



TRUNG TÂM TIN HỌC VNPRO

Đề thi môn: CCENT 1

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Lưu hành nội bộ

Tháng 01 năm 2008

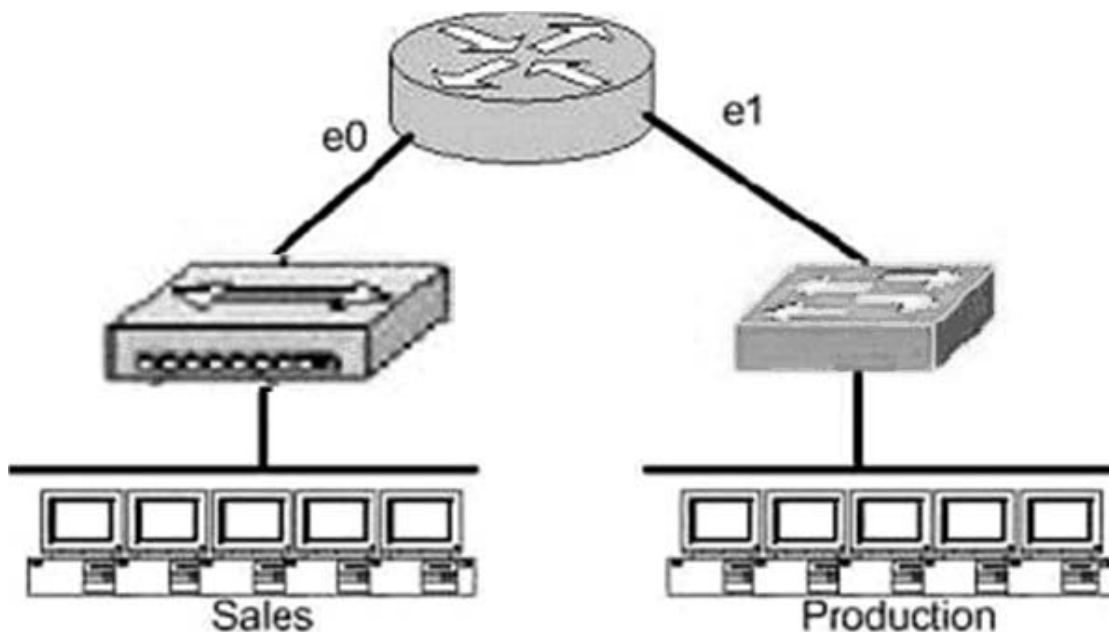
Exam A**QUESTION 1**

**Which of the following devices can an administrator use to segment their LAN?
(Choose three)**

- A. Hubs
- B. Repeaters
- C. Switches
- D. Bridges
- E. Routers
- F. Media Converters
- G. All of the above

QUESTION 2

Within the VNPRO office, The Sales and Production networks are separated by a router as shown in the diagram below:



Which of the following statements most accurately describes the characteristics of the above networks broadcast and collision domains? (Choose two)

- A. There are two broadcast domains in the network.
- B. There are four broadcast domains in the network.
- C. There are six broadcast domains in the network.
- D. There are four collision domains in the network.
- E. There are five collision domains in the network.

F. There are seven collision domains in the network.

QUESTION 3

Given the choices below, which address represents a unicast address?

- A. 224.1.5.2
- B. FFFF.FFFF.FFFF
- C. 192.168.24.59/30
- D. 255.255.255.255
- E. 172.31.128.255/18

QUESTION 4

You have the binary number 10011101. Convert it to its decimal and hexadecimal equivalents. (Choose two)

- A. 158
- B. 0x9D
- C. 156
- D. 157
- E. 0x19
- F. 0x9F

QUESTION 5

Which two of the addresses below are available for host addresses on the subnet 192.168.15.19/28? (Choose two)

- A. 192.168.15.17
- B. 192.168.15.14
- C. 192.168.15.29
- D. 192.168.15.16
- E. 192.168.15.31
- F. None of the above

QUESTION 6

Three addresses are shown in binary form below:

- A. 01100100.00001010.11101011.00100111
- B. 10101100.00010010.10011110.00001111
- C. 11000000.10100111.10110010.01000101

Regarding these three binary addresses in the above exhibit; which statements below are correct? (Select three)

- A. Address C is a public Class C address.
- B. Address C is a private Class C address.
- C. Address B is a public Class B address.
- D. Address A is a public Class A address.
- E. Address B is a private Class B address.
- F. Address A is a private Class A address.

QUESTION 7

The VNPRO network consists of 5 different departments as shown below:



You are a systems administrator at VNPRO and you've just acquired a new Class C IP network. Which of one of the subnet masks below is capable of providing one useful subnet for each of the above departments while still allowing enough usable host addresses to meet the needs of each department?

- A. 255.255.255.128
- B. 255.255.255.192
- C. 255.255.255.224
- D. 255.255.255.240
- E. 255.255.255.248
- F. 255.255.255.252

QUESTION 8

Your network uses the 172.12.0.0 class B address. You need to support 459 hosts per subnet, while accommodating the maximum number of subnets. Which mask would you use?

