

Exam Code: 640-803

Exam Name: Cisco Certified Network Associate

Vendor: CISCO

Version: 3.00

Part: A

1: Which two methods are examples of implementing Layer 2 security on a Cisco switch?
(Choose two.)

- A.disable trunk negotiation on the switch
- B.enable Cisco Discovery Protocol globally to monitor for malicious devices
- C.configure a switch port host where appropriate
- D.enable HTTP access to the switch for security troubleshooting
- E.use only protected Telnet sessions to connect to the Cisco device
- F.install a modem on the auxiliary port for emergency access

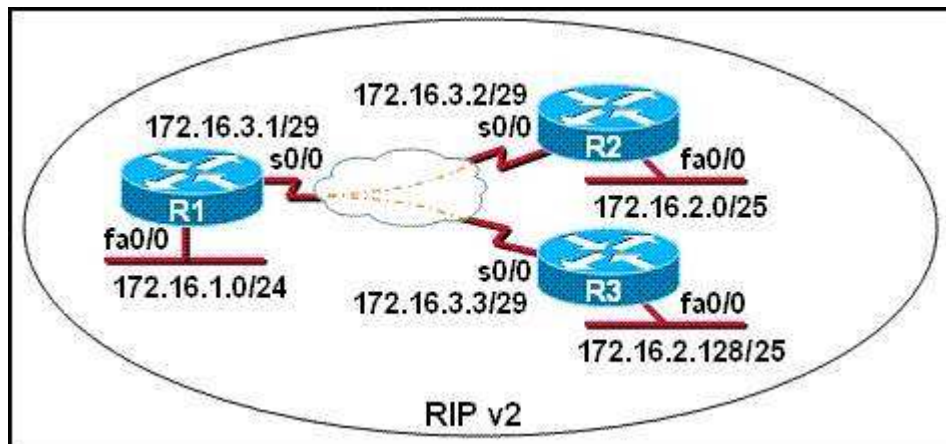
Correct Answers: A C

2: Which type of attack is characterized by a flood of packets that are requesting a TCP connection to a server?

- A.denial of service
- B.brute force
- C.reconnaissance
- D.Trojan horse

Correct Answers: A

3: Refer to the exhibit. S0/0 on R1 is configured as a multipoint interface to communicate with R2 and R3 in this hub-and-spoke Frame Relay topology. While testing this configuration, a technician notes that pings are successful from hosts on the 172.16.1.0/24 network to hosts on both the 172.16.2.0/25 and 172.16.2.128/25 networks. However, pings between hosts on the 172.16.2.0/25 and 172.16.2.128/25 networks are not successful. What could explain this connectivity problem?



- A.The ip subnet-zero command has been issued on the R1 router.
- B.The RIP v2 dynamic routing protocol cannot be used across a Frame Relay network.
- C.Split horizon is preventing R2 from learning about the R3 networks and R3 from learning about the R2 networks.
- D.The 172.16.2.0/25 and 172.16.2.128/25 networks are overlapping networks that can be seen by R1, but not between R2 and R3.
- E.The 172.16.3.0/29 network used on the Frame Relay links is creating a discontinuous network between the R2 and R3 router subnetworks.

Correct Answers: C

4: Which of the following are true regarding the command output shown in the display? (Choose two.)

```
RtrA#debug ip rip
RIP protocol debugging is on
RtrA#
1d05h: RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0 (172.16.1.1)
1d05h: RIP: build update entries
1d05h: network 10.0.0.0 metric 1
1d05h: network 192.168.1.0 metric 2
1d05h: RIP: sending v1 update to 255.255.255.255 via Serial0/0 (10.0.8.1)
1d05h: RIP: build update entries
1d05h: network 172.16.0.0 metric 1
RtrA#
1d05h: RIP: received v1 update from 10.0.15.2 on Serial0/0
1d05h: 192.168.1.0 in 1 hops
1d05h: 192.168.168.0 in 16 hops (inaccessible)
```

- A. There are at least two routers participating in the RIP process.
- B. A ping to 192.168.168.2 will be successful.
- C. A ping to 10.0.15.2 will be successful.
- D. RtrA has three interfaces participating in the RIP process.

