



Vendor: Cisco

Exam Code: 640-802

Exam Name: CCNA - Cisco Certified Network Associate

Version: DEMO

QUESTION 1

An administrator is unsuccessful in adding VLAN 50 to a switch. While troubleshooting the problem, the administrator views the output of the show vtp status command, which is displayed in the graphic. What commands must be issued on this switch to add VLAN 50 to the database? (Choose two.)

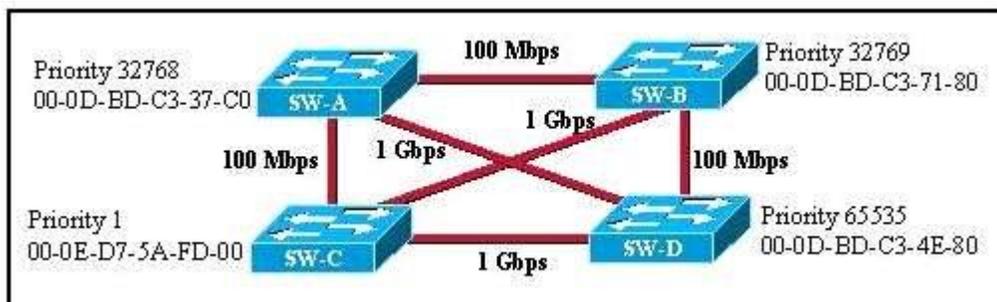
```
Switch# show vtp status
VTP Version                : 2
Configuration Revision     : 7
Maximum VLANs supported local : 68
Number of existing VLANs   : 8
VTP Operating Mode         : Client
VTP Domain Name            : corp
VTP Pruning Mode           : Disabled
VTP V2 Mode                : Disabled
VTP Traps Generation       : Disabled
MD5 digest                 : 0x220xF3 0x1A
Configuration last modified by 172.18.22.15 at 5-28-03 11:53:20
```

- A. Switch(config-if)# switchport access vlan 50
- B. Switch(vlan)# vtp server
- C. Switch(config)# config-revision 20
- D. Switch(config)# vlan 50 name Tech
- E. Switch(vlan)# vlan 50
- F. Switch(vlan)# switchport trunk vlan 50

Answer: BE

QUESTION 2

Refer to the exhibit. Based on the information given, which switch will be elected root bridge and why?



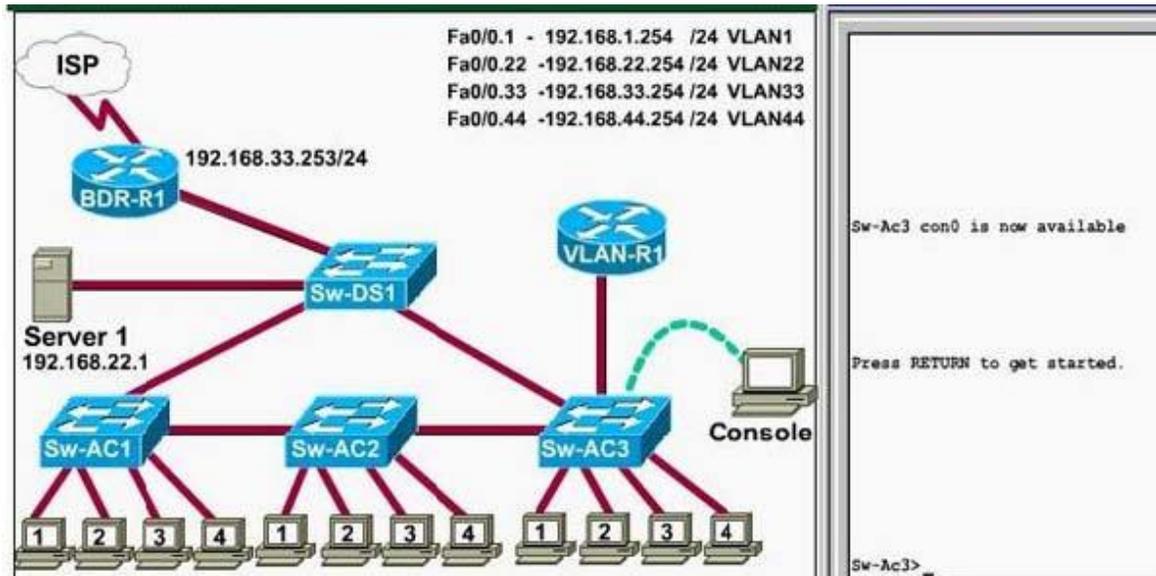
- A. Switch A, because it has the lowest MAC address
- B. Switch A, because it is the most centrally located switch
- C. Switch B, because it has the highest MAC address
- D. Switch C, because it is the most centrally located switch
- E. Switch C, because it has the lowest priority
- F. Switch D, because it has the highest priority

