

Practice Exam Questions



Cisco Certified
Network Associate



Total Question: 455 QAs

QUESTION 1

You are the network administrator for your company and have configured Cisco Discovery Protocol (CDP) in your network. You recently noticed that when devices send large numbers of CDP neighbor announcements, some devices are crashing. You decide to disable CDP on the router.

Which command should you use to achieve the objective?

- A. no cdp run
- B. set cdp disable
- C. no cdp enable
- D. no cdp advertise-v2

Correct Answer: A

QUESTION 2

Which is NOT a valid range for private IP addresses?

- A. 10.0.0.0 - 10.255.255.255
- B. 172.16.0.0 - 172.31.255.255
- C. 192.168.0.0 - 192.168.255.255
- D. 192.255.255.255-193.0.0.0

Correct Answer: D

QUESTION 3

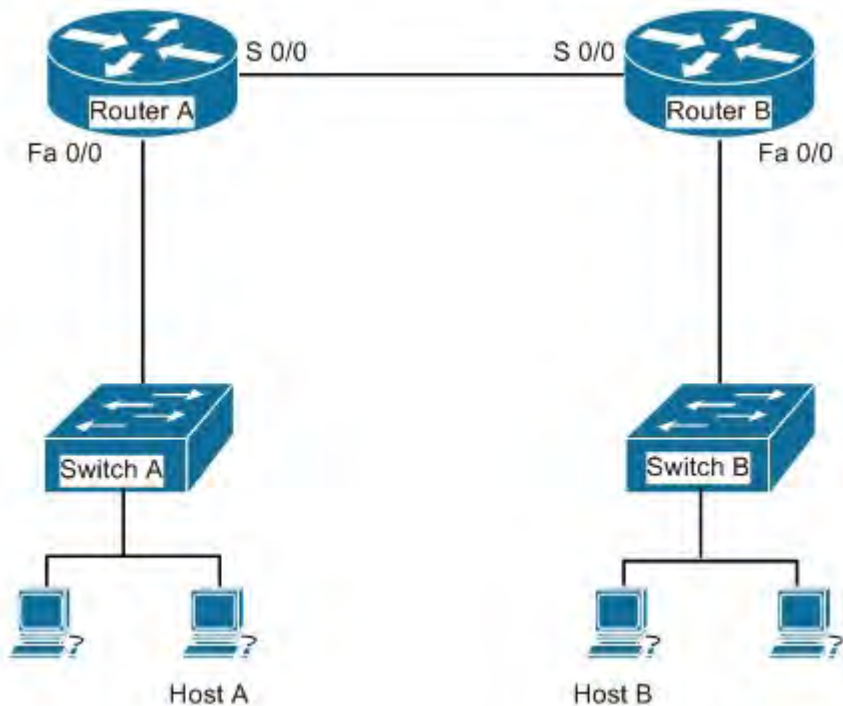
Which of the following protocols allow the root switch location to be optimized per VLAN? (Choose all that apply.)

- A. PVST+
- B. RSTP
- C. PVRST
- D. STP

Correct Answer: AC

QUESTION 4

Your assistant just finished configuring a small test network as part of his training. The network is configured as shown in the diagram below:



When testing the configuration, you find that Host A in the diagram cannot ping Host B.

Which of the following pairs of connections are required to be in the same subnet for Host A to be able to ping Host B? (Choose all that apply.)

- A. The IP address of Host A and the IP address of the Fa0/0 interface of Router A
- B. The IP address of the Fa0/0 interface of Router A and the IP address of the Fa0/0 interface of Router B
- C. The IP address of Host A and the IP address of the Fa0/0 interface of Router B
- D. The IP address of Host A and the IP address of Switch A
- E. The IP address of the S 0/0 interface of Router A and the IP address of the S 0/0 interface of Router B
- F. The IP address of Host A and the IP address of Host B
- G. The IP address of Host B and the IP address of the Fa0/0 interface of Router B