Correct Answers: A C

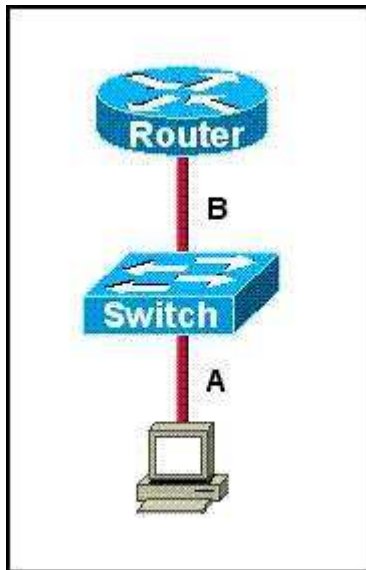
5: Refer to the exhibit. What is the effect of the configuration that is shown?

```
line vty 0 4
 password 7 030752180500
 login
 transport input ssh
```

- A. It configures SSH globally for all logins.
- B. It tells the router or switch to try to establish an SSH connection first and if that fails to use Telnet.
- C. It configures the virtual terminal lines with the password 030752180500.
- D. It configures a Cisco network device to use the SSH protocol on incoming communications via the virtual terminal ports.
- E. It allows seven failed login attempts before the VTY lines are temporarily shutdown.

Correct Answers: D

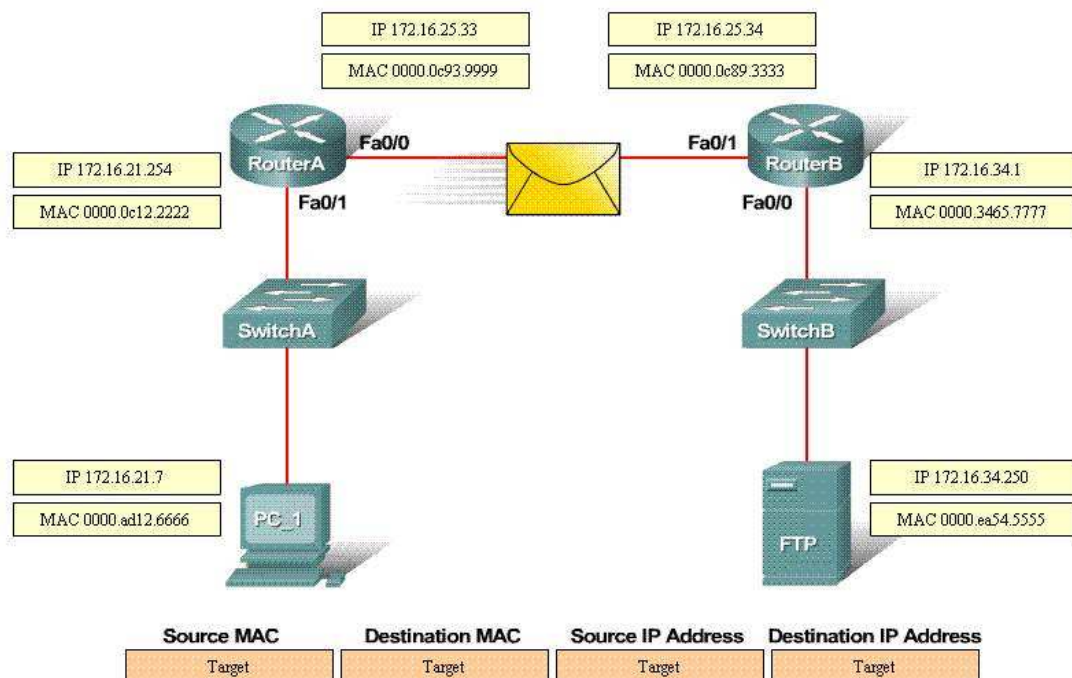
6: Refer to the exhibit. The two connected ports on the switch are not turning orange or green. What would be the most effective steps to troubleshoot this physical layer problem? (Choose three.)



