[2016-NEW! 100% Valid 100-101 Exam Questions and Answers Everyone Want To Download (Question 41 – Question 60)

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A.   R2 and R3 B.   R1 and R3   C.   R3 and S2 D.   R1, S1, S2, and R3   E.   R1, S1, S2, R3, and S3 Answer: C QUESTION 47 Refer to the exhibit. The two routers have had their startup configurations cleared and have been restarted. At a minimum, what must the administrator do to enable CDP to exchange information between R1 and R2?
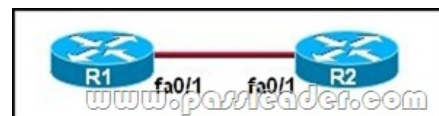
A.   Configure the router with the cdp enable command. B.   Enter no shutdown commands on the R1 and R2 fa0/1 interfaces. C.   Configure IP addressing and no shutdown commands on both the R1 and R2 fa0/1 interfaces. D.   Configure IP addressing and no shutdown commands on either of

the R1 or R2 fa0/1 interfaces. Answer: B QUESTION 48   Refer to the exhibit. The network administrator is testing connectivity from the branch router to the newly installed application server. What is the most likely reason for the first ping having a success rate of only 60 percent?
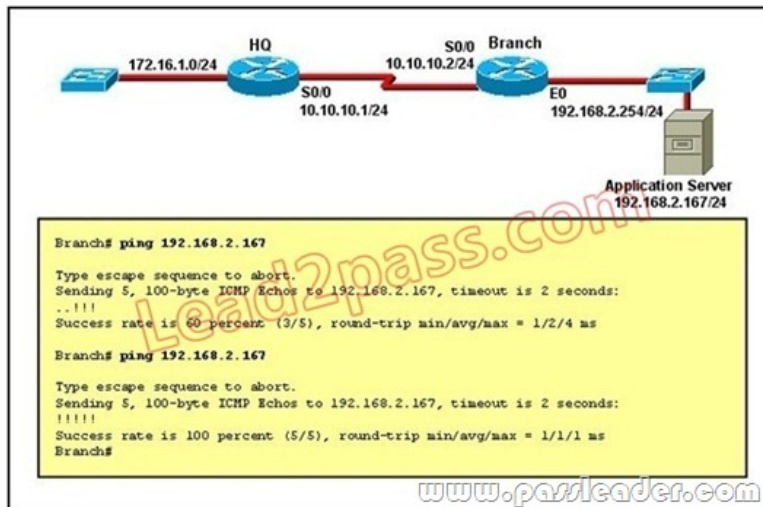

A.   The network is likely to be congested, with the result that packets are being intermittently dropped. B.   The branch router had to resolve the application server MAC address.   C.   There is a short delay while NAT translates the server IP address.   D.   A routing table lookup delayed forwarding on the first two ping packets.   E.   The branch router LAN interface should be upgraded to FastEthernet. Answer: B QUESTION 49   What two things does a router do when it forwards a packet? (Choose two.) A.   switches the packet to the appropriate outgoing interfaces B.   computes the destination host address C.   determines the next hop on the path   D.   updates the destination IP address E.   forwards ARP requests Answer: AC QUESTION 50   Which two of these functions do routers perform on packets? (Choose two.) A.   examine the Layer 2 headers of inbound packets and use that information to determine the next hops for the packets B.   update the Layer 2 headers of outbound packets with the MAC addresses of the next hops   C.   examine the Layer 3 headers of inbound packets and use that information to determine the next hops for the packets   D.   examine the Layer 3 headers of inbound packets and use that information to determine the complete paths along which the packets will be routed to their ultimate destinations E.   update the Layer 3 headers of outbound packets so that the packets are properly directed to valid next hops   F.   update the Layer 3 headers of outbound packets so that the packets are properly directed to their ultimate destinations Answer: BC QUESTION 51   Refer to the exhibit. Which two statements are correct? (Choose two.)
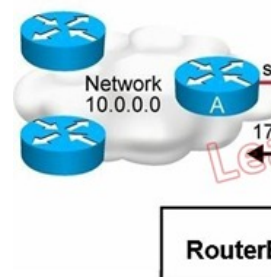

A.   This is a default route.   B.   Adding the subnet mask is optional for the ip route command.   C.   This will allow any host on the 172.16.1.0 network to reach all known destinations beyond RouterA.   D.   This command is incorrect, it needs to specify the interface, such as s0/0/0 rather than an IP address.   E.   The same command needs to be entered on RouterA so that hosts on the 172.16.1.0 network can reach network 10.0.0.0. Answer: AC QUESTION 52   Which statements are true regarding ICMP packets? (Choose two.) A.   They acknowledge receipt of TCP segments.   B.   They guarantee datagram delivery.   C.   TRACERT uses ICMP packets.   D.   They are encapsulated within IP datagrams.   E.   They are encapsulated within UDP datagrams. Answer: CD QUESTION 53   The command

