

300-425 Dumps

Designing Cisco Enterprise Wireless Networks (ENWLSD)

<https://www.certleader.com/300-425-dumps.html>



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

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

NEW QUESTION 3

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 4

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 5

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 6

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 7

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

NEW QUESTION 8

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

NEW QUESTION 9

An engineer has configured guest anchoring for a newly created SSD however, the mobility tunnels are not up, and EPING is failing from the foreign WLC to the anchor WLC. Which traffic flow must be allowed at the firewall to enable the communication?

- A. UDP port 16666
- B. IP protocol 97
- C. UDP port 97
- D. TCP port 97

Answer: A

NEW QUESTION 10

Which statement about creating a mobility group is true, excluding mobility anchors?

- A. Each WLC must use the same mobility name and be defined as a peer in each other's static mobility members list.
- B. If WLCs with HA SSO are deployed, each WLC in the WLC HA pair considered separately as a mobility peer.
- C. The WLCs do not have to be of the same model or type to be a member of a mobility group, however each member should be running different software versions.
- D. A mobility groups does not require all WLCs in the group to use the same virtual IP address.

Answer: B

NEW QUESTION 10

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 12

A customer is concerned about mesh backhaul link security. Which level of encryption does the backhaul link use?

- A. hash
- B. AES
- C. WEP
- D. 3DES

Answer: B

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 dynamic 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 16

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

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

Answer: B

NEW QUESTION 17

An engineer has successfully configured high availability and SSO using two Cisco 5508 Wireless LAN Controllers. The engineer can access the Active Primary WLC, but the Secondary Standby WLC is not accessible. Which two methods allow access to the standby unit? (Choose two.)

- A. via the console connection
- B. SSH to the redundancy management interface of the primary WLC
- C. SSH to the service port interface
- D. SSH to the virtual interface of the secondary WLC
- E. SSH to the management interface of the primary WLC

Answer: AC

NEW QUESTION 18

What is the recommended cell overlap when designing a wireless network for Cisco Hyperlocation?

- A. 20%
- B. 30%
- C. 40%

D. 50%

Answer: A

NEW QUESTION 20

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 21

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 24

A wireless engineer is designing a wireless network for a warehouse using access points with internal antennas. Which two elements have a negative effect on the wireless users? (Choose two.)

- A. wireless channels
- B. access point height
- C. client authentication
- D. client authorization
- E. absorption

Answer: BE

NEW QUESTION 26

Which statement about AP failover priority for access points when configured with priority 1 or 4 is true?

- A. When configured with priority 1, the access point is assigned with the highest priority level and it is marked as critica
- B. This access point fails over before other access points with the lower priority when there is primary controller failure.
- C. When configured with priority 4, the access point is assigned with the highest priority level and it is marked as critica
- D. This access point fails over before other access points with the lower priority when there is primary controller failure.
- E. When configured with priority 4, the access point is assigned with the lowest priority level and it is marked as lo
- F. This access point fails over after other access points with the higher priority when there is primary controller failure.
- G. When configured with priority 1, the access point is assigned with the medium priority level and it is marked as mediu
- H. This access point fails over after other access points with the higher priority when there is primary controller failure.

Answer: B

NEW QUESTION 28

A network engineer is working on a design for a wireless network that must support data, voice, and location services. To support these services, which access point placement must the engineer use?

- A. corner only
- B. perimeter and corner
- C. perimeter only
- D. indoor and outdoor

Answer: C

NEW QUESTION 29

A wireless engineer is performing a post verification of a wireless network. Which two metrics does the engineer verify to ensure that the wireless network can support voice services? (Choose two.)

- A. The coverage area must have a noise floor that does not exceed -87 dBm.
- B. The client device must have at least an -67 dBm RSSI.
- C. The rate of retransmitted packets must be 15 percent or below.
- D. The rate of retransmitted packets must be 20 percent or below.
- E. The client device must have at least an -65 dBm RSSI.

Answer: BC

NEW QUESTION 33

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 34

A network engineer is configuring high availability on an access point. What is the maximum number of controllers that can be configured?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

NEW QUESTION 39

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. -78 to -65 dBm B.-72 to -67 dBm
- B. 85 to -65 dBm
- C. -85 to -67 dBm

Answer: D

NEW QUESTION 41

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 46

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 48

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your 300-425 Exam with Our Prep Materials Via below:

<https://www.certleader.com/300-425-dumps.html>