Cisco

Exam Questions 300-425

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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NEW QUESTION 1
DRAG DROP
Drag and drop the characteristics from the left onto the correct functionalities on the right.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2
A customer asks an engineer to explain the concept of mobility domains and mobility groups. Which statement does the engineer respond with?

A. A mobility group does not constrain the distribution of security context of a client and also does not constrain AP fail-over between controllers when the WLC are in the same mobility domain.
B. If WLCs are in the same mobility domain, they communicate with each other but, if an anchor WLC is present it must be in the same mobility domain for communication to be possible.
C. If WLCs are in the same mobility domain, they communicate with each othe
D. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.
E. WLCs do not need to be in the same mobility domain to communicate with each othe
F. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.

Answer: C

NEW QUESTION 3
An engineer must ensure that the new wireless LAN deployment can support seamless roaming between access points using a standard based on an amendment to the 802.11 protocol. Which protocol must the engineer select?

A. 802.11i
B. 802.11ac
C. 802.11r
D. 802.11e

Answer: C

NEW QUESTION 4
A high-density wireless network is designed. Which Cisco WLC configuration setting must be incorporated in the design to encourage clients to use the 5 GHz spectrum?

A. Band Select
B. RRM
C. Cisco Centralized Key Management
D. load balancing

Answer: A

NEW QUESTION 5
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
D. under the stage

Answer: B

NEW QUESTION 6
A company wants to replace its existing PBX system with a new VoIP System that will include wireless IP phones. The CIO has concerns about whether the company's existing wireless network can support the new system. Which tool in Cisco Prime can help ensure that the current network will support the new phone system?

A. Location Readiness
B. Site Calibration
C. Map Editor
D. Voice Readiness

Answer: D

NEW QUESTION 7
An engineer is designing a wireless network that will support many different types of wireless clients. When conducting the survey, which client must be used to ensure a consistent experience for all of the wireless clients?

A. the client that has the highest RF properties
B. the client that is used most by the company
C. the client that is used least by the company
D. the client with the worst RF characteristics

Answer: B

NEW QUESTION 8
A wireless network consultant must assess an existing wireless LAN controller. Which section must the consultant check before replacing the old APs with APs that are IEEE 802.11ac-capable?

A. number of AP licenses
B. controller PSU
C. throughput capacity
D. software version

Answer: A

NEW QUESTION 9
Which statement about the 9800 Series Wireless Controller mobility tunnel on a Cisco Catalyst 9800 controller is true?

A. It is an IPsec tunnel with control path only.
B. It is a CAPWAP tunnel with data path only.
C. It is a CAPWAP tunnel with control path and data path.
D. It is an IPsec tunnel with control path and data path.

Answer: B

NEW QUESTION 10
As part of a wireless site survey in a hospital, an engineer needs to identify potential Layer 1 interferers. In which two areas is the engineer most likely to find sources of 2.4 GHz and 5 GHz RF noise? (Choose two.)

A. magnetic resonance imaging
B. kitchen
C. Gamma Knife radiation treatment
D. X-ray radiography
E. patient room

Answer: BE

NEW QUESTION 10
An engineer is performing a predictive wireless design for a medical treatment environment, which requires data and voice services. What is the minimum requirement for the design?

A. overlapping -72 dBm coverage from two access points
B. continuous -67 dBm coverage from one access point
C. continuous -72 dBm coverage from one access point
D. overlapping -67 dBm coverage from two access points

Answer: B

NEW QUESTION 15
Which CLI command does an engineer use to validate that the redundancy peer of a Stateful Switchover pair of controllers is up and connected?

A. rping
B. ping
C. eping
D. mping

Answer: B

NEW QUESTION 20
An engineer must decide the cell overlap for a wireless voice deployment. Which Cisco measurement recommendation should be considered?

A. The edge of the cell should be -67 dBm.
B. The edge of the cell should be below 35 RSSI.
C. The measurement should be done on the 2.4-GHz band.
D. One AP should be deployed per 3000 square feet.

Answer: A

NEW QUESTION 23
A customer has determined that aesthetics is a primary concern for their upcoming guest deployment. Which design consideration can be leveraged to address this concern?

A. Paint the access point to cover the LED from being noticeable.
B. Use enclosures to hide the wireless infrastructure in the surrounding environment.
C. Use AIR-AP-BRACKET-1 to allow for greater mounting locations
D. Deploy environmentally friendly cabling components to blend into the environment.

Answer: D

NEW QUESTION 24
What causes the most signal attenuation, based on the wireless design tools?

A. cinder block wall
B. metal door
C. glass wall
D. office window

Answer: B

NEW QUESTION 29
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