Exam Questions 300-425
Designing Cisco Enterprise Wireless Networks (ENWLSD)
NEW QUESTION 1
A wireless engineer is designing a wireless network to support real-time applications over wireless. Which IEEE protocol must the engineer enable on the WLC so that the number of packets that are exchanged between an access point and client are reduced and fast roaming occurs?

A. 802.11w  
B. 802.11r  
C. 802.11i  
D. 802.11k

Answer: D

NEW QUESTION 2
A network administrator of a global organization is collapsing all controllers to a single cluster located in central Europe. Which concern must be addressed?

A. Some channels may not be available consistently across the organization.  
B. Different RF policies per office are not available in this configuration.  
C. Syslog must be configured to the time-zone of the NMS platform.  
D. Centralized controllers cannot uniformly authenticate global users.

Answer: C

NEW QUESTION 3
A network engineer is preparing for an office site survey with a height of 2.5 meters. Which three components are recommended to complete the survey? (Choose three.)

A. Use a battery pack to power APs  
B. Use a drawing of the office space to draw AP and client placements.  
C. Use DoS attack on APs while measuring the throughput.  
D. Use APs with directional antennas.  
E. Use APs with external antennas.  
F. Use APs with built-in antennas.

Answer: ABF

NEW QUESTION 4
A wireless engineer is hired to design a network for a technology company. The company campus has four buildings and a warehouse with access points that provide full wireless coverage as well as a pair of WLCs located in the core of the network. Which type of wireless architecture is being used?

A. unified deployment  
B. autonomous deployment  
C. centralized deployment  
D. distributed deployment

Answer: C

NEW QUESTION 5
Refer to the exhibit. What is the main reason why the Wi-Fi design engineer took a different approach than installing the APs in the offices, even though that installation provides better coverage?

A. aesthetics  
B. transmit power considerations  
C. antenna gain  
D. power supply considerations

Answer: B

NEW QUESTION 6
Where must the APs be mounted when used in a high-density wireless network to provide 6 dB to 20 dB of attenuation to a cell?

A. in the aisle  
B. under the seat  
C. above the stage

Answer: A
NEW QUESTION 7
Which two considerations must a network engineer have when planning for voice over wireless roaming? (Choose two.)

A. Full reauthentication introduces gaps in a voice conversation.
B. Roaming time increases when using 802.1x + Cisco Centralized Key Management.
C. Roaming occurs when the phone has seen at least four APs.
D. Roaming occurs when the phone has reached -80 dBs or below.
E. Roaming with only 802.1x authentication requires full reauthentication.

Answer: AE

NEW QUESTION 8
Which non-Wi-Fi interferer can be identified by Metageek Chanalyzer?

A. PDAs
B. jammers
C. smartphones
D. printers

Answer: B

NEW QUESTION 9
Which three pieces of equipment are needed to conduct a fully measured wireless survey? (Choose three.)

A. PoE battery
B. spirit level
C. access point
D. tall tripod
E. goggles
F. ladder

Answer: ACD

NEW QUESTION 10
A company has 10 access point licenses available on their backup Cisco WLC and their primary Cisco WLC is at full capacity, 5 access points are set to high failover priority and 7 access points are set to critical failover priority. During a failure, not all critical access points failed over to the backup Cisco WLC. Which configuration is the cause of this issue?

A. The high priority access point is oversubscribed.
B. network ap-priority is set to enable.
C. The critical priority access point count is oversubscribed.
D. network ap-priority is set to disable.

Answer: A

NEW QUESTION 11
A wireless deployment in a high-density environment is being used by vendors to process credit card payment transactions via handheld mobile scanners. The scanners are having problems roaming between access points in the environment. Which feature on the wireless controller should have been incorporated in the design?

A. RX SOP
B. 802.11w
C. AP Heartbeat Timeout
D. Application Visibility Control

Answer: A

NEW QUESTION 12
During a client roaming event, which device is responsible for communicating the new Layer 2 EID mapping of a wireless supplicant to the fabric domain?

A. WLC
B. BN
C. CP2
D. CP1

Answer: A

NEW QUESTION 13
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