- A. 255.255.0.0
- B. 255.255.128.0

- C. 255.255.224.0
- D. 255.255.254.0

QUESTION 9

Using a subnet mask of 255.255.255.224, which of the IP addresses below can you assign to the hosts on this subnet? (Choose three)

- A. 16.23.118.63
- B. 87.45.16.159
- C. 92.11.178.93
- D. 134.178.18.56
- E. 192.168.16.87
- F. 217.168.166.192

QUESTION 10

Which of the following IP addresses is a private IP address? (Choose two)

- A. 12.0.0.1
- B. 168.172.19.39
- C. 172.20.14.36
- D. 172.33.194.30
- E. 192.168.42.34

QUESTION 11

Your ISP has assigned you the following IP address and subnet mask:

IP address: 199.141.27.0

Subnet mask: 255.255.255.240

Which of the following addresses can be allocated to hosts on the resulting subnet? (Choose three)

- A. 199.141.27.2
- B. 199.141.27.175
- C. 199.141.27.13
- D. 199.141.27.11
- E. 199.141.27.208
- F. 199.141.27.112

QUESTION 12

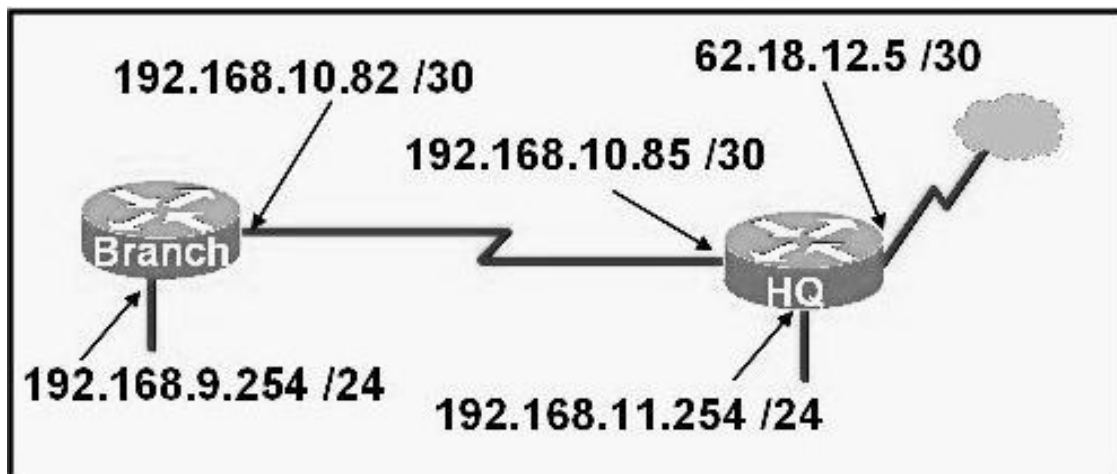
The network 172.25.0.0 has been divided into eight equal subnets. Which of the

following IP addresses can be assigned to hosts in the third subnet if the ip subnet-zero command is configured on the router? (Choose three)

- ☐ A. 172.25.78.243
- ☐ B. 172.25.98.16
- ☒ C. 172.25.72.0
- ☐ D. 172.25.94.255
- ☐ E. 172.25.96.17
- ☐ F. 172.25.100.16

QUESTION 13

After the router interfaces shown in the diagram have been configured, it is discovered that hosts in the Branch LAN cannot access the Internet. Further testing reveals additional connectivity issues.



What will fix this problem?

- ☐ A. Change the address of the Branch router ~~LAN interface.~~
- ☒ B. Change the address of the Branch router WAN interface.
- ☐ C. Change the subnet mask of the HQ router LAN interface.
- ☐ D. Change the address of the HQ router LAN interface.
- ☐ E. Change the address of the HQ router interface to the Internet.
- ☐ F. Change the subnet mask of the HQ router interface to the Internet.

QUESTION 14

You are a systems administrator and you are about to assign static IP addresses to various servers on your network. For the network 192.168.20.24/29 the router is assigned to the first usable host address, while the last usable host address goes to your Sales server. Which one of the following commands would you enter into the IP

properties box of the sales server?

- A. IP address: 192.168.20.14
Subnet Mask: 255.255.255.248
Default Gateway: 192.168.20.9
- B. IP address: 192.168.20.254
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.20.1
- C. IP address: 192.168.20.30
Subnet Mask 255.255.255.248
Default Gateway: 192.168.20.25
- D. IP address: 192.168.20.30
Subnet Mask 255.255.255.240
Default Gateway: 192.168.20.17
- E. IP address: 192.168.20.30
Subnet Mask 255.255.255.240
Default Gateway: 192.168.20.25

QUESTION 15

While troubleshooting a connectivity problem on the network, you issue the ping command from your PC command prompt, but the output shows "request times out." At which OSI layer is this problem associated with?

