

642-052 Others

Cisco Routing and Switching SE/FE

Practice Exam: 642-052 Exams

Exam Number/Code: 642-052

Exam Name: Routing and Switching SE/FE

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Exam : Cisco 642-052

Title : Routing and Switching SE/FE

1. How does a Layer 2 switch handle multicast traffic, by default?

- A. It blocks multicast traffic on all ports.
- B. It delivers multicast traffic to all ports.
- C. It delivers multicast traffic only to ports that subscribe to it.
- D. It delivers multicast traffic only to clients that are a member of a multicast group.

Answer: B

2. Given the configuration:
access-list 101 permit ip any any
access-list 101 deny tcp any any eq ftp
dialer-list 2 protocol ip list 101
Which two statements about the configuration are true with respect to FTP traffic and DDR?

(Choose two.)

- A. FTP traffic will be forwarded.
- B. FTP traffic will not be forwarded.
- C. FTP will cause the line to come up.
- D. Since FTP uses two sockets, both must be defined to prevent packet forwarding.

Answer: AC

3. Which implementation of SPAN is designed to support source ports, source VLANs, and destination ports across different switches?

- A. RVSPAN
- B. MSPAN
- C. VSPAN
- D. RSPAN

Answer: D

4. What does the Cisco 3725 have?

- A. 2 network module slots, 3 VWIC slots, and 2 AIM slots
- B. 1 network module slot, 3 VWIC slots, and 2 AIM slots
- C. 3 network module slots, 2 VWIC slots, and 2 AIM slots
- D. 2 network module slots, 3 VWIC slots, and 3 AIM slots

Answer: A

5. Which two routers support the use of Etherswitch modules and provide power to IP phones with the use of an external power supply? (Choose two.)

- A. Cisco 2650
- B. Cisco 2691
- C. Cisco 3725
- D. Cisco 3745

Answer: AB

6. Which command displays the number of successful and failed calls?

- A. show dialer
- B. show interface
- C. show isdn q931

D. show isdn active call

Answer: A

7. What is the default action of authentication when AAA is enabled but authentication is not set?

- A. Allow a user to access all resources after login.
- B. Disallow a user from access to all resources after login.
- C. Record all access of resources and who long the user accessed each resources.
- D. Not to record any access of resources the users accessed after login.
- E. Allow any user to login without checking the authentication database.
- F. Disallow any user from logging in with or without a valid username and password.

Answer: F

8. Which three can the 7200 support? (Choose three.)

- A. 2 AC power supplies
- B. 1 AC power supply only
- C. 1 DC power supply only
- D. 1 AC and 1 DC power supply

Answer: ABC

9. What is a primary difference between PPPoA and either PPPoE or RFC 1483 Bridge encapsulation methods?

- A. PPPoA requires host-based client software to provide connectivity and authentication.
- B. PPPoA does not support session authentication with the aggregation router.
- C. PPPoA is routed end-to-end from the user's PC (or local router) over ATM to the aggregation router.
- D. PPPoA provides simple bridged connections for an unlimited amount of hosts.

Answer: C

10. Which technology allows a service provider to support overlapping customer VLAN IDs over transparent LAN services?

- A. 802.1q tunneling
- B. ATM
- C. SDH
- D. IP+Optical

Answer: A

11. You have been asked to provide a router with thirty 10/100 Ethernet interfaces and room for more for future growth. The router must also provide security in the form of firewalls for each Ethernet interface. Which router should you install?

- A. Cisco 7206
- B. Cisco 7304
- C. Cisco 7513
- D. Cisco 7603

Answer: D

12. What are two purposes of the ACL sub-command in the crypto isakmp client configuration group {group-name | default} command? (Choose two.)

- A. enables split tunneling
- B. disables split tunneling
- C. indicates the protected range
- D. indicates the unprotected range

Answer: AC

13. Which two commands assign multiple ISDN BRI interfaces to a single hunt group? (Choose two.)

- A. dialer-group

- B. multilink ppp
- C. interface dialer
- D. dialer hunt-group
- E. dialer rotary-group

Answer: CE

14. From the figure, which frame-relay map command would configure a static address mapping from the central site to the branch site?

- A. frame-relay map ip 10.10.12.2 328 broadcast ietf
- B. frame-relay map ip 10.10.12.2 200 broadcast cisco
- C. frame-relay map ip 10.10.12.1 200 broadcast cisco
- D. frame-relay map ip 10.10.12.1 328 broadcast ietf

Answer: B

15. Which QoS technique avoids the problems that occur when tail drop is used as the congestion avoidance mechanism on the router?

- A. RSVP
- B. WRED
- C. CAR
- D. CBWFQ

Answer: B

16. What is the purpose of the dialer-list command when configuring a router to initiate a dial-on-demand routing ISDN call?

- A. It defines call destination parameters.
- B. It defines what constitutes interesting traffic.
- C. It provides for optional call parameters.
- D. It assigns a dialer-group to an interface.

Answer: B

17. What feature of the EZ VPN Remote makes it desirable to have Proxy DNS server support for the PCs attached to the VPN?

- A. Client mode with connect auto
- B. Client mode with connect manual
- C. Network Extension mode with connect auto
- D. Network Extension mode with connect manual

Answer: B

18. Which command verifies Frame Relay traffic-shaping parameters?

- A. show frame-relay pvc
- B. show frame-relay status
- C. show frame-relay interface
- D. show frame-relay map-class

Answer: A

19. Which three statements are correct with regard to the IEEE 802.1Q standard? (Choose three.)

- A. the packet is encapsulated with a 26 byte header and a 4 byte FCS
- B. the IEEE 802.1Q frame format adds a 4 byte field to a Ethernet frame
- C. the IEEE 802.1Q frame retains the original MAC destination address
- D. the IEEE 802.1Q frame uses multicast destination of 0x01-00-0c-00-00
- E. protocol uses point-to-point connectivity
- F. protocol uses point-to-multipoint connectivity

Answer: BCE

20. What are three disadvantages of a router-on-a-stick configuration for InterVLAN routing? (Choose three.)

- A. InterVLAN routing cannot be filtered by the router.
- B. The router becomes a single point of failure for the network.
- C. Routers will not route STP BPDUs.
- D. There is a possibility of inadequate bandwidth for each VLAN.
- E. Additional overhead on the router can occur.
- F. NetFlow Switching is required for InterVLAN accounting.

Answer: BDE

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