Answer: E

QUESTION 3

Lab – VTP Simulation

This task requires you to use the CLI of Sw-AC3 to answer five multiple-choice questions. This does not require any configuration. To answer the multiple-choice questions, click on the numbered boxes in the right panel. There are five multiple-choice questions with this task. Be sure to answer all five questions before leaving this item.



1 What interface did Sw-AC3 associate with source MAC address 0010.5a0c.ffba?

2

3 Fa 0/1

4 Fa 0/3

5 Fa 0/6

Fa 0/8

Fa 0/9

Fa 0/12

Answer: Fa 0/8

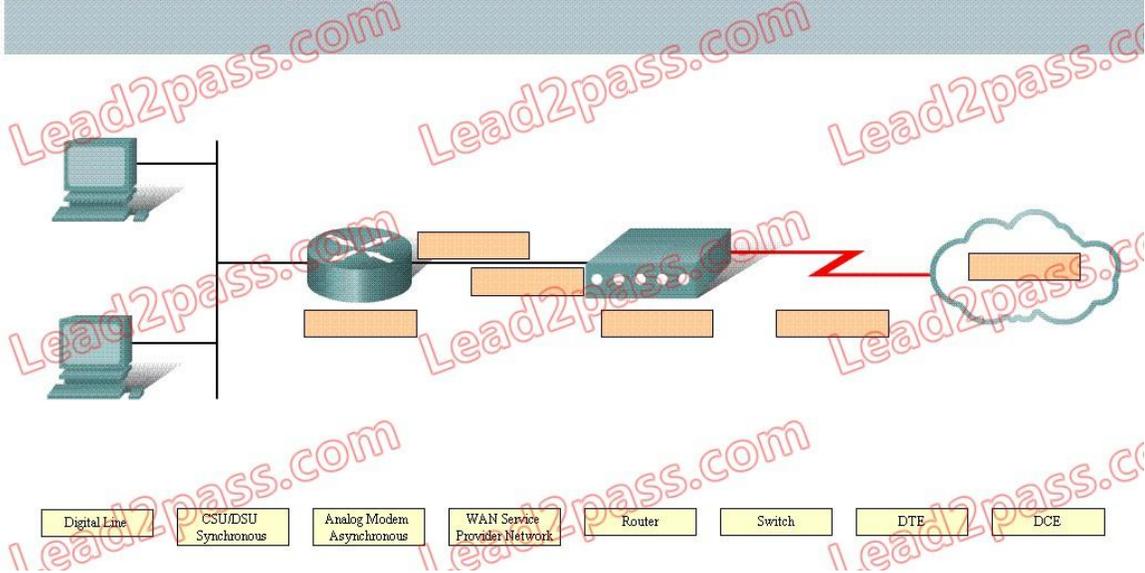
The VTP Simulation contains 9 questions.

PS: You can see the Comprehensive Question Description & Topology and Answer & Explanation From Full Version.

QUESTION 4

Refer to the exhibit. Complete the network diagram by dragging the correct device name or description to the correct location. Not all the names or descriptions will be used.

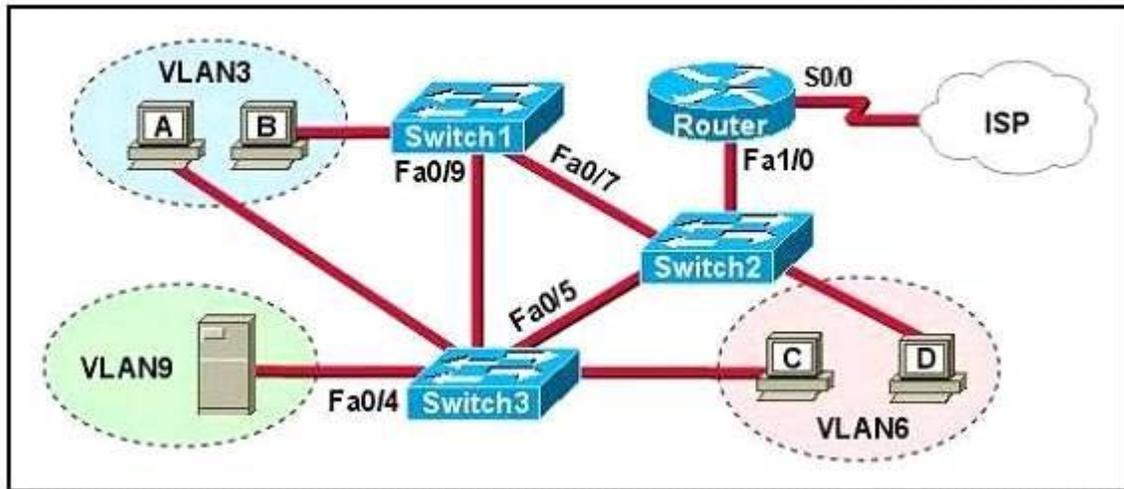
Refer to the exhibit. Complete this network diagram by dragging the correct device name or description to the correct location. Not all the names or descriptions will be used.