- A. The data link layer.
- B. The application layer.
- C. The access layer.
- D. The session layer.
- E. The network layer.

QUESTION 16

In the "host to host" layer of the OSI model, which of the following is a valid connection oriented protocol?

- A. ARP
- B. RARP
- C. TCP
- D. UDP
- E. IP
- F. ICMP
- G. BootP

QUESTION 17

The TCP/IP network model differs from the more popular OSI model. Which of the layers below belong to the TCP/IP model? (Choose three)

- A. application layer
- B. session layer
- C. transport layer
- D. internet layer
- E. network layer
- F. data link layer
- G. physical layer

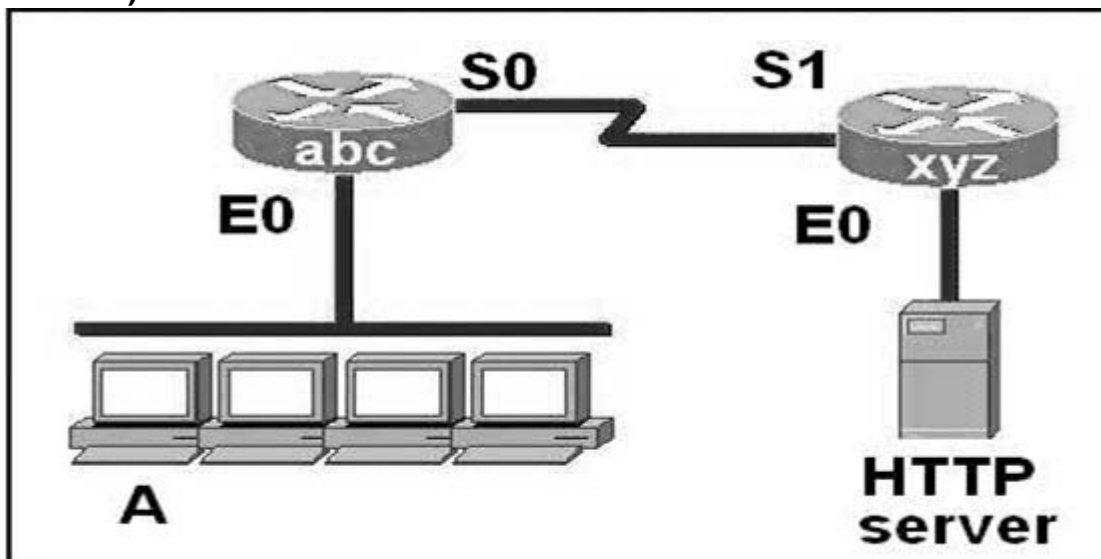
QUESTION 18

Which three of the protocols below belong to the application layer? (Choose three)

- A. ARP
- B. HTTPS
- C. SMTP
- D. CDP
- E. TFTP
- F. ICMP

QUESTION 19

Refer to the graphic. Host A has established a connection with the HTTP server attached to interface E0 of the xyz router. Which of the following statements describe the information contained in protocol data units sent from host A to this server? (Choose three.)



- A. The destination port number in a segment header will have a value of 80.
- B. The destination port number in a segment header will have a unique value greater than or equal to 1023.
- C. The destination address of a frame will be the MAC address of the HTTP server interface.
- D. The destination address of a frame will be the MAC address of the E0 interface of the abc-router.
- E. The destination IP address of a packet will be the IP address of the the E0 interface of the abc-router.
- F. The destination address of a packet will be the IP address of the HTTP-Server.

QUESTION 20

On a half-duplex Ethernet LAN, two hosts attempt to send data simultaneously, resulting in a collision. Following this collision, what will the hosts do?

- A. The destination host sends a request to the source for retransmission.
- B. The jam signal indicates that the collision has been cleared.
- C. The hosts will attempt to resume transmission after a time delay has expired.
- D. An electrical pulse indicates that the collision has cleared.
- E. The router on the segment will signal that the collision has cleared.
- F. The hosts will do nothing, as the higher layers are responsible for data error correction and re-transmission.

QUESTION 21

What are the differences between full-duplex Ethernet and half-duplex Ethernet? (Choose two)

- A. Half-duplex Ethernet operates in a shared collision domain.
- B. Full-duplex Ethernet has a lower effective throughput.
- C. Half-duplex Ethernet operates in a private collision domain.
- D. Full-duplex Ethernet allows two-way communication.
- E. Half-duplex Ethernet operates in a private broadcast domain.

QUESTION 22

Which of the following processes, is used to find the hardware address of a LAN device?