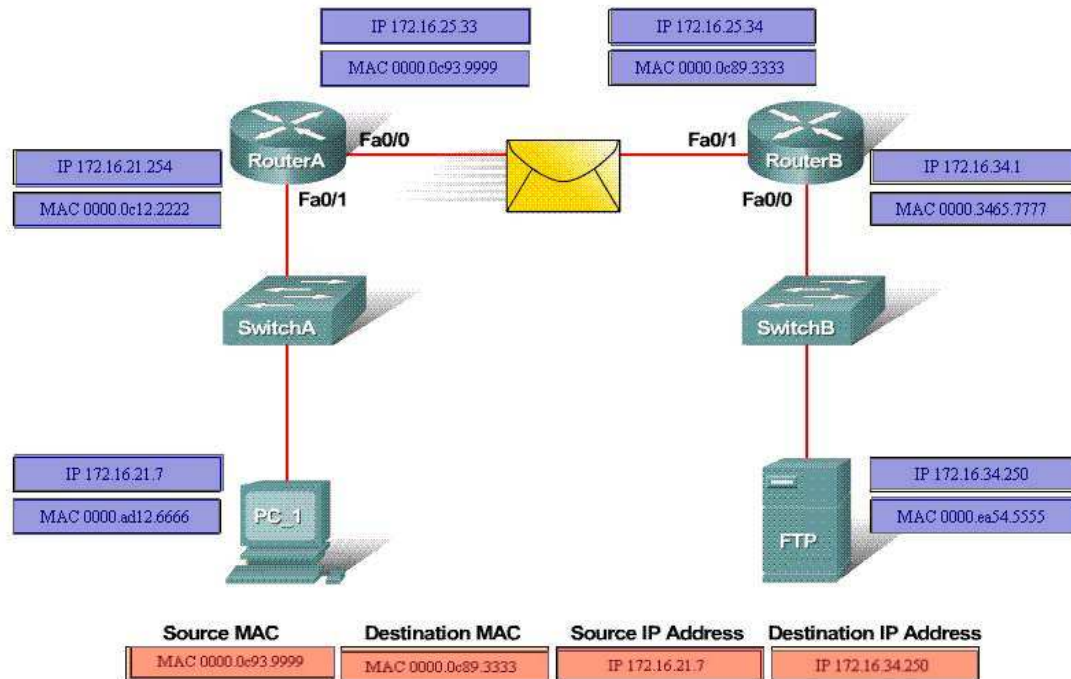
- A.Ensure that the Ethernet encapsulations match on the interconnected router and switch ports.
- B.Ensure that cables A and B are straight-through cables.
- C.Ensure cable A is plugged into a trunk port.
- D.Ensure the switch has power.
- E.Reboot all of the devices.
- F.Reseat all cables.

Correct Answers: B D F

7: Refer to the exhibit. PC_1 is sending packets to the FTP server. Consider the packets as they leave RouterA interface Fa0/0 towards RouterB. Drag the correct frame and packet address to their place in the table.



Correct Answers:

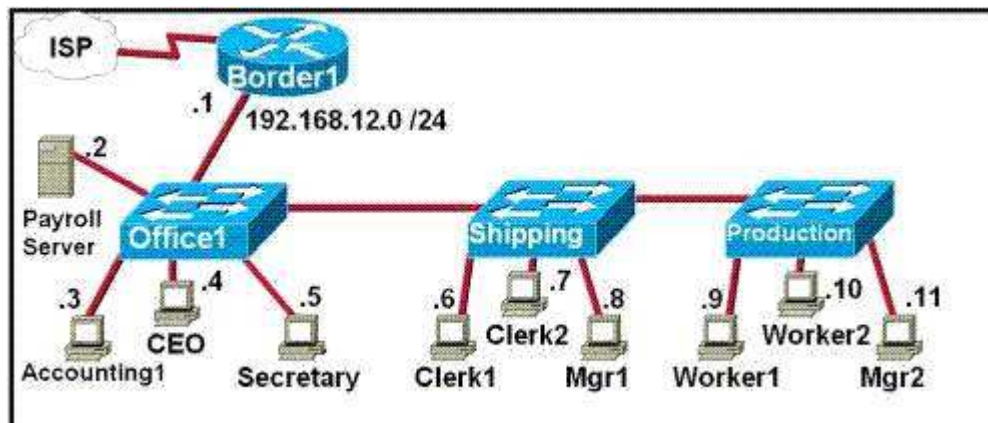


Source MAC : 0000.0c93.9999

Source IP : 172.16.21.7

Destination MAC : 0000.0c89.3333

8: Refer to the exhibit. The FMJ manufacturing company is concerned about unauthorized access to the Payroll Server. The Accounting1, CEO, Mgr1, and Mgr2 workstations should be the only computers with access to the Payroll Server. What two technologies should be implemented to help prevent unauthorized access to the server? (Choose two.)



A.access lists

B.encrypted router passwords

C.STP

D.VLANs

E.VTP

F.wireless LANs

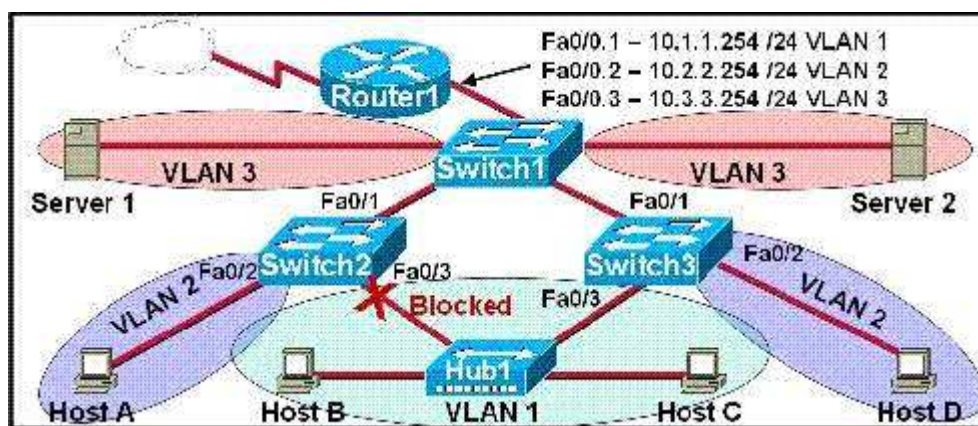
Correct Answers: A D

9: An administrator is configuring a router that will act as the hub in a Frame Relay hub-and-spoke topology. What is the advantage of using point-to-point subinterfaces instead of a multipoint interface on this router?

- A.It avoids split-horizon issues with distance vector routing protocols.
- B.Only one IP network address needs to be used to communicate with all the spoke devices.
- C.Point-to-point subinterfaces offer greater security compared to a multipoint interface configuration.
- D.Only a single physical interface is needed with point-to-point subinterfaces, whereas a multipoint interface logically combines multiple physical interfaces.

Correct Answers: A

10: Which statement is correct about the internetwork shown in the diagram?



- A.Switch 2 is the root bridge.
- B.Spanning Tree is not running.
- C.Host D and Server 1 are in the same network.
- D.No c

ERROR: rangecheck
OFFENDING COMMAND: xshow

STACK:

```
[44 24 24 24 34 24 44 44 34 22 39 39 44 22 44 39 39 44 29 22 24 44 21 24
 29 39 27 29 24 39 22 44 39 24 63 39 39 44 22 64 44 34 24 22 59 22 38 44
44 21 64 44 34 24 22 58 0 ]
(ollisions can occur in traffic between Host B and Host C.)
```