PS: Answer & Explanation see Full Version

QUESTION 5

Refer to the exhibit. A problem with network connectivity has been observed. It is suspected that the cable connected to switch port Fa0/9 on Switch1 is disconnected. What would be an effect of this cable being disconnected?



- A. Host B would not be able to access the server in VLAN9 until the cable is reconnected.
- B. Communication between VLAN3 and the other VLANs would be disabled.
- C. The transfer of files from Host B to the server in VLAN9 would be significantly slower.
- D. For less than a minute, Host B would not be able to access the server in VLAN9. Then normal network function would resume.

Answer: D

QUESTION 6

Drag and Drop

Drag the description on the left to the routing protocol on the right. (Not all options are used.)

is vendor-specific	<div style="border: 1px solid black; padding: 5px;"> EIGRP <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> </div> <div style="border: 1px solid black; padding: 5px;"> OSPF <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> </div>
uses cost as its metric	
uses hop count as its metric	
uses the Bellman-Ford algorithm	
elects a DR on each multiaccess network	
has a default administrative distance of 90	

Drag and drop question. Drag the items to the proper locations.

Answer:

Drag the description on the left to the routing protocol on the right. (Not all options are used.)

is vendor-specific	<div style="border: 1px solid black; padding: 5px;"> EIGRP <div style="border: 1px solid black; padding: 2px;">is vendor-specific</div> <div style="border: 1px solid black; padding: 2px;">has a default administrative distance of 90</div> </div> <div style="border: 1px solid black; padding: 5px;"> OSPF <div style="border: 1px solid black; padding: 2px;">uses cost as its metric</div> <div style="border: 1px solid black; padding: 2px;">elects a DR on each multiaccess network</div> </div>
uses cost as its metric	
uses hop count as its metric	
uses the Bellman-Ford algorithm	
elects a DR on each multiaccess network	
has a default administrative distance of 90	

QUESTION 7

Drag the description on the left to the routing protocol on the right.

Order the DHCP message types as they would occur between a DHCP client and a DHCP server.

DHCPACK	
DHCPOFFER	
DHCPDISCOVER	
DHCPREQUEST	

Drag and drop question. Drag the items to the proper locations.

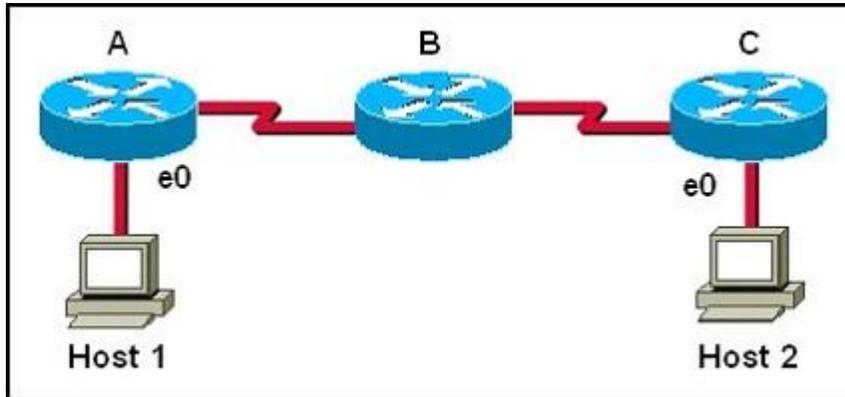
Answer:

Order the DHCP message types as they would occur between a DHCP client and a DHCP server.