- A. Inverse-ARP
- B. Reverse-ARP

- C. Proxy ARP
- D. ARP

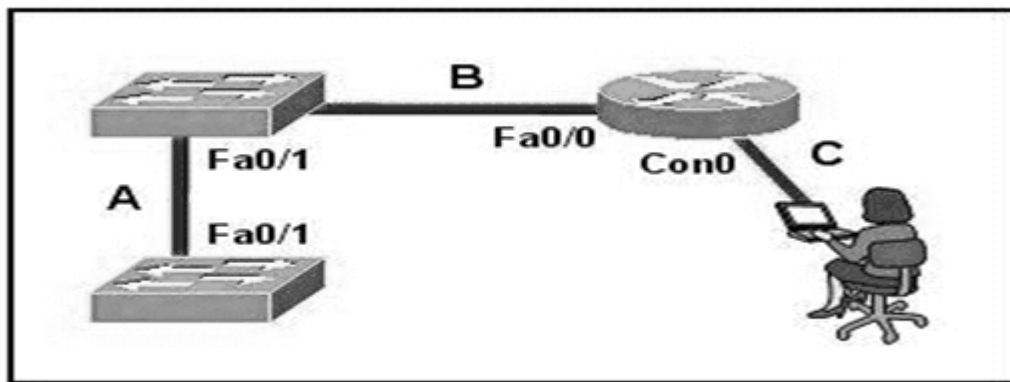
QUESTION 23

Which one of the protocols below allows a router to respond to an ARP request destined to a remote host?

- A. Gateway DP
- B. Reverse ARP
- C. proxy ARP
- D. Inverse ARP
- E. indirect ARP

QUESTION 24

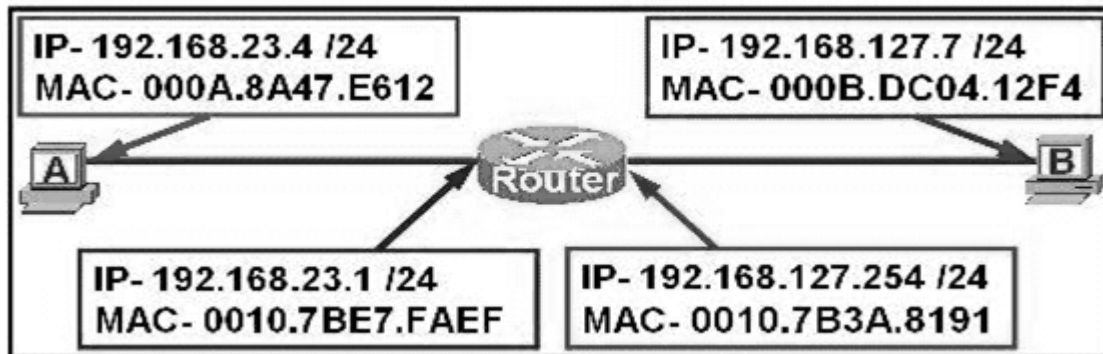
Which set of terms correctly identifies the cable types shown in the exhibit?



- A. A: straight-through.
B: straight-through.
C: rollover.
- B. A: crossover.
B: crossover.
C: rollover.
- C. A: crossover.
B: crossover.
C: rollover.
- D. A: crossover.
B: straight-through.
C: rollover.
- E. A: straight-through.
B: crossover.
C: rollover.

QUESTION 25

Refer to the exhibit. Host A is communicating with host B. How will the data be addressed when it leaves host A?



- A. Source MAC=000A.8A47.E612
Destination MAC=000B.DC04.12F4
Source IP=192.168.23.4
Destination IP=192.168.23.1
- B. Source MAC=000A.8A47.E612
Destination MAC=0010.7BE7.FAEF
Source IP=192.168.23.4
Destination IP=192.168.127.7
- C. Source MAC=000A.8A47.E612
Destination MAC=000B.DC04.12F4
Source IP=192.168.23.4
Destination IP=192.168.127.7
- D. Source MAC=000A.8A47.E612
Destination MAC=0010.7BE7.FAEF
Source IP=192.168.23.4
Destination IP=192.168.23.1

QUESTION 26

Which of the following protocols uses both TCP and UDP ports?

- A. FTP
- B. SMTP
- C. Telnet
- D. DNS

QUESTION 27

The VnPro's network administrator issues the ping 193.165.1.8 command and successfully tests connectivity to a host that has been newly add to the network.Which

protocols were uses during the test? (Choose two)

- A. ARP
- B. CDP
- C. DHCP
- D. DNS
- E. ICMP

QUESTION 28

How does replacing a hub with a switch affect CSMA/CD behavior in an Ethernet network?

- A. It effectively eliminates collisions.
- B. In increases the size of the collision domain by allowing more devices to be connected at once.
- C. It decreases the amount of time that a jam signal must be sent to reach all network devices.
- D. It reduces the total amount of bandwidth available to each device.
- E. It eliminates Layer 3 broadcast traffic.

QUESTION 29

Refer to the exhibit. The partial frame in the graphic represents select header information within a frame arriving at a destination host. What can be determined from this information?

Destination	Source	Destination	Source	Destination	Source	S	A
						Y	C
						N	K
000d.56ad.a313	000a.8a47.e612	192.168.14.1	192.168.14.2	23	42335	1	0

- A. The source host is a Telnet server.
- B. This frame contains the first segment in a Telnet session.
- C. The Layer 2 address of the source host is 192.168.14.2.
- D. The local host has received 42,335 bytes from the remote host as a part of this conversation.

