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Download:<http://www.braindump2go.com/sy0-401.html> 2.|2016/08 SY0-401 Exam Questions & Answers:<https://drive.google.com/folderview?id=0B75b5xYLjSSNTldvc1ZkQlNUc0k&usp=sharing> QUESTION 91A security administrator wishes to increase the security of the wireless network. Which of the following BEST addresses this concern? A. Change the encryption from TKIP-based to CCMP-based.B. Set all nearby access points to operate on the same channel.C. Configure the access point to use WEP instead of WPA2.D. Enable all access points to broadcast their SSIDs. Answer: A Explanation:CCMP makes use of 128-bit AES encryption with a 48-bit initialization vector. This initialization vector makes cracking a bit more difficult. QUESTION 92The security administrator has been tasked to update all the access points to provide a more secure connection. All access points currently use WPA TKIP for encryption. Which of the following would be configured to provide more secure connections? A. WEPB. WPA2 CCMPC. Disable SSID broadcast and increase power levelsD. MAC filtering Answer: BExplanation:CCMP makes use of 128-bit AES encryption with a 48-bit initialization vector. This initialization vector makes cracking a bit more difficult. QUESTION 93A system administrator wants to enable WPA2 CCMP. Which of the following is the only encryption used? A. RC4B. DESC. 3DESD. AES Answer: DExplanation:Cipher Block Chaining Message Authentication Code Protocol (CCMP) makes use of 128-bit AES encryption with a 48-bit initialization vector. QUESTION 94Jane, an administrator, needs to make sure the wireless network is not accessible from the parking area of their office. Which of the following would BEST help Jane when deploying a new access point? A. Placement of antennaB. Disabling the SSIDC. Implementing WPA2D. Enabling the MAC filtering Answer: AExplanation:You should try to avoid placing access points near metal (which includes appliances) or near the ground. Placing them in the center of the area to be served and high enough to get around most obstacles is recommended. On the chance that the signal is actually traveling too far, some access points include power level controls, which allow you to reduce the amount of output provided. QUESTION 95A security team has identified that the wireless signal is broadcasting into the parking lot. To reduce the risk of an attack against the wireless network from the parking lot, which of the following controls should be used? (Select TWO). A. Antenna placementB. InterferenceC. Use WEPD. Single Sign onE. Disable the SSIDF. Power levels Answer: AFExplanation:Placing the antenna in the correct position is crucial. You can then adjust the power levels to exclude the parking lot. QUESTION 96Which of the following would Pete, a security administrator, do to limit a wireless signal from penetrating the exterior walls? A. Implement TKIP encryptionB. Consider antenna placementC. Disable the SSID broadcastD. Disable WPA Answer: BExplanation: Cinderblock walls, metal cabinets, and other barriers can reduce signal strength significantly. Therefore, antenna placement is critical. QUESTION 97Ann, a security administrator, has concerns regarding her company's wireless network. The network is open and available for visiting prospective clients in the conference room, but she notices that many more devices are connecting to the network than should be. Which of the following would BEST alleviate Ann's concerns with minimum disturbance of current functionality for clients? A. Enable MAC filtering on the wireless access point.B. Configure WPA2 encryption on the wireless access point.C. Lower the antenna's broadcasting power.D. Disable SSID broadcasting. Answer: CExplanation:Some access points include power level controls that allow you to reduce the amount of output provided if the signal is traveling too far. QUESTION 98After reviewing the firewall logs of her organization's wireless APs, Ann discovers an unusually high amount of failed authentication attempts in a particular segment of the building. She remembers that a new business moved into the office space across the street. Which of the following would be the BEST option to begin addressing the issue? A. Reduce the power level of the AP on the network segmentB. Implement MAC filtering on the AP of the affected segmentC. Perform a site survey to see what has changed on the segmentD. Change the WPA2 encryption key of the AP in the affected segment Answer: AExplanation:Some access points include power level controls that allow you to reduce the amount of output provided if the signal is traveling too far. QUESTION 99An administrator wants to establish a WiFi network using a high gain directional antenna with a narrow radiation pattern to connect two buildings separated by a very long distance. Which of the following antennas would be BEST for this situation? A. DipoleB. YagiC. SectorD. Omni Answer: BExplanation: A Yagi-Uda antenna, commonly known simply as a Yagi antenna, is a directional antenna consisting of multiple parallel dipole elements in a line, usually made of metal rods. It consists of a single driven element connected to the transmitter or receiver with a transmission line, and additional parasitic elements: a so-called reflector and one or more directors. The reflector element is slightly longer than the driven dipole, whereas the directors are a little shorter. This design

achieves a very substantial increase in the antenna's directionality and gain compared to a simple dipole. **QUESTION 100A**
company has recently implemented a high density wireless system by having a junior technician install two new access points for every access point already deployed. Users are now reporting random wireless disconnections and slow network connectivity.
Which of the following is the **MOST** likely cause? A. The old APs use 802.11aB. Users did not enter the MAC of the new APsC.

The new APs use MIMOD. A site survey was not conducted
Answer: D
Explanation: To test the wireless AP placement, a site survey should be performed. **!!!RECOMMEND!!!**
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