DHCPACK	DHCPDISCOVER
DHCPOFFER	DHCPOFFER
DHCPDISCOVER	DHCPREQUEST
DHCPREQUEST	DHCPACK

QUESTION 8

Host 1 is trying to communicate with Host 2. The e0 interface on Router C is down. Which of the following are true? (Choose two.)



- A. Router C will use ICMP to inform Host 1 that Host 2 cannot be reached.
- B. Router C will use ICMP to inform Router B that Host 2 cannot be reached.
- C. Router C will use ICMP to inform Host 1, Router A, and Router B that Host 2 cannot be reached.
- D. Router C will send a Destination Unreachable message type.
- E. Router C will send a Router Selection message type.
- F. Router C will send a Source Quench message type.

Answer: AD

QUESTION 9

Refer to the exhibit. After a RIP route is marked invalid on Router_1, how much time will elapse before that route is removed from the routing table?

```
Router_1# show ip protocols
Routing Protocol is "rip"
  Sending updates every 30 seconds, next due in 8 seconds
  Invalid after 180 seconds, hold down 180, flushed after 240
  Outgoing update filter list for all interfaces is not set
  Incoming update filter list for all interfaces is not set
  <output omitted>

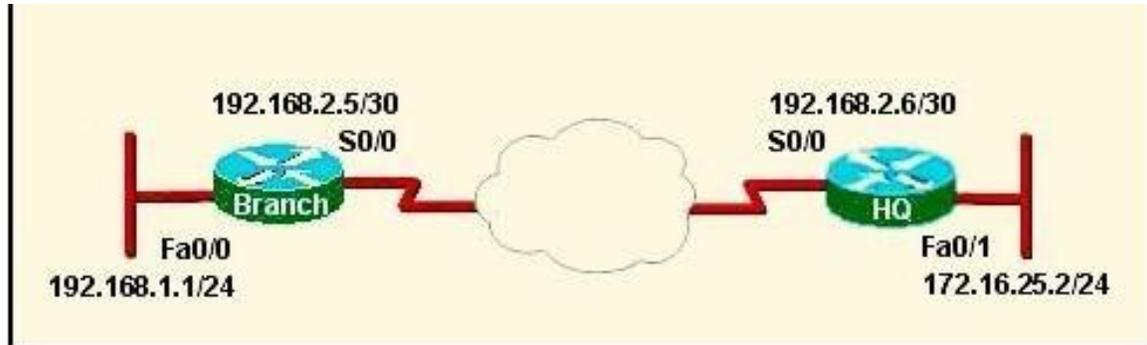
Router_1#
```

- A. 30 seconds
- B. 60 seconds
- C. 90 seconds
- D. 180 seconds
- E. 240 seconds

Answer: E

QUESTION 10

Refer to the exhibit. A network associate has configured the internetwork that is shown in the exhibit, but has failed to configure routing properly.



Which configuration will allow the hosts on the Branch LAN to access resources on the HQ LAN with the least impact on router processing and WAN bandwidth?

- A. HQ(config)# ip route 192.168.1.0 255.255.255.0 192.168.2.5
Branch(config)# ip route 172.16.25.0 255.255.255.0 192.168.2.6
- B. HQ(config)# router rip
HQ(config-router)# network 192.168.2.0
HQ(config-router)# network 172.16.0.0
Branch(config)# router rip
Branch(config-router)# network 192.168.1.0
Branch(config-router)# network 192.168.2.0
- C. HQ(config)# router eigrp 56
HQ(config-router)# network 192.168.2.4
HQ(config-router)# network 172.16.25.0
Branch(config)# router eigrp 56
Branch(config-router)# network 192.168.1.0
Branch(config-router)# network 192.168.2.4
- D. HQ(config)# router ospf 1
HQ(config-router)# network 192.168.2.4 0.0.0.3 area 0
HQ(config-router)# network 172.16.25.0 0.0.0.255 area 0
Branch(config)# router ospf 1
Branch(config-router)# network 192.168.1.0 0.0.0.255 area 0

Answer: A

QUESTION 11

Which additional configuration step is necessary in order to connect to an access point that has SSID broadcasting disabled?

- A. Set the SSID value in the client software to public.
- B. Configure open authentication on the AP and the client.
- C. Set the SSID value on the client to the SSID configured on the AP.
- D. Configured MAC address filtering to permit the client to connect to the AP.

Answer: C

QUESTION 12

What is the default administrative distance of the OSPF routing protocol?

