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February 8, 2018 Last updated July 31, 2020 CCNA v3.0 (200-125) 113 Comments Exam Description: Cisco Certified Network Associate (CCNA) Routing and Switching Composite Exam (200-125) is a 90-minute, 50-60 assessment questions that is associated with the CCNA Route and Switching. This exam tests candidate's knowledge and skills related to network fundamentals, LAN switching technologies, IPv4 and IPv6 routing technologies, WAN technologies, infrastructure services, infrastructure security, and infrastructure management. The following topic includes all the questions that can be included in the exam. Last Update: February 19, 2020 Fixed some answers to questions about table content: Section 1: Basics Network 15% Page 1 Section 2: Lan Switch Technologies 21% Page 2 Section 3: Routing Technologies 23% Page Section 4: WAN Technologies 10% Page 4 Section 5: Infrastructure Services 10% Page 5 Section 6: Infrastructure Security 11% Page 6 Section 7: Infrastructure Management 10% Page 7 Section 8: Update New Issues. Page 8 Section I: Basics of Network I.1. In what two formats can the address IPv6 fd15:0db8:0000:0000:0700:0003:400F:572B? (Choose two.) fd15:0db8:0000:0000:700:3:400F:527B fd15:0db8::7:3:4F:527B fd15::d b8:3:4F:527B fd15::d b8:3 700:3:400F:527B fd15:db8::700:3:400F:572B fd15:db8:0:700:3:4F:527B I.2. What are the three characteristics of the TCP protocol? (Choose three.) One SYN-ACK message is used to establish the connection. The connection is installed before the data is transmitted. This ensures that all data is transmitted and obtained using a remote device. It maintains significantly higher transmission speeds than UDP. Apps are required to determine when data packets need to be re-transferred. Separate SYN and ACK messages are used to connect. I.3. DRAG DROP. Drag and lower the terms Ethernet on the left to the correct descriptions on the right. Select and place: Correct answer: I.4. Check out the exhibit All routers on the network are configured with the ip subnet-zero command. What network addresses should I use for Link A and Network A? (Choose two.) Link A 172.16.3.0/30 Link A 172.16.3.112/30 Network 172.16.3.48/26 Network A 1 1 1 72.16.3.128/25 Link A 172.16.3.40/30 Network 172.16.3.192/26 I.5. What type of device can be replaced by the use of sub-grips for routing VLAN? Layer 2 Bridge Layer 2 Switch Layer 3 Switch router I.6. What are the two benefits of private IPv4 IP addresses? (Choose two.) They route just like public IP addresses. They are less expensive than public IP addresses. They can be assigned to devices without an Internet connection. They eliminate the need for NAT policies. They eliminate duplicate IP conflicts. What are the two types used to support dns-search? (Choose two.) ESX web server host reputable server file names names I.8 server name resolution. What are the three claims about IPv6 prefixes true? (Choose three.) FEC0::/10 is used to broadcast IPv6. FC00::/7 is used on private networks. FE80::/8 used for link-local unicast. FE80::/10 used for link-local unique. 2001:1/127 is used for loopback addresses. FF00:/8 used for IPv6 multicast. I.9. Contact the Exhibition Network Administrator may not connect to Switch 1 during the Telnet session, although hosts attached to Switch1 can ping the Fa0/0 router interface. Given the information on the graph and assuming that the router and Switch2 are configured properly, which of the following commands should be issued to Switch1 to fix the problem? Switch1 (config) ip default-gateway 192.168.24.1 Switch1 (config) interface fa0/1Switch1 (config-if) switch switch mode1 (config) line con0Switch1 (config-line) password ciscoSwitch1 (config-line) fa0/1S witch1 (config-if) - ip address 192.168.24.3 255.255.255.0 Switch1 (config) - fa0/1Switch1 interface (config-if) , duplex fullSwitch1 (config-if) speed 100 I.10. What are the two allegations about IPv6 protocols and routing are true? (Choose two.) Local address links are used to form the abut of routing. OSPFv3 was designed to support IPv6 routing. EIGRP, OSPF and BGP are the only routing protocols that support IPv6. Loopback addresses are used to form routing adjactions. EIGRPv3 was designed to support IPv6 routing. What happens if a private IP address is assigned to a public interface connected to the ISP? Addresses in the private range will not be routed on the Internet. Only the provider's router will be able to access the public network. The NAT process will be used to transfer that address to a valid IP address. The IP address conflict occurs because other public routers can use the same range. I.12. FALL OF RESISTANCE. Check out the exhibition. Select and place: Correct answer: I.13. What are the two claims about LAN wireless controllers true? (Choose two.) They can make it easier to manage and deploy wireless LANs. They rely on external firewalls for WLAN security. They are best suited for small wireless networks. They must be configured through a