QUESTION 30

Which of the following are benefits of segmenting a network with a router? (Choose two)

- A. Broadcasts are not forwarded across the router.

- B. All broadcasts are completely eliminated.
- C. Adding a router to the network decreases latency.
- D. Filtering can occur based on Layer 3 information.
- E. Routers are more efficient than switches and will process the data more quickly.
- F. None of the above.

QUESTION 31

CDP is running between two Cisco devices. What information is supplied by CDP? (Choose three)

- A. Device identifiers.
- B. Capabilities list.
- C. Platform.
- D. Route identifier.
- E. Neighbor traffic data.

QUESTION 32

You are a technician at VNPRO. Your newly appointed VNPRO trainee wants to know what the CDP is. What would your reply be? (Choose three)

- A. It is globally enabled by default on Cisco routers.
- B. It is globally enabled by default on all routers.
- C. It is a proprietary protocol.
- D. It is a non-proprietary protocol.
- E. It can be used to gather hardware and protocol information about neighbor devices.

QUESTION 33

You work as a network engineer at VNPRO.com. You are required to allow establishment of a Telnet session with a router VNPROC. Which set command must be configured?

- A. VNPROC(config)# line console 0
VNPROC(config-line)# enable password VNPRO
- B. VNPROC(config)# line console 0
VNPROC(config-line)# enable secret
VNPRO VNPROC(config-line)# login
- ~~C. VNPROC(config)# line console 0
VNPROC(config-line)# password VNPRO
VNPROC(config-line)# login~~

- D. VNPROC(config)# line vty 0 4
VNPROC(config-line)# enable password VNPRO
- E. VNPROC(config)# line vty 0 4
VNPROC(config-line)# enable secret
VNPRO VNPROC(config-line)# login
- E. VNPROC(config)# line vty 0
VNPROC(config-line)# password VNPRO
VNPROC(config-line)# login

QUESTION 34

Which router console commands are used to manage telnet sessions to other routers? (Choose three).

- A. VNPROD# disconnect 3
- B. VNPROD# exit session 2
- C. VNPROD# kill connection 1
- D. VNPROD# show sessions
- E. VNPROD# show connection all
- F. VNPROD# resume 4

QUESTION 35

In the Cisco IOS, what is the definition of a global command?

- A. A command that can be entered in any configuration mode.
- B. A command that supports all protocols.
- C. A command that is implemented in all IOS versions.
- D. A command that is set once and affects the entire router.
- E. A command that is available in every release of IOS.

QUESTION 36

Which of the following commands will display the name of the IOS image file being used in a Cisco router? (Choose two)

- A. Router# show IOS
- B. Router# show version
- C. Router# show image
- D. Router# show protocols
- E. Router# show flash

QUESTION 37

After making changes to the router, you issue the "copy running-config startup-config" command to save changes. After reloading the router, the router comes up in setup mode. You again make changes, save them, and reboot. Again, the router comes up in setup mode.

What is the most likely cause of this?

- A. The NVRAM is corrupted.
- B. The boot system commands were omitted in the configuration.
- C. The configuration register setting is incorrect.
- D. The upgraded configuration incompatible with the hardware platform.
- E. The upgraded IOS incompatible with the hardware.

QUESTION 38

The "show version" command was issued on a VNPRO router as shown below:

```
System Image file is "Flash: C2600-ik8035-m2.122-8.T5.bin"
Cisco 2620(MPC860)processor(revision 0x200) with 16384/2048K bytes of memory

Processor board ID JAD05076EF6

X.25 Software, Version 3.0.0
2 FastEthernet/IEEE 802.3 interface(s)
2 Serial(sync/async)network interface(s)
2 Low speed serial(sync/async)network interface(s)

32K bytes of non-volatile configuration memory
16384 bytes of processor board system flash (Read/Write)

Configuration register is 0x2102
```

The Network administrator at VNPRO.com wants to upgrade the IOS of this router. The new Image requires 64 MB of RAM & 16 MB for Storage of the File. Given the Output Shown in the Graphic, which of the following is true?

- A. This router meets the requirements for the new image.
- B. This router will require a DRAM upgrade to meet the requirements for the Image.
- C. This router will require a FLASH upgrade to meet the requirements for the Image.
- D. This router will require a NVRAM upgrade to meet the requirements for the Image.

QUESTION 39

You want the text "Unauthorized access prohibited!" to be displayed before the login prompt every time someone tries to initiate a Telnet session to a router, as shown in the example below:

Router#telnet 192.168.15.1

Trying 192.168.15.1 ... Open

Unauthorized access prohibited!

User Access Verification

Password:

Which command can be used to configure this message?

- A. login banner x Unauthorized access prohibited! x
- B. banner exec y Unauthorized access prohibited! y
- C. banner motd # Unauthorized access prohibited! #
- D. vtv motd "Unauthorized access prohibited!"