- A. 90
- B. 100
- C. 110
- D. 120
- E. 130
- F. 170

Answer: C

QUESTION 13

A network administrator is troubleshooting an EIGRP problem on a router and needs to confirm the IP addresses of the devices with which the router has established adjacency. The retransmit interval and the queue counts for the adjacent routers also need to be checked. What command will display the required information?

- A. Router# show ip eigrp adjacency
- B. Router# show ip eigrp topology
- C. Router# show ip eigrp interfaces
- D. Router# show ip eigrp neighbors

Answer: D

QUESTION 14

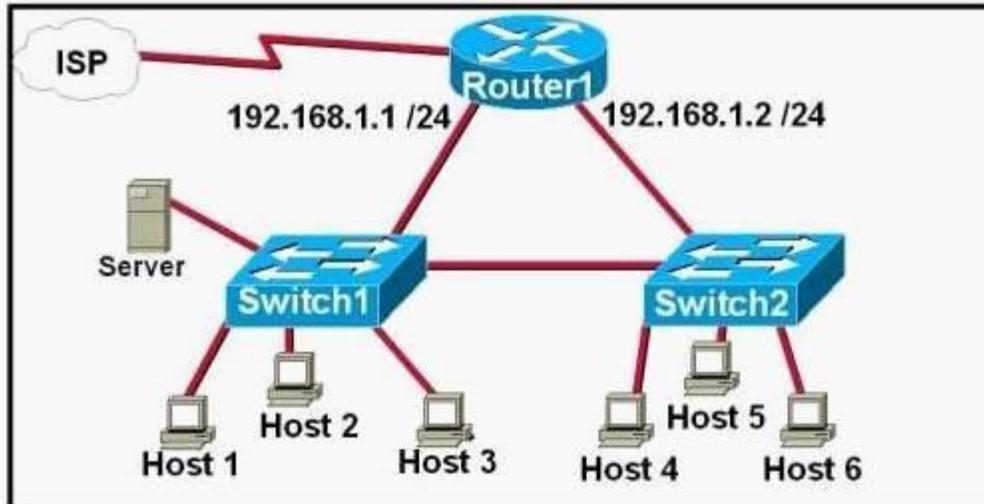
All WAN links inside the ABC University network use PPP with CHAP for authentication security. Which command will display the CHAP authentication process as it occur between two routers in the network?

- A. show chap authentication
- B. show interface serial0
- C. debug ppp authentication
- D. debug chap authentication
- E. show ppp authentication chap

Answer: C

QUESTION 15

Refer to the exhibit. A network technician is asked to design a small network with redundancy. The exhibit represents this design, with all hosts configured in the same VLAN. What conclusions can be made about this design?

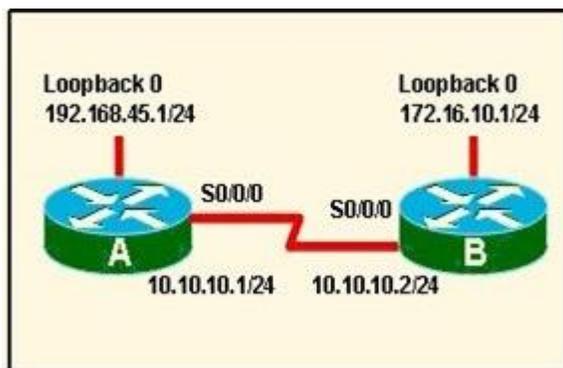


- A. The design will function as intended
- B. Spanning-tree will need to be used.
- C. The router will not accept the addressing scheme.
- D. The connection between switches should be a trunk.
- E. The router interfaces must be encapsulated with the 802.1Q protocol.

Answer: C

QUESTION 16

Refer to the exhibit. When running OSPF, What would cause router A not to form an adjacency with router B?

