

➤ **Vendor: Cisco**

➤ **Exam Code: 300-425**

➤ **Exam Name: Designing Cisco Enterprise Wireless Networks (ENWLSD)**

➤ **New Updated Questions from [Braindump2go](#) (Updated in [September/2020](#))**

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QUESTION 16

Which UDP port numbers are used for exchange mobility packets in an AireOS wireless deployment?

- A. UDP 16666 for control plane, EoIP (IP protocol 97) for data plane
- B. UDP 16668 for control plane, UDP 16667 for data plane
- C. UDP 16667 for control plane, UDP 16666 for data plane
- D. UDP 16666 for control plane, UDP 16667 for data plane

Answer: D

QUESTION 17

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 other. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.
- D. WLCs do not need to be in the same mobility domain to communicate with each other. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.

Answer: C

QUESTION 18

An engineer is designing a wireless deployment for a university auditorium. Which two features can be used to help deal with the issues introduced by high AP count? (Choose two.)

- A. TSPEC
- B. RXSOP
- C. TPC
- D. LSS
- E. DFS

Answer: CE

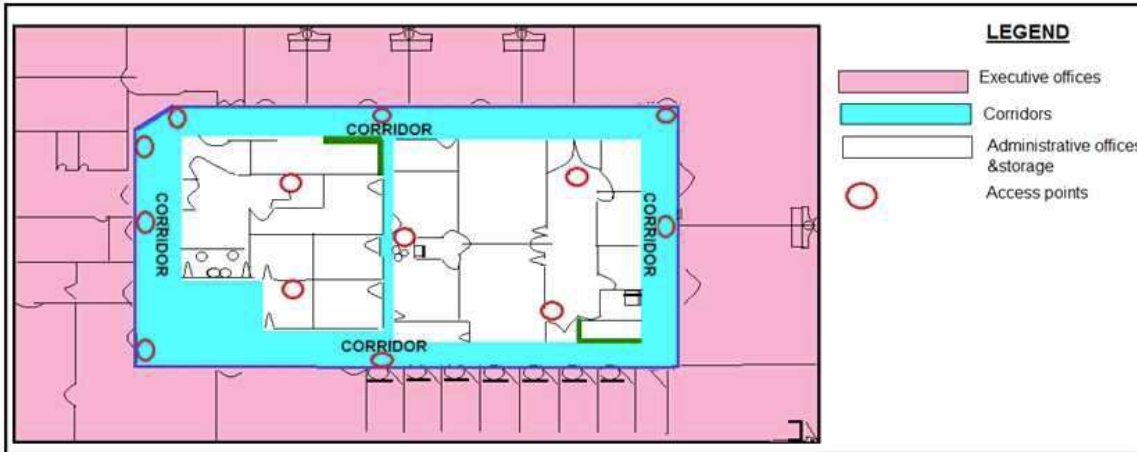
QUESTION 19

Refer to the exhibit. What is the main reason why the Wi-Fi design engineer took a different approach than installing the

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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

QUESTION 20

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

QUESTION 21

A wireless engineer is calibrating a floor using Cisco Prime Infrastructure. Which setting in the WLC must be disabled before the floor calibration is started?

- A. CleanAir
- B. Dynamic Channel Assignment
- C. Coverage Hole Detection
- D. Tx Power Control

Answer: B

QUESTION 22

A wireless engineer is utilizing the voice readiness tool in Cisco Prime for a customer that wants to deploy Cisco IP phones. Which dBm range is the network inspected against?

- A. -75 to -67 dBm
- B. -72 to -65 dBm
- C. -85 to -65 dBm
- D. -85 to -67 dBm

Answer: D

QUESTION 23

A wireless engineer is designing a wireless network for a campus. Which two parameters can have a negative effect on the Wi-Fi coverage of an access point? (Choose two.)

- A. authentication used
- B. surrounding area
- C. wireless channels
- D. wireless encryption
- E. type of the antenna used

Answer: BC

QUESTION 24

An engineer is designing the physical infrastructure for an IEEE 802.11ac network. Which power design should the engineer use?