QUESTION 40

What should be done prior to backing up an IOS image to a TFTP server? (Choose three)

- A. Make sure that the server can be reached across the network.
- B. Check the authentication for TFTP access to the server is set.
- C. Assure that the network server has adequate space for the IOS image.
- D. Verify file naming and path requirements.
- E. Make sure that the server can store binary files.
- F. Adjust the TCP window size to speed up the transfer.

QUESTION 41

You're working at VNPRO as a network administrator when your assistant calls you for help. He has attempted to configure Router VnPro1 and incorrectly configured the router interface with a subnet broadcast address. You have to correct this by first removing the incorrect IP address and then re-entering the first usable IP address of the same subnet.

How will you do this?

- A. VnPro1(config-if)# no ip address 190.160.45.31 255.255.255.240
VnPro1(config-if)# ip address 190.160.45.17 255.255.255.240
- B. **VnPro1(config-if)# no ip address 190.160.45.23 255.255.255.252**
VnPro1(config-if)# ip address 190.160.4.21 255.255.255.252
- C. **VnPro1(config-if)# no ip address 190.160.45.23 255.255.255.240**
VnPro1(config-if)# ip address 190.160.45.20 255.255.255.240
- D. **VnPro1(config-if)# clear ip address 190.160.45.23 255.255.255.0**
VnPro1(config-if)# no address 190.160.45.17 255.255.255.0

- E. **VnPro1(config-if)# no ip address 190.160.45.15 255.255.255.252**
VnPro1(config-if)# ip address 190.160.45.9 255.255.255.252

QUESTION 42

While troubleshooting a connectivity issue from a PC you obtain the following information:

Local PC IP address: 190.0.3.35/24
Default Gateway: 190.0.3.1
Remote Server: 190.0.5.250/24

You then conduct the following tests from the local PC:

Ping 127.0.0.1 - Unsuccessful
Ping 190.0.3.35 - Unsuccessful
Ping 190.0.3.1 - Unsuccessful
Ping 190.0.5.250 - Unsuccessful

What is the underlying cause of this problem?

- A. TCP/IP not correctly installed.
- B. Local physical layer problem.
- C. NIC not functioning.
- D. Remote physical layer problem.

QUESTION 43

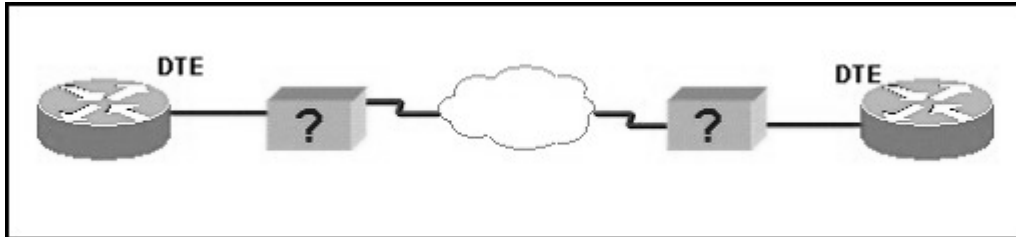
While troubleshooting connectivity issues, you log into a remote router. From there, you wish to see the layer 1 and layer 2 status of the interface. Which of the following IOS commands would you issue to check the current IP addressing, as well as the layer 1 and layer 2 status of an interface? (Choose three)

- A. VnPro1# show version
- B. VnPro1# show protocols
- C. VnPro1# show interfaces
- D. VnPro1# show controllers
- E. VnPro1# show ip interface
- F. VnPro1# show startup-config

QUESTION 44

How can an administrator determine if a router has been configured when it is first powered up?

- A. A configured router prompts for a password.
- B. A configured router goes to the privileged mode prompt.
- C. An unconfigured router goes into the setup dialog.
- D. An unconfigured router goes to the enable mode prompt.

QUESTION 45

Which of the following could describe the devices labeled "?" in the graphic?
(Choose three.)

- A. DCE
- B. CSU/DSU
- C. LAN switch
- D. modem
- E. hub

QUESTION 46

You need to set the default gateway of one of your VNPRO switches. Which command will set the default gateway to 192.168.12.1 on a Cisco switch?

- A. Switch(config)# ip default-network 192.168.12.1
- B. Switch(config)# ip route-default 192.168.12.1
- C. Switch(config)# ip default-gateway 192.168.12.1
- D. Swicth(config)# ip route 192.168.12.1 0.0.0.0

QUESTION 47

Why would a network administrator configure port security on a switch?

- A. To prevent unauthorized Telnet access to a switch port.
- B. To limit the number of Layer 2 broadcasts on a particular switch port.
- C. To prevent unauthorized hosts from accessing the LAN.
- D. To protect the IP and MAC address of the switch and associated ports.
- E. To block unauthorized access to the switch management interfaces over common TCP ports.

QUESTION 48

Which switching mode provides the highest level of integrity and error-free transport, rather than maximizing speed?

