Exam Questions 640-692

Supporting Cisco routing and Switching Network Devices

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NEW QUESTION 1
Refer to the exhibit.

```
1 FastEthernet/IEEE 802.3 interface(s)
125K bytes of non-volatile configuration memory.

65536K bytes of ATA PCMCIA card at slot 0 (Sector size 512 bytes).
8192K bytes of Flash internal SIMM (Sector size 256K).

        --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:
```

What can be determined about the router from the console output?

A. No configuration file was found in NVRAM.
B. No configuration file was found in flash.
C. No configuration file was found in the PCMCIA card.
D. Configuration file is normal and will load in 15 seconds.

Answer: A

NEW QUESTION 2
Which type of memory stores the startup configuration file for the Cisco device?

A. Flash
B. NVRAM
C. RAM
D. ROM

Answer: B

NEW QUESTION 3
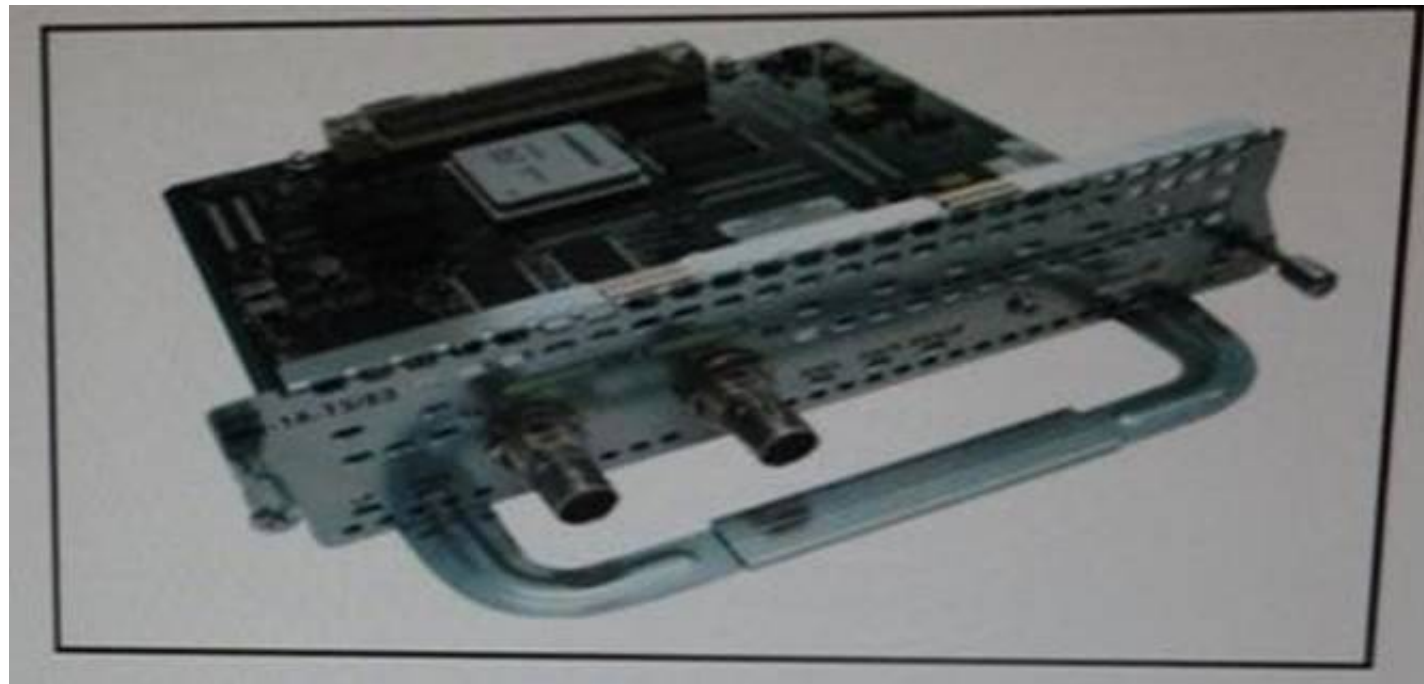How does a Cisco switch respond if you boot it without a valid configuration in the NVRAM?

A. it enters setup mode.
B. it uses the running –configuration
C. It prompts you to restore the startup configuration
D. it enters user EXEC mode.

