration dialog.

4 What are two possible reasons for this result? (Choose two.)

The startup-config file was not saved to RAM before reboot.

The IOS has been erased.

\*\*\* The router has not been configured.

\*\*\* The startup-config file cannot be located.

The router will not enter initial configuration dialog.

5 A new technician must add boot system commands to one of the department routers.

Which available commands will the router return as output when the command shown below is entered? (Choose two.)

Router(config)# boot system ?

RAM

NVRAM

IOS

IP Address

\*\*\* TFTP

\*\*\* FLASH

6 Router A and Router B have been correctly configured to use RIP as a dynamic routing protocol and all interfaces on Router A and Router B are reporting "interface is up, line protocol is up" status. RIP is then configured on Router C using the following commands:

```
RouterC(config)# router rip
```

```
RouterC(config-router)# network 192.168.4.0
```

```
RouterC(config-router)# network 172.16.0.0
```

If no additional routing is configured on Router A, Router B, and Router C, what will be the result?

Networks 192.168.12.0/24, 192.168.4.0/24, and 172.16.0.0/16 will be unreachable for

om Router A.

Router A will have no knowledge of network 192.168.12.0/24, but will have routes to networks 192.168.4.0/24 and 172.16.0.0/16.

All networks shown in the graphic will be reachable by Router A, Router B, and Router C.

\*\*\* Networks 192.168.4.0/24 and 172.16.0.0/16 will be unreachable from Router A and Router B.

7 The Suffolk router is directly connected to the networks shown in the graphic and has a default route that points to the Richmond router. All interfaces are active and properly addressed. However, when the workstation on network 172.29.5.0/24 sends a packet to destination address 172.29.198.5, it is discarded by the Suffolk router. What can be a reason for this result?

The ip classless command is not enabled on the Richmond router.

The route was ignored if the Richmond router did not include the 172.29.198.0/24 network in its routing updates.

The Richmond router is in a different autonomous system than the Suffolk router.

The ip subnet-zero command was not configured on the Suffolk router.

\*\*\* The ip classless command is not enabled on the Suffolk router.

8 A network administrator has enabled RIP on routers B and C in the network diagram. Which of the following commands will prevent RIP updates from being sent to Router

A?

A(config)# router rip

A(config-router)# passive-interface S0/0

B(config)# router rip

B(config-router)# network 192.168.25.48

B(config-router)# network 192.168.25.64

A(config)# router rip

A(config-router)# no network 192.168.25.32

\*\*\* B(config)# router rip

\*\*\* B(config-router)# passive-interface S0/0

A(config)# no router rip

9 Which router component stores the information that is displayed by the show running-config command?

flash

NVRAM

\*\*\* RAM

ROM

10 If a PC does not have network connectivity to a router, which router port can be used to establish communication?

\*\*\* console

Ethernet

serial

VTY

11 What information can be learned during the initial router bootup? (Choose two.)

the configuration register value

\*\*\* the number and types of interfaces installed

\*\*\* the router model and the amount of memory that is available

the amount of memory required to load the IOS and configuration

the number of interfaces with connected cables

12 Which devices can be used to convert the data from a WAN router at the customer site into a form acceptable for use by the WAN service provider? (Choose three.)

Ethernet switch

DTE

\*\*\* modem

hub

\*\*\* DCE device

\*\*\* CSU/DSU

13 What are the primary functions of a router? (Choose two.)

\*\*\* determine the best path for packets

prevent collisions on the network LAN

regulate flow control between sender and receiver

provide domain name resolution

\*\*\* forward packets to the appropriate interface

14 Which of the following are correct statements verified by the router output shown in the graphic? (Choose two.)

Layer 3 connectivity exists between BigCity and the devices in the Device ID column.

\*\*\* Layer 2 connectivity exists between BigCity and the devices in the Device ID column.

All devices shown in the Device ID column use the TCP/IP protocol suite.

All devices shown in the Device ID column can be pinged from BigCity.

\*\*\* All devices listed in the Device ID column are directly connected to BigCity.

15 What are the results of setting the boot field bits in the configuration register to "0000"? (Choose two.)

The startup-config file will be ignored at bootup.

The router will load the IOS from Flash.

\*\*\* The router will enter ROM monitor mode upon reload.

The router will enter boot ROM mode and have limited capabilities.

\*\*\* The administrator can enter the b command to manually boot the IOS.

16 What can a network administrator do to recover from a lost router password?

perform a reload or reset

telnet from another router and issue the show running-config command to view the password

\*\*\* boot the router to ROM monitor mode and configure the router to ignore NVRAM when it initializes

boot the router to bootROM mode and enter the b command to load the IOS manually

17 Which router components and operations are correctly described?

(Choose two.)