- A. 802.1q forwarding.
- B. VTP transparent mode.
- C. Cut-through.
- D. Store-and-forward.
- E. Fragment-free.
- F. Frame-filtering.

QUESTION 49

What is the purpose of assigning an IP address to a switch?

- A. Provides local hosts with a default gateway address
- B. Allows remote management of the switch.
- C. Allows the switch to respond to ARP requests between two hosts
- D. Ensures that hosts on the same LAN can communicate with each other.

QUESTION 50

You have a server that's directly connected to a Cisco switch by way of its Fa0/1 port, and you don't want any other MAC addresses from any other servers to access this port. How would you accomplish this? (Choose two)

- A. Configure port Fa0/1 to accept connections only from the static IP address of the server.
- B. Employ a proprietary connector type on Fa0/1 that is incompatible with other host connectors.
- C. Configure the MAC address of the server as a static entry associated with port Fa0/1.
- D. Bind the IP address of the server to its MAC address on the switch to prevent other hosts from spoofing the server IP address.
- E. Configure port security on Fa0/1 to reject traffic with a source MAC address other than that of the server.
- F. Configure an access list on the switch to deny server traffic from entering any port other than Fa0/1.

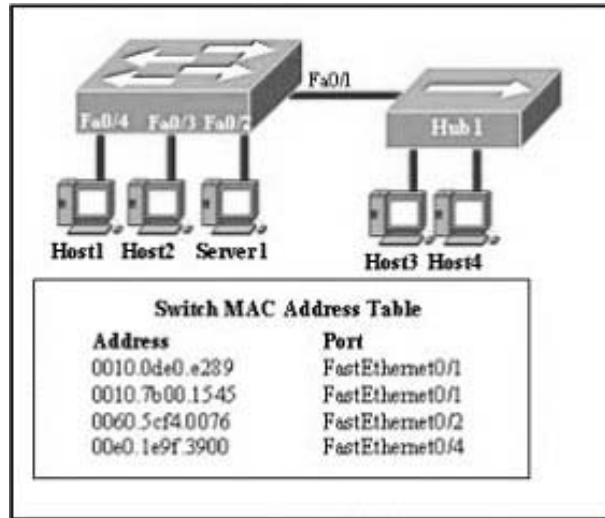
QUESTION 51

While troubleshooting a connectivity problem, a network administrator notices that a port status LED on a Cisco Catalyst series switch is alternating green and amber. Which condition could this indicate?

- A. The port is experiencing errors.
- B. The port is administratively disabled.
- C. The port is blocked by spanning tree.
- D. The port has an active link with normal traffic activity.

QUESTION 52

Refer to the exhibit. Why does the switch have two MAC addresses assigned to the FastEthernet 0/1 port in the switch address table?



- A. Data from Host3 and Host4 has been received by switch port FastEthernet 0/1.
- B. Data from two of the devices connected to the switch has been sent to Host3.
- C. Either Host3 or Host4 has just had the NIC replaced.
- D. Host3 and Host4 are on two different VLANs.

QUESTION 53

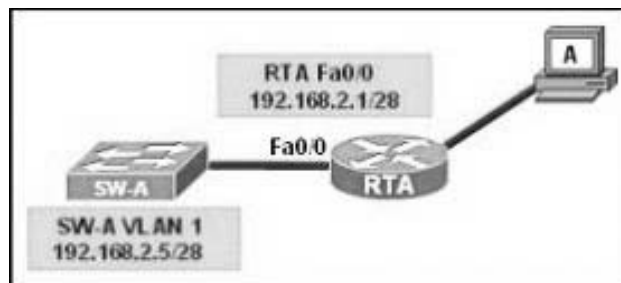
Refer to the exhibit. Switch-1 needs to send data to a host with a MAC address of "0010.d0e0.efa4". What will Switch-1 do with this data?

```
Switch-1# show mac address-table
Dynamic Addresses Count:          3
Secure Addresses (User-defined) Count: 0
Static Addresses (User-defined) Count: 0
System Self Addresses Count:     41
Total Mac addresses:             50
Non-static Address Table:
Destination Address  Address Type  VLAN  Destination Port
-----
0010.0de0.e289      Dynamic      1     FastEthernet0/1
0010.7b00.1540      Dynamic      2     FastEthernet0/3
0010.7b00.1545      Dynamic      2     FastEthernet0/2
```

- A. Switch-1 will flood the data out all of its ports except the port from which the data originated.
- B. Switch-1 will send an ARP request out all its ports except the port from which the data originated.
- C. Switch-1 will drop the data because it does not have an entry for that MAC address.
- D. Switch-1 will forward the data to its default gateway.

QUESTION 54

Refer to the exhibit. Workstation A must be able to telnet to switch SW-A through router RTA for management purposes. What must be configured for this connection to be successful?



- A. VLAN 1 on RTA.
- B. IP routing on SW-A.
- C. default gateway on SW-A.
- D. cross-over cable connecting SW-A and RTA.