- A. 802.3at PoE+ ports
- B. inline PoE ports
- C. 802.3af PoE ports
- D. 802.3af PoE injectors

Answer: C

QUESTION 25

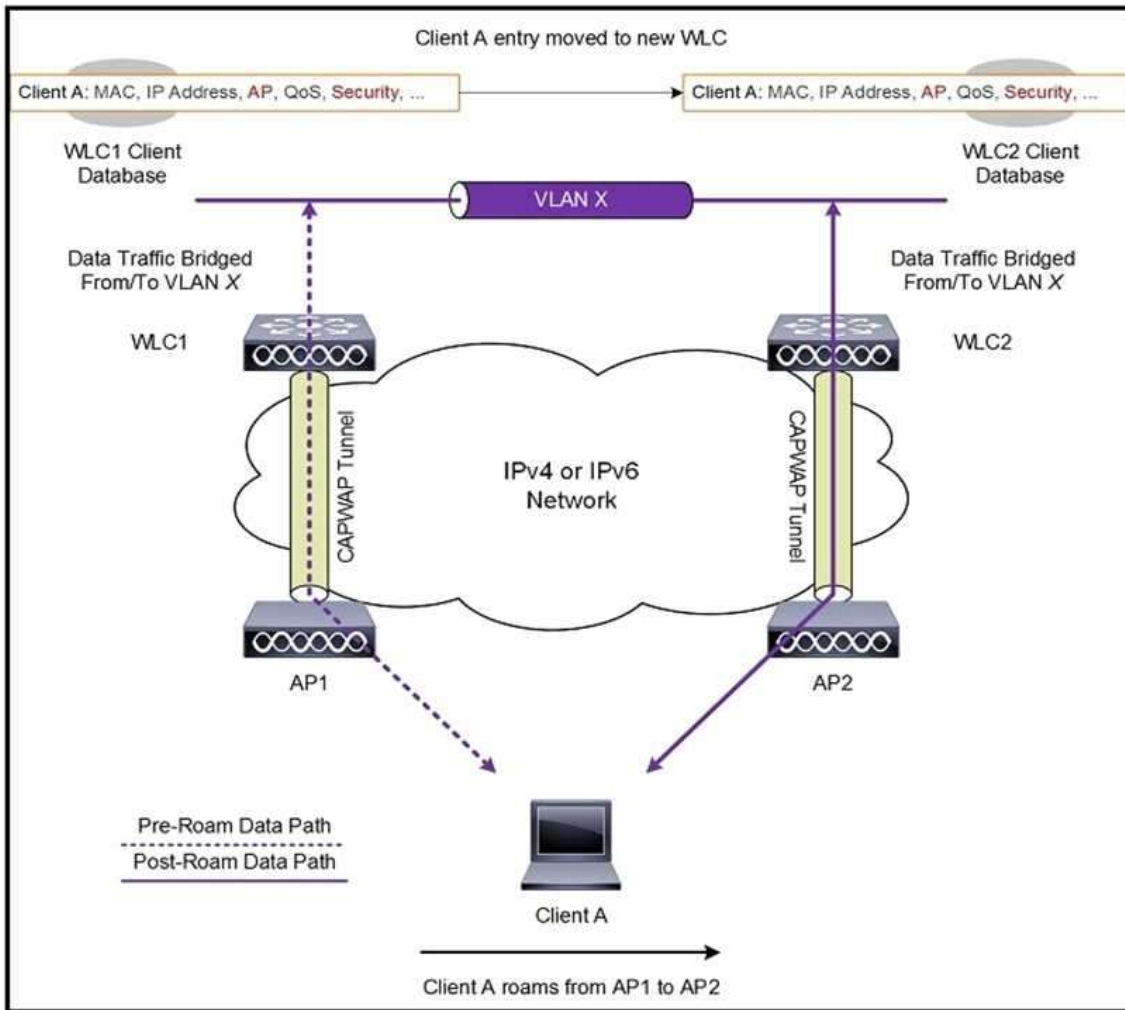
An engineer is designing a wireless network that will support many different types of wireless clients. When conducting the survey, which client must be used to ensure a consistent experience for all of the wireless clients?

- 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

QUESTION 26

Refer to the exhibit. A client roams between two APs that are registered to two different controllers, where each controller has an interface in the client subnet. Both controllers are running AireOS. Which scenario explains the client roaming behavior?



- A. Controllers exchange mobility control messages (over UDP port 16666) and the client database entry is moved from the original controller to the new controller.
- B. Controllers do not exchange mobility control messages (over UDP port 16666) and the client database entry is not moved from the original controller to the new controller.
- C. Controllers exchange mobility control messages (over UDP port 16666) and a new client session is started with the new controller.
- D. Controllers exchange mobility control messages (over UDP port 16666) and the client database entry is tunneled from the original controller to the new controller.

Answer: A

QUESTION 27

An engineer has performed a predictive site survey for high-speed data and voice in an indoor office. What is the recommended data rate with -67 dBm signal level for optimal VoWLAN design?

- A. 6 Mbps on 802.11 bgn
- B. 24 Mbps on 802.11 bgn
- C. 12 Mbps on 802.11 an
- D. 24 Mbps on 802.11 an

Answer: B