Answer: B

NEW QUESTION 4
Refer to the exhibit.

Which type of cable us used on the ATM card?

A. Fiber-optic BNC
B. Coaxial
C. Serial
D. Crossover

Answer: B

NEW QUESTION 5
Which of the following best describes the cable that is used to connect a laptop to an Ethernet port on a Cisco router?

A. Crossover
B. Straight-through
C. Fiber

D. Rollover

Answer: A

NEW QUESTION 6
What does Cisco use for Return Materials Authorization (RMA) tracking of field-replaceable parts?

A. model number
B. product number
C. serial number
D. RMA number
E. FRU number

Answer: C

Explanation:
Cisco uses Serial Numbers for RMA tracking of field replaceable parts (FRU) and for service contract entitlement verification of devices.

NEW QUESTION 7
Which command initiates the copy of an IOS image to a Cisco device?

A. copy flash tftp
B. copy tftp flash
C. copy tftp ftp
D. copy tftp nvram
E. xmodem flash

Answer: B

NEW QUESTION 8
Which three of the following describe Fast Ethernet? (Choose three)

A. 1QBASE-T H B
B. 100BASE-T
C. 10-Mb/s speed
D. 100-Mb/s speed
E. requires Category 3 or higher UTP cabling
F. requires Category 5 or higher UTP cabling

Answer: BDF

NEW QUESTION 9
What is the difference between a CSU/DSU and a modem?

A. A CSU/DSU converts analog signals from a router to a leased line; a modem converts analog signals from a router to a leased line.
B. A CSU/DSU converts analog signals from a router to a phone line; a modem converts digital signals from a router to a leased line.
C. A CSU/DSU converts digital signals from a router to a phone line; a modem converts analog signals from a router to a phone line.
D. A CSU/DSU converts digital signals from a router to a leased line; a modem converts digital signals from a router to a phone line.

Answer: D

NEW QUESTION 10
Which bits represent the boot field in the configuration register value?

A. highest two bits
B. highest four bits
C. lowest two bits
D. lowest four bits

Answer: D

NEW QUESTION 10
Refer to the exhibit.


```
Router#config 1
Router(config)#line vty 0 4
Router(config-line)#password c1sc0
Router(config-line)#no login
```

What is the result of setting the no login command?

A. Telnet access is denied.
B. Telnet access requires a new password at the first login.

C. Telnet access requires a new password.
D. no password is required for telnet access.

Answer: D

NEW QUESTION 13
Refer to the exhibit.

```
Router#config1

Router(cofing)#line vtv 04

Router(confing-line)#password c1 sc0

Router(confing-line)#login
```

Which user-mode password has just been set?

A. Telnet
B. Auxiliary
C. SSH
D. Console

Answer: A

NEW QUESTION 18
Which IOS layer does a server use to keep track of which application communications in which conversation?

A. Transport
B. Network
C. Session
D. Application

Answer: C

NEW QUESTION 20
Which command indicates the amount of memory (NVRAM, RAM, and flash) in a Cisco device?

A. show diag
B. show environment
C. show inventory
D. show version

Answer: D

NEW QUESTION 21
What is the default operating mode you are initially logging into a router?

A. global configuration
B. privileged EXEC
C. ROM monitor
D. user EXEC

Answer: D

NEW QUESTION 24
Which two modules can be plugged into internal advanced integration module (AIM) slots on a Cisco router? (Choose two)

A. Virtual Private Network Module
B. Intrusion Detection System Module
C. Packet Voice Digital Signal Processor Module
D. LAN Switching Module
E. Voice Interface Module

Answer: AB

NEW QUESTION 26
Which IEEE standard protocol is initiated as a result of successful DTP completion in a switch over Fast Ethernet?

A. 802.3ad
B. 802.1w
C. 802.1D
D. 802.1Q

Answer: D

NEW QUESTION 27
From a Windows command prompt, which command displays the local IP address of a computer?

A. ip config
B. ip configuration
C. ipconfig
D. ipconfiguration

Answer: C

NEW QUESTION 30
Which two of the following statements are true? (Choose two)

A. Because FTP usually requires authentication, a Cisco router must be configured with the appropriate username and password.
B. FTP uses UDP as its transport protocol.
C. The copy running-config ftp: command is used to copy a configuration file from an FTP server to the running configuration.
D. A router can act as an FTP server.
E. FTP can be used to load Cisco IOS software to router in ROMMON mode.

