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Q&A

Exam : **920-245**

Title : Ethernet Switching

Version : DEMO

1. Which three switches support auto Media Dependent Interface Crossover (MDI/MDIX)? (Choose three.)

A. Ethernet Switch 425

B. Ethernet Switch 450

C. Ethernet Switch 460

D. Ethernet Switch 470

E. Ethernet Routing Switch 5510
Answer: ADE

2. Which Ethernet Routing Switch QoS feature ensures that the lower six egress queues are serviced in a fair, yet weighted manner?

A. WRR

B. WFQ

C. DSCP

D. TCP/UDP
Answer: A

3. Which route type in the Ethernet Routing Switch 8600 routing table provides additional routes for faster convergence in case of network/link failures?

A. best

B. direct

C. MPLS

D. ECMP
Answer: D

4. Which actions should be performed during a configuration of a QoS policy for a trusted interface?

A. drop traffic to a port

B. change of DSCP value

C. modification of 802.1p value

D. alteration of the drop precedence

Answer: A

5. Given the conditions: Left LED –green Right LED -flashing green On an Ethernet Routing Switch 8648TXE/M 10/100 Ethernet I/O module, what is the status of a port that is displaying the LED conditions described above?

A. Link speed is 10 Mbps and the port is disabled.

B. Link speed is 100 Mbps and the port is disabled.

C. Link speed is 10 Mbps and the port is passing traffic.

D. Link speed is 100 Mbps and the port is passing traffic.

Answer: D

6. A customer with an Ethernet Switch 470-24T wants to configure MAC address-based security. Given that they can create up to 10 MAC Destination Addresses (DA) to filter, how are all packets with specified DAs treated?

A. All packets with specified DAs are dropped.

B. All packets with specified DAs are dropped based on ingress port.

C. All packets with specified DAs are dropped based on VLAN membership.

D. All packets with specified DAs are dropped based on source address intrusion.

Answer: A

7. If one Multi Link Trunk is being used, how many fewer VLANs would be available on the Ethernet Routing Switch 8600?

A. 1

B. 4

C. 8

D. 16

Answer: C

8. You have installed a new Ethernet Switch 460-24T into a customer's network and are using the QoS Wizard to configure the QoS settings for various IP traffic flows. Which two IP applications can you directly choose in the QoS Wizard to prioritize inbound frames based on traffic type? (Choose two.)

A. E-mail (SMTP)

B. File Transfer (FTP)

C. Multicasting (IGMP)

D. Trivial File Transfer (TFTP)

E. Network Management (SNMP)
Answer: AB

9. In the event of a network failure, a customer requires that an Open Shortest Path First (OSPF) interface detect the failure within 30 seconds. Which Ethernet Routing Switch 8600 Command Line Interface (CLI) command must be used to ensure a network failure is detected in the required amount of time?

A. config vlan <vid> ip ospf metric 30

B. config vlan <vid> ip ospf priority 30

C. config vlan <vid> ip ospf hello-interval 30

D. config vlan <vid> ip ospf dead-interval 30
Answer: D

10. An Ethernet Switch 450-24T will be added to an existing stack of two Ethernet Switch 470-24Ts. The software Release running on the Ethernet Switch 450-24T is compatible with the software Release running on the Ethernet Switch 470-24Ts. To complete the stack creation successfully, which two configuration changes are necessary? (Choose two.)

A. Set the Unit Select switch on the Ethernet Switch 450-24T to the "Off" position.

B. Set the Unit Select switch on the Ethernet Switch 450-24T to "Base" ("On" position).

C. Set the Stack Mode for all Ethernet Switch 470-24Ts to Hybrid and then reset the stack.

D. Cable the Ethernet Switch 450-24T into the stack, power off all units, and then power up the stack.

E. Set the Stack Mode for the Base Ethernet Switch 470-24T to Hybrid and leave the other Ethernet Switch 470-24T as Pure.
Answer: AC