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The public key infrastructure provides for a digital certificate that can identify an individual or an organization and directory services that can store and, when necessary, revoke the certificates. Although the components of a PKI are generally QUESTION 229A technician has a network with a mix of newer and older equipment. Which of the following settings would dynamically configure whether to use full or half duplex? A. Transmission speedB. FrequencyC. Auto-negotiateD. Distance Answer: CExplanation:Autonegotiation is an Ethernet procedure by which two connected devices choose common transmission parameters, such as speed, duplex mode, and flow control. In this process, the connected devices first share their capabilities regarding these parameters and then choose the highest performance transmission mode they both support. QUESTION 230An administrator needs to install a WAP in a location where there is no electrical wiring. 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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. 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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. 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