Answer: AD

NEW QUESTION 31
Which two pieces of information about a device can be seen from the show version command?

A. CPU load
B. Device model
C. Installed DRAM
D. local CLI
E. Locally configured IP addresses

Answer: BC

NEW QUESTION 32
When using a modem to provide out-of-band access to a Cisco router, which cable type is used to connect the wall jack to the modem?

A. DB-25 to RJ-11
B. RJ-11 to Rj-11
C. RJ-45 to RJ-45
D. RJ-11 to RJ-45
E. RJ-11 to DB-9

Answer: B

NEW QUESTION 37
Which two commands are used to set the configuration register value? (Choose two)

A. Router(config)#config-register 0x2102
B. Router(config)#confreg 0x2102
C. rommon>config-register 0x2102
D. rommon>confreg 0x2102
E. Router(config)#configuration-register 0x2102

Answer: AD

NEW QUESTION 39
When using a modem to provide out-of-band access to a Cisco router, which cable is used to connect the modem to the router?

A. DB-25 to RJ-45
B. RJ-45 to RJ-45
C. RJ-44 to RJ-45
D. DB-9 to RJ-45
E. DB-45 to RJ-45

Answer: A

NEW QUESTION 43
ESD is the sudden and momentary electric current that flows between two different objects at different electrical potentials caused by direct contact or induced by an electrostatic field. Which three of the following tools should be used to avoid ESD? (Choose three)

A. ESD wrist strap
B. Latex gloves
C. Antistatic bag
D. Antistatic mat
E. Negative static mat
F. Negative static bag

Answer: ACD

NEW QUESTION 48
Which sequence begins a unique local IP address in binary notation?

A. 1111110
B. 1111111
C. 00000000
D. 1111100

Answer: A

NEW QUESTION 51
While performing password recovery on a Cisco device, the configuration register should be which value in order to bypass loading the startup configuration?

A. 0x2102
B. 0x2112
C. 0x2122
D. 0x2142

Answer: D

NEW QUESTION 56
A null modem cable uses which adapter type?

A. RJ-11
B. RJ-45
C. RS-323
D. RS-232
E. USB

Answer: B

NEW QUESTION 61
Which command sends an echo request packet to the largest host and then waits for an echo response message?

A. telnet
B. connect
C. access
D. echo
E. ping

Answer: E

NEW QUESTION 63
Which three of the following statements are true about a smart jack? (Choose three)

A. It provides signal conversion.
B. It operates at Layer 2 of the OSI model.
C. It regenerates the signal to compensate for signal degradation from line transmission.
D. It provides loopback testing.
E. It acts as a concentration point for dial-in and dial-out connections.

Answer: ACD

NEW QUESTION 66
What are two features that are associated with single-mode fiber-optic cable? (Choose two.)

A. a single strand of glass fiber
B. carries higher bandwidth than multimode fiber
C. cost is less than multimode fiber
D. operates over less distance than multimode fiber

Answer: AB

NEW QUESTION 70
Which type if memory is used to permanently store the Cisco IOS software?

A. Flash
B. DRAM
C. SRAM
D. NVRAM

Answer: A

NEW QUESTION 71
Which two locations can be configured as a source for the IOS image in the boot system command? (Choose two.)

A. RAM
B. NVRAM
C. flash memory
D. HTTP server
E. TFTP server
F. Telnet server

Answer: CE

NEW QUESTION 72
Which command can be used to identify the serial number of a Cisco router?

A. Show run
B. Show version
C. Show archive
D. Show environment

Answer: B

NEW QUESTION 77
TFTP is a simple protocol files, such as a Cisco IOS or configuration file, from one device to another. Which device cannot be configured to be used as a TFTP server?

A. Cisco router
B. Cisco switch
C. Computer
D. Modem
E. Cisco wireless LAN

Answer: D

NEW QUESTION 79
Which interface card is an encryption module?

A. NME-VMSS-16
B. NME-CUSP-522
C. AIM-VPN/SSL-3
D. M-1A-OC3-POM

Answer: C

NEW QUESTION 84
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