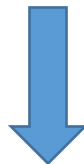


Cisco CCNP Certification 300-425 ENWLSD Exam



- Vendor: Cisco
- Exam Code: 300-425
- Exam Name: Designing Cisco Enterprise Wireless Networks (ENWLSD)

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NEW QUESTION 1

When conducting a site survey for real-time traffic over wireless, which two design capabilities of smartphones and tablets must be considered? (Choose two.)

- A. no support for 802.11ac
- B. higher data rates than laptops
- C. fewer antennas than laptops
- D. no support for 802.11r
- E. lower data rates than laptops

Answer: BC

NEW QUESTION 2

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

NEW QUESTION 3

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

NEW QUESTION 4

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

Answer: B

NEW QUESTION 5

Which two criteria must be considered when conducting an outdoor bridge site survey? (Choose two.)

- A. near-far effect
- B. weather
- C. traffic lights
- D. power lines

E. fresnel zone

Answer: AD

NEW QUESTION 6

A wireless engineer is hired to troubleshoot wireless network issues and discovers that the customer is using 802.11ac access points with 80 MHz-wide channels in a high-density environment. Which solution addresses these issues?

- A. Disable RRM on the WLC.
- B. Disable TPC on the WLC.
- C. Decrease the channel width.
- D. Increase the minimum data rate supported.

Answer: C

NEW QUESTION 7

A customer has determined that a cable run for a low-throughput RF design is not economically feasible to install. Which two access point modes can alleviate these customer concerns? (Choose two.)

- A. bridge
- B. sniffer
- C. Flex+Bridge
- D. FlexConnect
- E. local

Answer: AD

NEW QUESTION 8

Which three parameters are used by Cisco Prime Infrastructure to generate heat maps? (Choose three.)

- A. the RSSI prediction model
- B. the AP SNR
- C. the bandwidth utilization
- D. the AP transmit power
- E. the antenna orientation
- F. the number of associated clients

Answer: ADE

NEW QUESTION 9

An engineer has deployed a group of APs in an auditorium and notices that the APs are showing high cochannel interference. Which profile can be used to adjust the parameters for these high-density APs?

- A. QoS profile
- B. AVC profile
- C. RF profile
- D. ISE profile

Answer: A

NEW QUESTION 10

An engineer must design a wireless voice network and is auditing the existing configuration. Which two actions must be taken? (Choose two.)

- A. Enable Platinum QoS profile on the SSID.
- B. Disable Coverage Hole Detection.
- C. Ensure the switch ports trust DSCP QoS markings.
- D. Disable WMM on the QoS tab.
- E. Ensure that Client Load Balancing is enabled.

Answer: AC

NEW QUESTION 11

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 12

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 13

An engineer must create data-link redundancy for the company's Cisco Wireless LAN Controller. The engineer has decided to configure LAG-based redundancy instead of port-based redundancy. Which three features of LAG-based redundancy influenced this decision? (Choose three.)

- A. Packets are always sent out on the same port they are received on.
- B. All interface traffic passes as long as one port is up.
- C. The same port has multiple untagged dynamics interfaces.
- D. Interface connection to two separate nonstacked switches is available.
- E. Full bandwidth of all links is available.
- F. Ports are grouped into multiple LAGs.

Answer: ABF

NEW QUESTION 14

A wireless engineer is doing a pre-site survey. Which two attributes must match between the site survey and the production clients? (Choose two.)

- A. AP type
- B. radio frequency

- C. mobility patterns
- D. user
- E. exact location

Answer: CD

NEW QUESTION 15

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 16

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 17

A wireless engineer must optimize RF performance for multiple buildings with multiple types of construction and user density. Which two actions must be taken? (Choose two.)

- A. Configure FlexConnect groups for each building.
- B. Configure WMM profiles for each building.
- C. Configure AP groups for each area type.
- D. Configure RF profiles for each area type.
- E. Enable DTPC on the network.

Answer: CD

NEW QUESTION 18

An engineer must ensure that the wireless network can accomplish fast secure roaming by way of caching keys on the access points. Which key caching mechanism is enabled by default on a Cisco AireOS WLC?

- A. SKC
- B. OKC
- C. 802.11r
- D. CCKM

Answer: D

NEW QUESTION 19

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