

Exam : Cisco 642-053

**Title : Access Routing and LAN
Switching Routing and
Switching SE/FE Exam**

Version : Demo

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1. Which three protocols can be used by the NAC solution to implement its functions? (Choose three.)

- A. IKE
- B. 802.1x
- C. RSA
- D. EAP
- E. RADIUS
- F. WEP

Answer: BDE

2. Which two features can SDM 2.0 configure? (Choose two.)

- A. resource monitoring
- B. PIM
- C. QoS
- D. SRST
- E. MPLS VPNs

Answer: AC

3. 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

4. Cisco's Long Reach Ethernet (LRE) is based on Ethernet over which type of DSL service?

- A. ADSL
- B. IDSL
- C. HDSL
- D. VDSL

Answer: D

5. 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

6. LCP is responsible for the negotiation of which function?

- A. IP address
- B. modulo size
- C. error correction
- D. frequency on the link

Answer: C

7. Which type of IGMP message is sent when a network client wants to join a multicast group?

- A. host membership query
- B. host membership report
- C. host membership status
- D. host membership notification

Answer: B

8. What are the two modes of operation for the EZ VPN Remote? (Choose two.)

- A. Client mode with NAT/PAT
- B. Client mode without NAT/PAT
- C. Network Extension mode with PAT
- D. Network Extension mode without PAT

Answer: AD

9. Which parameter will be used to determine when to disconnect an idle established DDR call, when the line is needed to place a DDR call to a different destination?

- A. The time specified by dialer idle-timeout.
- B. The time specified by dialer fast-idle.
- C. The value configured by dialer load-threshold.
- D. The presence of interesting traffic designated for a different destination will force an immediate disconnect.

Answer: B

10. Which Catalyst switch has modules tailored for VoIP?

- A. 2950
- B. 3550
- C. 4000
- D. 6500

Answer: D

11. Which T1 controller command is used to configure the controller for ISDN PRI operation?

- A. framing
- B. linecode
- C. pri-group
- D. isdn switch-type

Answer: C

12. 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

13. You have used CRWS to set up an auto EZ VPN connection using Client mode with PAT. Which statement is true about the connection?

- A. The connection uses the IP address of the outside interface to base the PAT address on and uses all other physical interface configurations.
- B. The connection ignores the physical outside address and uses addresses from the server for the both the inside and the outside addresses.
- C. The connection uses the IP address of the outside interface to base the PAT address on and uses server-supplied addresses for the inside interface and workstations.
- D. The connection ignores the outside IP address and uses one supplied by the server, while the inside addresses are used from the physical DHCP configuration of the client router.

Answer: D

14. What is the purpose of a CSU/DSU in a leased T1 WAN configuration?

- A. It provides encryption and compression for the security of transmitted data.
- B. It multiplexes individual 64K channels into a single circuit.
- C. It channelizes the leased T1 line into multiple 64K circuits.
- D. It provides signal timing for communications and interfaces to the digital transmission facility.
- E. It converts the analog T1 signals into digital signals for the router interface.

Answer: D

15. Which statement is true about the STP Path Cost on a particular port?

- A. It is known only to the local switch where the port resides.
- B. It can be modified to help determine Root Bridge selection.
- C. Modifying it can cause TCN BPDU to be sent to the Root Bridge.
- D. When increased, it can provide higher bandwidth to a connecting port.

Answer: A

16. You have decided to change the IP address of the inside network on a Cisco 800 broadband router

using CRWS to 192.168.5.0/24 with an IP address on the router's inside interface of 192.168.5.1/24. You have made NO manual changes to the configuration. What will the IP addressing look like on the router on the inside interface?

- A. There will be one address on the inside interface of 192.168.5.1.
- B. There will be a 10.x.x.x address on the inside interface as a primary and 192.168.5.1 will be secondary.
- C. There will be the 192.168.5.1 address on the inside interface as a primary and a 10.x.x.x address as secondary.
- D. There will be a 10.x.x.x address on the main inside interface and a sub-interface will have been created with the 192.168.5.1 address installed on it.

Answer: B

17. A company has unique dial requirements for each branch site that communicates with a central site router. Which two commands permit multiple physical interfaces on a central router to be shared by multiple remote sites while retaining their unique site requirements? (Choose two.)

- A. dialer pool
- B. dialer-list
- C. dialer-group
- D. dialer hunt-group
- E. dialer pool-member

Answer: AE

18. Which three features are provided by the new ASIC in the Cisco Integrated Services Router platform? (Choose three.)

- A. provides a nonblocking high-speed bus to each interface and slot on the router
- B. processes any specific services
- C. allows DSP resources to be shared between all interfaces
- D. optimizes packet flow to and from CPU to improve efficiency
- E. accelerates QoS and ACL processing
- F. provides time of day and calendar used for validating certificates from a certificate authority

Answer: ACD

19. 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

20. The new AIM-VPN module for the Cisco Integrated Services Router provides how many times better performance than the previous AIM-VPN modules?

- A. 2
- B. 4
- C. 10
- D. 15
- E. 20

Answer: C

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