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Exam : 3COM 3M0-212

Title : 3Com Certified Enterprise LAN Pre-Sales Expert version 3.2

1. Using XRN stacking, what is the maximum number of 10/100 ports supported in a stack of Switch 5500G-EIs?

- A. 128
- B. 256
- C. 384
- D. 512

Answer: C

2. Your Maluti University (MU) data center design uses a single Switch 8814 to support the campus backbone, the server farm and the wiring-closet connections in Building 9. Which two current Switch 8800 features address Maluti University (MU) network requirements? (Choose two.)

- A. With no single point of failure, the switch creates a reliable, high-availability solution
- B. ATM support over OC3 provides greater data throughput on the campus backbone
- C. Cut through switching consistently provides lower latency for voice traffic on the LAN
- D. Multiple priority features ensure key applications will receive the best network response (e.g., eight priority queues per port, Weighted Random Early Detection (WRED) queuing and DiffServ support)

Answer: AD

3. Which Switch 5500 model(s) supports a 96 Gbps full-duplex XRN stacking connection?

- A. Switch 5500-SI
- B. Switch 5500-EI
- C. Switch 5500G-EI
- D. All of the above

Answer: C

4. Which two hardware features are supported on the Switch 5500-EI and Switch 5500-SI switch models? (Choose two.)

- A. 24 or 48 10/100 Mbps ports
- B. 24 or 48 10/100/1000 Mbps ports
- C. 2 Gbps, full-duplex XRN stacking link
- D. Mix and match either switch in a single stack

Answer: AC

5. Which two features are supported on the Switch 8800? (Choose two.)

- A. ATM over fiber links
- B. IEEE 802.3ae 10 gigabit Ethernet
- C. IEEE 802.3af Power over Ethernet (PoE)
- D. Store and forward and cut-through switching

Answer: BC

6. Which two are Layer 2 features of the Switch 5500 family? (Choose two.)

- A. Rapid Spanning Tree Protocol (RSTP)
- B. User definable MAC table aging period
- C. Super-VLANs
- D. GARP Multicast Registration Protocol (GMRP)

Answer: AB

7. Which two features are supported by all Switch 5500 models? (Choose two.)

- A. Dynamic and static routing
- B. Power over Ethernet (PoE)
- C. IEEE 802.1X Network Login
- D. Hot-swappable Application Module Slot

Answer: AC

8. If you chose the Switch 5500 family for the Maluti University (MU) distribution centers, which solution would you use to connect the distribution centers to the campus data center in Building 9?

- A. Use the Switch 5500-EI PWR 28-port model (3CR17171-91) and connect the data center to the SFP slots
- B. Use the Switch 5500-EI 28 port FX model (3CR17181-91) and connect the data center to the 100BASE-X SFP transceivers
- C. Use the Switch 5500-EI 28 port model (3CR17161-91) and connect the data center to the SFP slots with 1000BASE-SX SFP transceivers
- D. Use the Switch 5500G-EI 24 port model (3CR17250-91) and connect the data center to the 2-port 10G Application Media Module with 10GBASE-LR XFP Transceivers

Answer: D

9. How should you prioritize traffic on a network, if both voice and video are present on the network?

- A. Video and voice traffic should have equal priority
- B. Video traffic should have higher priority than voice traffic
- C. Voice traffic should have higher priority than video traffic

Answer: C

10. Which two are benefits of the Switch 5500 XRN Distributed Device Management (DDM) support? (Choose two.)

- A. Supports up to 12 switches in a single stack
- B. Creates a 12 Gbps full-duplex link between switches
- C. All switches within a stack act as a single logical device
- D. Resilient XRN architecture provides management access if any switch fails in a stack

Answer: CD

11. Which two are Layer 3 features of the Switch 5500-EI and 5500G-EI? (Choose two.)

- A. Dynamic IPX routing
- B. Border Gateway Protocol
- C. Multicast routing PIM Sparse and Dense Mode
- D. Static routes for routed environments where no routing protocol is used

Answer: CD

12. Using 3Com's XRN technology, you can mix Switch 5500-SI and Switch 5500-EI model switches to create a single switch stack.

- A. True
- B. False

Answer: B

13. Which two features are supported by all Switch 5500 models? (Choose two.)

- A. IEEE 802.1X Network Login
- B. Eight egress queues per port
- C. 24 or 48 10/100/1000 Mbps ports
- D. Hot-swappable Application Module Slot

Answer: AB

14. The Switch 5500G-EI supports a field-upgradeable, Power over Ethernet (PoE) power supply unit.

- A. True
- B. False

Answer: A

15. Which three features are only supported on the Switch 5500G-EI switch models? (Choose three.)

- A. Port-based VLANs
- B. 24 or 48 10/100/1000 Mbps ports
- C. PoE upgradeable power supply unit
- D. Hot-swappable Application Module Slot
- E. Four GBIC Small Form-factor Plug-in (SFP) ports

Answer: BCD

16. Only the Switch 5500G-EI supports all three XRN features: XRN Distributed Device Management (DDM), Distributed Link Aggregation (DLA) and Distributed Resilient Routing (DRR).

- A. True
- B. False

Answer: B

17. The Switch 5500 allows VLANs to be automatically assigned based on user credentials or on the MAC address of the device.

- A. True
- B. False

Answer: A

18. Which two software features are supported by all Switch 5500 models? (Choose two.)

- A. OSPF
- B. PIM Sparse Mode
- C. QoS prioritization and classification
- D. RADIUS Authenticated Device Access (RADA)

Answer: CD

19. If you chose the Switch 5500G-EI 24 port model (3CR17250-91) for the Maluti University (MU) distribution centers, which solution would you use to connect the distribution center to the wiring closets on the upper floors?

- A. Use the 10/100/1000BASE-T switch ports to connect the switch to the wiring closets

- B. Use 1000BASE-SX SFP Transceivers on the SFP gigabit ports to connect the switch to the wiring closets
- C. Use the 1-port 10G Application Media Module with 10GBASE-LR XFP Transceiver to connect the switch to the wiring closets
- D. Use 3Com's eXpandable Resilient Networking (XRN) Distributed Fabric technology to connect the switch to the wiring closets

Answer: B

20. Which two are features only supported on the Switch 5500-EI and Switch 5500G-EI models? (Choose two.)

- A. Up to 4,094 port-based VLANs
- B. 802.1X Authentication Support
- C. IEEE 802.3af Power over Ethernet (PoE)
- D. Protected ports communicate with other protected ports for inter-VLAN communications

Answer: AC

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