ip route 192.168.100.160 255.255.255.224 192.168.10.2 was issued on a router. No routing protocols or other static routes are configured on the router. Which statement is true about this command?   A.   The interface with IP address 192.168.10.2 is on this router.   B.   The command sets a gateway of last resort for the router. C.   Packets that are destined for host 192.168.100.160 will be sent to 192.168.10.2. D.   The command creates a static route for all IP traffic with the source address 192.168.100.160.   Answer: C QUESTION 54   Refer to the exhibit. Host A can communicate with Host B but not with Hosts C or D. How can the network administrator solve this problem?
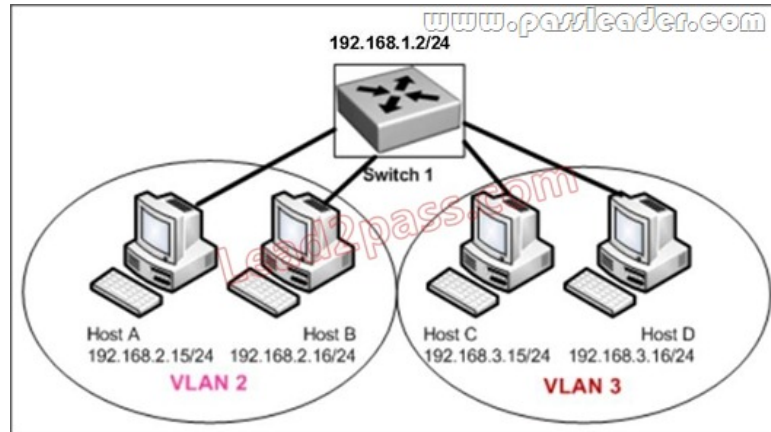
A.   Configure Hosts C and D with IP addresses in the 192.168.2.0 network.   B.   Install a router and configure a route to route between VLANs 2 and 3.   C.   Install a second switch and put Hosts C and D on that switch while Hosts A and B remain on the original switch.   D.   Enable the VLAN trunking protocol on the switch. Answer: B QUESTION 55   Refer to the exhibit. What is the simplest way to configure routing between the regional office network 10.89.0.0/20 and the corporate network?

A.   router1(config)#ip route 10.89.0.0 255.255.240.0 10.89.16.2   B.   router2(config)#ip route 10.89.3.0 255.255.0.0 10.89.16.2   C.   router1(config)#ip route 10.89.0.0 255.255.240.0 10.89.16.1   D.   router2(config)#ip route 0.0.0.0 0.0.0.0 10.89.16.1 Answer: D QUESTION 56   Refer to the exhibit. Which command would you use to configure a static route on Router1 to network 192.168.202.0/24 with a nondefault administrative distance?

A.   router1(config)#ip route 1 192.168.201.1 255.255.255.0 192.168.201.2   B.   router1(config)#ip route 192.168.202.0 255.255.255.0 192.168.201.2 1   C.   router1(config)#ip route 5

192.168.202.0 255.255.255.0 192.168.201.2   D.   router1(config)#ip route 192.168.202.0 255.255.255.0 192.168.201.2 5 Answer: D QUESTION 57   What does administrative distance refer to? A.   the cost of a link between two neighboring routers   B.   the advertised cost to reach a network   C.   the cost to reach a network that is administratively set   D.   a measure of the trustworthiness of a routing information source Answer: D QUESTION 58   Which IOS command is used to initiate a login into a VTY port on a remote router? A.   router# login   B.   router# telnet   C.   router# trace   D.   router# ping   E.   router(config)# line vty 0 5   F.   router(config-line)# login Answer: B QUESTION 59   In the configuration of NAT, what does the keyword overload signify? A.   When bandwidth is insufficient, some hosts will not be allowed to access network translation.   B.   The pool of IP addresses has been exhausted.   C.   Multiple internal hosts will use one IP address to access external network resources.   D.   If the number of available IP addresses is exceeded, excess traffic will use the specified address pool. Answer: C QUESTION 60   What happens when computers on a private network attempt to connect to the Internet through a Cisco router running PAT? A.   The router uses the same IP address but a different TCP source port number for each connection.   B.   An IP address is assigned based on the priority of the computer requesting the connection.   C.   The router selects an address from a pool of one-to-one address mappings held in the lookup table.   D.   The router assigns a unique IP address from a pool of legally registered addresses for the duration of the connection. Answer: A   Download the newest PassLeader 100-101 dumps from passleader.com now! 100% Pass Guarantee! 100-101 PDF dumps & 100-101 VCE dumps: http://www.passleader.com/100-101.html (238 Q&As) (New Questions Are 100% Available and Wrong Answers Have Been Corrected!) P.S. Free 100-101 PDF dumps download from Google Drive: https://drive.google.com/open?id=0B-ob6L_QjGLpWXpiS19TTDNRdzg (Explanation For Every Question Is Available!)