## [2017 PDF&VCE Lead2pass New Released CompTIA N10-006 Exam Questions From CompTIA Exam Center (226-250)

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For example ifthere are two routes in your router and you have to send a packet to a host with an ip 10.10.10.10 then it will forward packet to 192.168.1.10 rather than 192.168.1.1: Network Destination Netmask Gateway0.0.0.0 0.0.0.0 192.168.1.110.10.10.0 255.255.255.0 192.168.1.10 QUESTION 232A proxy server would MOST likely be installed to provide which of the following functions? (Select TWO). A. Combined DNS and DHCP hostingB. EncryptionC. Content filteringD. Fault toleranceE. Website caching Answer: CEExplanation: A content-filtering web proxy server provides administrative control over the content that may be relayed in one or both directions through the proxy. Acaching proxyserver accelerates service requests by retrieving content saved from a previous request made by the same client or even other clients. QUESTION 233Which of the following would the telecommunications carrier use to segregate customer traffic over long fiber links? A. VLANB. MPLSC. VPND. PSTN Answer: BExplanation: MPLSis a mechanism in high-performance telecommunications networks that directs data from one network node to the next based on short path labels rather than longnetwork addresses, avoiding complex lookups in a routing table. The labels identify virtual links (paths) between distant nodes rather than endpoints QUESTION 234Drag and Drop QuestionDrag and drop the fiber cable connection types to the appropriate image. Answer: QUESTION 235An administrator notices SMTP traffic is being blocked by the company firewall. Which of the following ports should be opened? A. 25B. 53C. 110D. 443 Answer: AExplanation: SMTPis an Internet standard for electronic mail (e-mail) transmission across Internet Protocol (IP) networks. SMTP uses TCP port 25. OUESTION 236 Which of the following network topologies would be separated into two networks if a client in the middle is removed or the cable is cut? A. MeshB. RingC. BusD. Star Answer: CExplanation: Abus network topology is a network topology in which a set of clients are connected via a shared communications line/cables, called a bus. QUESTION 237Which of the following is an example of a Class C address? A. 10.19.0.79B. 127.34.8.197C. 176.96.1.222D. 192.168.1.105 Answer: DExplanation: Class C

Export date: Thu Nov 13 22:29:48 2025 / +0000 GMT

address range varies from 192.0.0.0 to 223.255.255.255. QUESTION 238Drag and Drop QuestionA customer's email server is not sending emails. Arrange the troubleshooting steps in the order the technician should perform them: Answer: QUESTION 239 Drag and Drop QuestionGigSwitch1 is currently configured with a speed of 100 and Duplex is set to Auto on all interfaces. Interface 2 will be connected to GigSwitch2 which is used for all departments. Interface 1 will be used for HR traffic only. GigSwitch1 needs to be configured with the following parameters: \* Configure the necessary protocol to prevent switching loops\* Configure GigSwitch1 with a /24 IP address for management\* Traffic across Interface 1 needs to be forced to accept and receive up to 100Mbps data at the same time\* Traffic across Interface 2 needs to be forced to use Gigabit speeds and maximum performance Drag and drop the appropriate configurations to their corresponding requirements. All placeholders must be filled. Not all configurations will be used. Answer: QUESTION 240Lab SimulationWorkstations are unable to access the internet after a recent power outage. Configure the appropriate devices to ensure All workstations have internet connectivity. Answer: The switches are not connected properly. Connect Switch 1 to switch three on the last port and then connect the last port of the switch 3 to the first port of switch 2. In this way the switches will be connected properly. Click Enable All to enable the switches, QUESTION 241Lab SimulationYou have been tasked with testing a CAT5e cable. A summary of the test results can be found on the screen. Step 1: Select the tool that was used to create the cable test results. Step 2: Interpret the test results and select the option that explains the results. After you are done with your analysis, click the 'Submit Cable Test Analysis' button. Answer: Cable certifier - incorrectly crimped cable QUESTION 242Lab SimulationWireless network users recently began experiencing speed and performance issues after access point 2 (AP2) was replaced due to faulty hardware. The original network was installed according to a consultant's specifications and has always worked without a problem. You, a network technician, have been tasked with evaluating the situation and resolving the issues to improve both performance and connectivity. Refer to the following diagram and perform any NECESSARY changes to the wireless and wired infrastructure by adjusting devices. Note: Adjust the LEAST number of devices needed to fix the issue, all blue icons in the image are clickable. When you feel the simulation is complete please select the Done button. 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WAP encryption strengthC. WAP radio powerD. Channel overlay Answer: CExplanation:WAP radio power is the signal strength through which you can specify the range from which you can stay connected to the network and access internet. Here, when the user is not able to maintain a stable connection then it is a problem with the signal strength for sure so you can try to increase the signal strength by increasing the radio power. QUESTION 244The security administrator needs to restrict specific devices from connecting to certain WAPs. Which of the following security measures would BEST fulfill this need? A. WAP placementB. MAC address filteringC. Content filteringD. Encryption type and strength Answer: BExplanation: MAC Filtering (or EUI filtering, or layer 2 address filtering) is a security access control method whereby the 48-bit address assigned to each network card is used to determine access to the network. 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