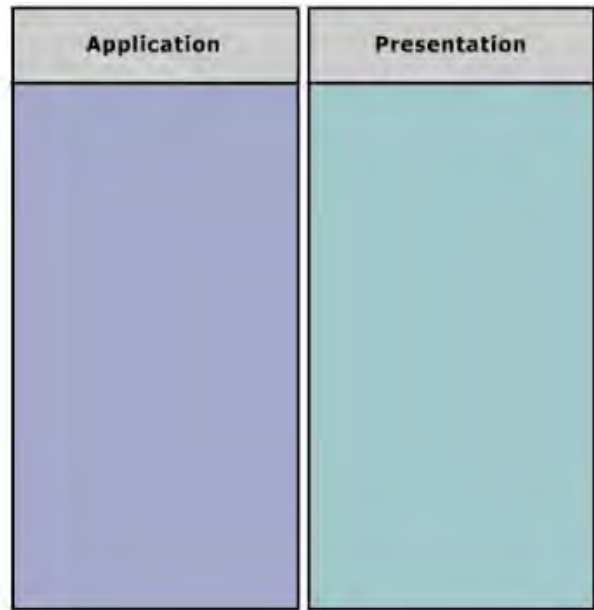
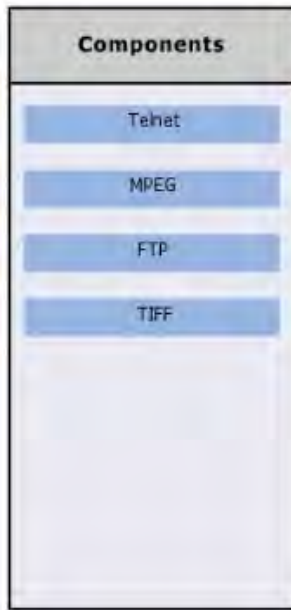
Correct Answer: AEG

QUESTION 5

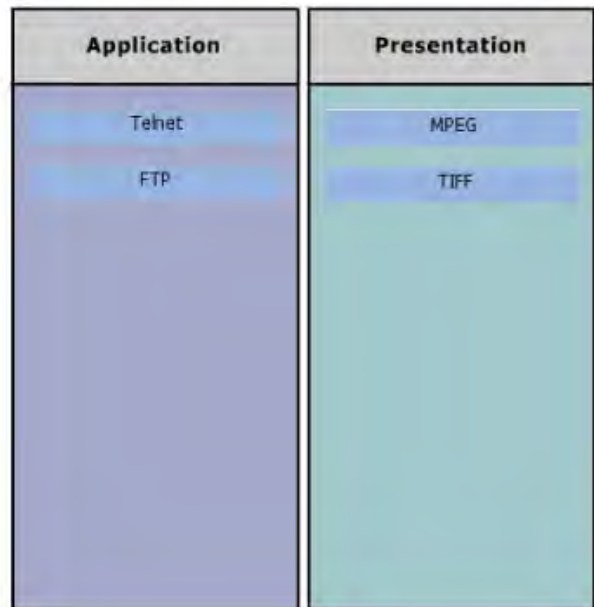
DRAG DROP

Click and drag the components on the left to their corresponding layers of the Open Systems Interconnection (OSI) model on the right.

Select and Place:



Correct Answer:



QUESTION 6

Which two fields are present in the output of the show ip interface brief command? (Choose two.)

- A. YES?
- B. Helper address
- C. OK?
- D. Method
- E. Proxy ARP

Correct Answer: CD

QUESTION 7

Which two modes are Cisco Internetwork Operating System (IOS) operating modes? (Choose two.)

- A. User Privileged mode
- B. User EXEC mode

- C. Local configuration mode
- D. Global configuration mode
- E. NVRAM monitor mode

Correct Answer: BD

QUESTION 8

Which of the following accurately describes the purpose of a trunk?

- A. A trunk is used to carry traffic for a single VLAN and is typically used between switches.
- B. A trunk is used to carry traffic for a single VLAN and is typically used between a switch and an end-user device.
- C. A trunk is used to carry multiple VLANs and is typically used between switches.
- D. A trunk is used to carry multiple VLANs and is typically used between a switch and a server.

Correct Answer: C

QUESTION 9

Which Ethernet LAN contention or access method listens for a signal on the channel before transmitting data, and stops transmitting if a collision is detected?

- A. CSMA/CA
- B. CSMA/CD
- C. CSMA/CB
- D. CSMA/CS

Correct Answer: B

QUESTION 10

What will be the effects of executing the following set of commands? (Choose all that apply.)

```
router(config)# router eigrp 44
router (config-router)# network 10.0.0.0
router (config-router)# network 192.168.5.0
```

- A. EIGRP will be enabled in AS 44
- B. EIGRP instance number 44 will be enabled
- C. EIGRP will be activated on the router interface 10.0.0.2/8
- D. EIGRP will be activated on the router interface 192.168.5.9/24
- E. EIGRP will be activated on the router interface 10.0.5.8/16
- F. EIGRP will be activated on the router interface 192.168.6.1/24

Correct Answer: ACDE

QUESTION 11

Users on the LAN are unable to access the Internet. How would you correct the immediate problem?