QUESTION 55

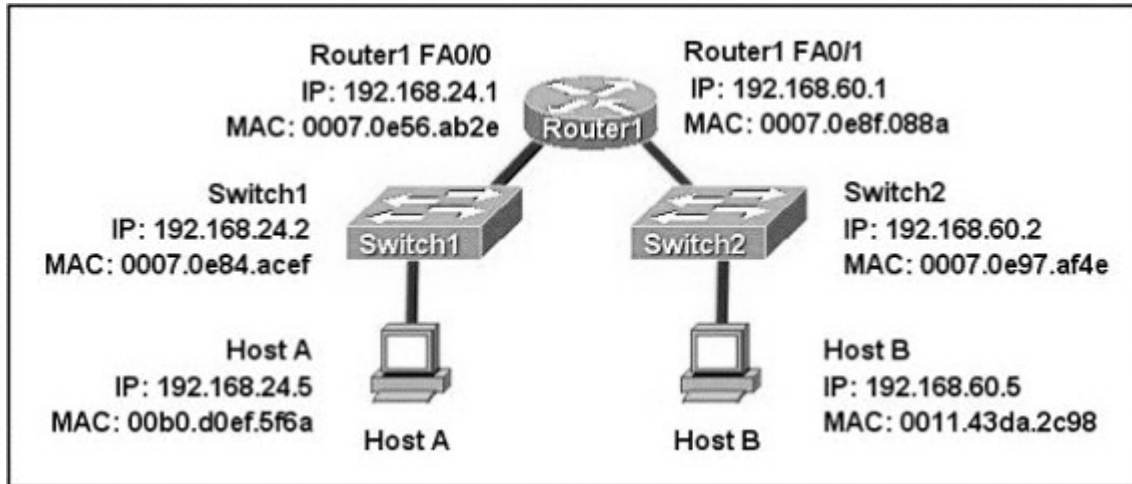
Why will a switch never learn a broadcast address?

- A. Broadcasts only use network layer addressing.

- B. A broadcast address will never be the source address of a frame.
- C. A broadcast frame is never forwarded by a switch.
- D. Broadcast addresses use an incorrect format for the switching table.
- E. Broadcast frames are never sent to switches.

QUESTION 56

Refer to the exhibit. What is the correct addressing for a frame and packet received by Host B from Host A?



- A. Destination MAC: 0011.43da.2c98
Source MAC: 0007.0e8f.088a
Destination IP: 192.168.60.5
Source IP: 192.168.24.5
- B. Destination MAC: 0011.43da.2c98
Source MAC: 00b0.d0ef.5f6a
Destination IP: 192.168.60.5
Source IP: 192.168.24.5
- C. Destination MAC: 0011.43da.2c98
Source MAC: 0007.0e8f.088a
Destination IP: 192.168.60.5
Source IP: 192.168.60.1
- D. Destination MAC: 0011.43da.2c98
Source MAC: 0007.0e97.af4e
Destination IP: 192.168.60.5
Source IP: 192.168.60.2

QUESTION 57

See the following exhibit below:

system image file is "flash:c2600-ik8033-mz.122-8.Ts.bin

cisco 2620 (MPC860 processor (revision Ox200) with 16384/2048kbytes of memory

M860 processor:part number 0, mask 49.

Bridging software

x.25 software version 3.0.0

1 Fast Ethernet (IEEE 802.3 interface (s)

2 Low speed serial (synch/asynch) network interface (s)

32k bytes of non-volatile configuration memory.

16384k bytes of processor board System Flash (Read/Write)

configuration register is 0x2142

A router consistently loses its configuration each time it reboots. Given the output shown in the graphic, what is the cause of this problem?

- A. The processor is overheating.
- B. Configuration register is misconfigured.
- C. There is no problem.
- D. Cisco products are inferior compared to Nortel products. Migrate to Nortel instead.

QUESTION 58

What kind of information can you deduce from an IOS image file name? (Choose three)

- A. Distribution channel failures.
- B. Feature capabilities.
- C. Memory capacity needs.
- D. Hardware product platform.
- E. Programming language requirements.
- F. Run location and compression status.

QUESTION 59

Which is the correct fallback sequence for loading the Cisco IOS?

- A. ROM, Flash, NVRAM.
- B. ROM, TFTP server, Flash.
- C. Flash, TFTP server, ROM.
- D. Flash, NVRAM, RAM.

QUESTION 60

A VNPRO router was configured as shown below:

```
VNPRO1(config)# enable password Cisco
VNPRO1(config)# enable secret Cisco1
VNPRO1(config)# line vty 0 4
VNPRO1(config-line)# password Cisco2
VNPRO1(config-line)# exit
VNPRO1(config)# no passwordCisco3
```

A VnPro's technician is connected to the router console port. After configuring the commands displayed in the exhibit, the technician log out and then logs back in at the console. Which password does the technician need to enter at the router prompt get back into the privileged EXEC mode?

- A. Cisco.
- B. Cisco1.
- C. Cisco2.
- D. A password would not be required.