departmental traffic. What is the effect of adding switch ports to the new VLAN on the switch? More collision domains will be created. Using IP addresses will be more effective. You'll need more bandwidth than previously required. An additional broadcast domain will be created. If you fix problems with Ethernet, can I check that the IP address is known to the router? Check whether the IP address is in the routing table, check if the ACL is blocking the IP address, check if the IP address is in the CAM table, check if the IP address is in the I.211 table. What are the two claims about the team's ipv6ip tunnel mode true? (Choose two.) This allows IPv6 packages to be transferred to the tunnel. He IPv4 as encapsulation protocol. It indicates IPv6 IPv6 encapsulation protocol. It defines IPv6 as a transport protocol. It states that the tunnel is the Teredo Tunnel. What configuration can I use to encapsulate the subsurface? FastEthernet interface 0/0 encapsulation point1 30 IP address 10.1.1.30 255.255.255.0 fastEthernet interface 0/0.30 IP address 10.1.1.30 255.255.255.0 Interface FastEthernet 0/0.30 IP address 10.1.1.30 255.255.255.0 Interface FastEthernet 0.0.30 IP address 10.1.1.30 255.255.255.0 interface FastEthernet 0.0.30 IP address 10.1.1.30 255.255.255.0 interface FastEthernet 0/0.30 IP address 10.1.1.30 255.255.255. 0.30 description subsurface vlan 30 interface FastEthernet 0/0.30 encapsulation point1 30 IP address 10.1.1.30 255.255.255.0 IP address 10.1.30 255.255.0 I.2133. What happens when 802.11a broadcasts within 802.11g? The access point transmits, but the node can not get. There's a connection. Both the site and the access point cannot be transmitted. The node transmits, but the access point can not get. I.214. The network administrator receives an error message when trying to set up the Ethernet router interface with an IP address of 10.24.24.24/29. What was the reason for the problem? This address is the address of the broadcast. Routing protocols capable of VLSM should be included primarily on the router. The Ethernet interface is faulty. This address is a network address. I.215. DRAG DROP. Drag and drop network functions on the left on the plane on which they work on the right. Select and place: Correct answer: I.216. What are the two statements about the 1000BASE-T UTP cable true? (Choose two.) It uses four wire pairs most suitable for installations up to 1,000 feet long That is most suitable for installations up to 1000 meters long Both ends of the cable can transmit and receive simultaneously It uses four I.217 wires. What are the two allegations about IPv6 multi-ticket addresses true? (Choose two.) They use the SET-top box FC80::/8 If the life setting is set on 1, the route is permanent They identify a group of interfaces on different devices They use the set-top box FF00:/8 If the area parameter is set at 5, the route is local to the I.218 node. Which command can be entered on a Cisco iOS device to enable a planned algorithm that directs search calls to multiple DNS hosts? IP server names 192.168.10.14 192.168.10.15 IP domain list IP domain lookup IP domain circular I.219. Which three elements are the field in the basic framework of Ethernet data? (Choose three.) Preamble Frame Check Sequence Headline Checksum Length / Time Type to Live Version I.220. What query does the Cisco Switch display do when it works in preferred Exec mode? Switch switch (config) switch (config-if) , switch i.221. Empty.... What is the advantage of introducing a two-home WAN connection instead of a one-size-old connection is true? Only double home connections support recursive routing Only connections with a double home allow Only two-home connections support a divided horizon with EIGRP with a double house only. OSPF support in conjunction with BGP Related Articles wpDiscuz wpDiscuz ccna routing and switching 200-125 dumps. ccna routing and switching 200-125 dumps pdf. ccna 200-125 dumps 2020. ccna 200-125 dumps pdf. ccna 200-125 dumps 2019. ccna 200-125 dumps 2019 pdf. ccna 200-125 dumps 2019 free. ccna 200-125 dumps pass4sure

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