\*\*\* RAM - stores the ARP cache

NVRAM - store the operating system

\*\*\* ROM - stores the backup IOS

POST - verifies the validity of the running-config

Flash - executes diagnostics at bootup

DRAM - loads the bootstrap



18 Which of the following commands will correctly configure an extended ACL? (Choose two).

Router(config)# access-list 18 permit tcp host 192.168.73.3 eq 25

\*\*\* Router(config)# access-list 102 permit tcp 10.43.0.0 0.0.255.255 any eq 80

\*\*\* Router(config)# access-list 187 permit tcp host 192.168.42.34 172.29.0.0 0.0.255.255 eq 23

Router(config)# access-list 99 permit host 10.217.32.3

Router(config)# access-list 128 permit tcp host 192.168.100.31 eq 23

19 The following access list has been created to prevent traffic from the 192.0.2.63 host on the Sales LAN from accessing servers and hosts on the Payroll LAN.

access-list 26 deny host 192.0.2.63

access-list 26 permit any

Refer to the exhibit. Which group of commands will properly place the access list so that only the host on the Sales LAN is denied access to the 172.29.7.0 network but all other traffic is permitted?

Payroll(config)# interface fa0/0

Payroll(config-if)# ip access-group 26 out

\*\*\* Payroll(config)# interface fa0/1

```
*** Payroll(config-if)# ip access-group 26 out
```

```
Sales(config)# interface fa0/1
```

```
Sales(config-if)# ip access-group 26 in
```

```
Sales(config)# interface fa0/0
```

```
Sales(config-if)# ip access-group 26 out
```

20 Refer to the graphic. Communication is needed between the LAN connected to the fa0/0 interface of the Kansas router and the fa0/0 interface of the Maine router. All hosts on those LANs also need connectivity to the Internet. Which commands will allow this communication? (Choose three).

```
*** Kansas(config)# ip route 192.168.6.0 255.255.255.0 172.18.64.2
```

```
Kansas(config)# ip route 192.168.6.0 255.255.255.0 s0/1
```

```
*** Kansas(config)# ip route 0.0.0.0 0.0.0.0 s0/1
```

```
Maine(config)# ip route 192.168.6.0 255.255.255.0 172.18.64.1
```

```
*** Maine(config)# ip route 0.0.0.0 0.0.0.0 s0/1
```

```
Maine(config)# ip route 172.16.32.0 255.255.255.0 172.18.64.2
```

21 A network administrator must configure a FastEthernet interface with an IP address. The configuration must also identify the remote site to which the interface is connected. Which set of commands will meet these requirements?

```
StPetersburg(config)# banner San Jose T1

StPetersburg(config)# interface fa0/0

StPetersburg(config-if)# ip address 172.26.155.5 255.255.255.252


StPetersburg(config)# interface fa0/0

StPetersburg(config-if)# ip address 172.26.155.5 netmask 255.255.255.252

StPetersburg(config-if)# description San Jose T1


StPetersburg(config)# interface fa0/0

StPetersburg(config-if)# ip address 172.26.155.5 255.255.255.252

StPetersburg(config-if)# banner remote site San Jose T1


*** StPetersburg(config)# interface fa0/0

*** StPetersburg(config-if)# ip address 172.26.155.5 255.255.255.252

*** StPetersburg(config-if)# description San Jose T1
```

22 A network administrator issues the erase startup-config command on a configured router with the configuration register set to 0x2102 and observes the following output:

Erasing the nvram filesystem will remove all files! Continue? [Confirm]

[OK]

Erase of nvram: complete

If the router unexpectedly loses power after this sequence, what will occur when power is restored?

The router will enter ROM monitor mode upon completion of the power-on self test (POST).

The router will load the last known valid configuration file.

The router will enter Rx-boot mode.

\*\*\* The router will prompt the user to enter setup mode or to continue without entering setup mode.

23 The main router of XYZ company has enough flash and RAM to store multiple IOS images. An administrator wants to upload a second IOS image from a TFTP server to the flash of the router. Which method will accomplish this task?

Paste the IOS filename to the command line of the router while in global configuration mode. Press enter. Then issue the copy tftp flash command.

Use the setup utility to load the new image to flash.

Copy the IOS image file from a TFTP server using the command copy filename ip address flash .

\*\*\* Copy the IOS image file from a TFTP server using the command copy tftp flash. When prompted, provide the IP address or name of the TFTP server and the IOS image filename.

24 What facts can be determined from the highlighted text shown in the exhibit? (Choose two.)

\*\*\* A weak encryption was applied to all unencrypted passwords.

The enable password is now more secure than the enable secret password.

An MD5 hashing algorithm was used on all encrypted passwords.

\*\*\* Any configured user EXEC mode or Telnet passwords will be encrypted in this configuration.