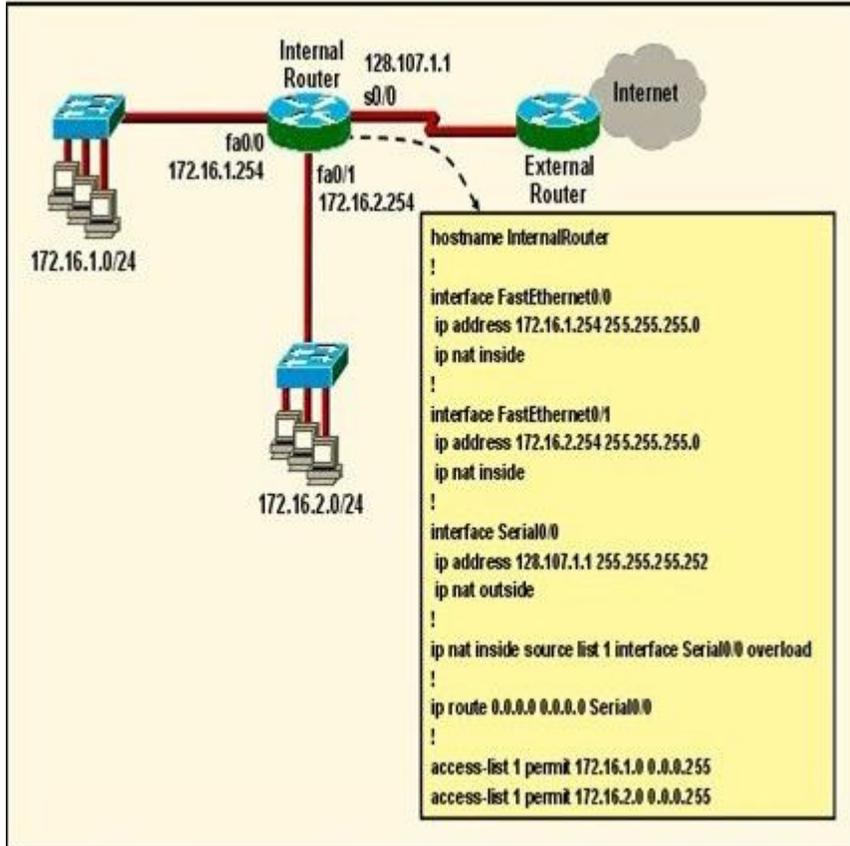


- A. The loopback addresses are on different subnets.
- B. The value of the dead timers on the router are different.
- C. Route summarization is enabled on both routers.
- D. The process identifier on router A is different than the process identifier on router B.

Answer: B

QUESTION 17

Refer to the exhibit. What statement is true of the configuration for this network?



- A. The configuration that is shown provides inadequate outside address space for translation of the number of inside addresses that are supported.
- B. Because of the addressing on interface FastEthernet0/1, the Serial0/0 interface address will not support the NAT configuration as shown.
- C. The number 1 referred to in the ip nat inside source command references access-list number 1.
- D. ExternalRouter must be configured with static routes to network 172.16.2.0/24

Answer: C

QUESTION 18

A network administrator receives an error message while trying to configure the Ethernet interface of a router with IP address 10.24.24.24/29. Which statement explains the reason for this issue?

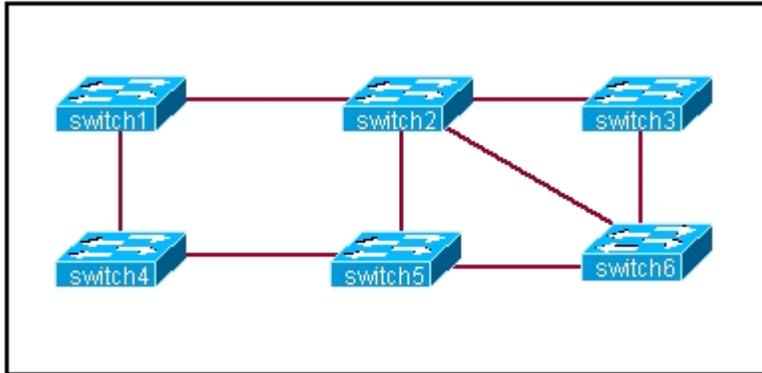
- A. This address is a broadcast address.
- B. VLSM-capable routing protocols must be enabled first on the router.
- C. The Ethernet interface is faulty.
- D. This address is a network address.

Answer: D

QUESTION 19

Refer to Exhibit. Based on the network shown in the graphic which option contains both the potential networking problem and the protocol or setting that should be used to prevent the

problem?



- A. routing loops, hold down timers
- B. switching loops, split horizon
- C. routing loops, split horizon
- D. switching loops, VTP
- E. routing loops, STP
- F. switching loops, STP

Answer: F

QUESTION 20

If all OSPF routers in a single area are configured with the same priority value, what value does a router use for the OSPF router ID in the absence of a loopback interface?

- A. the IP address of the first Fast Ethernet interface
- B. the IP address of the console management interface
- C. the highest IP address among its active interfaces
- D. the lowest IP address among its active interfaces
- E. the priority value until a loopback interface is configured

Answer: C