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April/2021 Latest Braindump2go 300-425 Exam Dumps with PDF and VCE Free Updated! Following are some new 300-425 Real Exam Questions!
QUESTION 81 An engineer is trying to determine the most cost-effective way to deploy high availability for a campus enterprise wireless network that currently leverages three wireless LAN controllers. Which architecture should the engineer deploy?
A. N+1 solution without SSOB. N+1 with SSOC. N+N solution without SSOD. N+N with SSO
Answer: B

Explanation: <https://www.cisco.com/c/en/us/td/docs/solutions/CVD/Campus/cisco-campus-lan-wlan-designguide.html>
QUESTION 82 During a post deployment site survey, issues are found with non-Wi-Fi interference. What should the engineer use to identify the source of the interference?
A. Cisco Spectrum ExpertB. wireless intrusion preventionC. WiresharkD. network analysis module
Answer: A
Explanation:

https://www.cisco.com/c/en/us/products/collateral/wireless/spectrumexpert/product_data_sheet0900aecd807033c3.html
QUESTION 83 Refer to the exhibit. An enterprise is using wireless as the main network connectivity for clients. To ensure service continuity, a pair of controllers will be installed in a datacenter. An engineer is designing SSO on the pair of controllers. What needs to be included in the design to avoid having the secondary controller go into maintenance mode?

Redundancy Mgmt Ip	172.25.44.4
Peer Redundancy Mgmt Ip	172.25.44.5
Redundancy port Ip	169.254.44.4
Peer Redundancy port Ip	169.254.44.5
Redundant Unit	Primary
Keep Alive Timer (100 - 1000)	100 milliseconds
Keep Alive Retries (3 - 10)	3
Peer Search Timer (60 - 300)	120 seconds
Management Gateway Failover	Enabled
SSO	Disabled

A. The keep alive timer is too low which causes synchronization problems.
B. The connection between the redundancy ports is missing.
C. The redundancy port must be the same subnet as the redundancy mgmt.
D. The Global Configuration of SSO is set to Disabled on the controller.
Answer: A

QUESTION 84 Campus users report a poor wireless experience. An engineer investigating the issue notices that in high-density areas the wireless clients fail to switch the AP to which are automatically connected. This sticky client behavior is causing roaming issues. Which feature must the engineer configure?
A. load balancing and band select
B. optimized roaming
C. Layer 3 roaming
D. Layer 2 roaming
Answer: B

QUESTION 85 An engineer changed the TPC Power Threshold for a wireless deployment from the default value to 65 dBm. The engineer conducts a new post deployment survey to validate the results. What is the expected outcome?
A. increased received sensitivity
B. decreased channel overlap
C. decreased client signal strength
D. increased cell size
Answer: C

QUESTION 86 A customer is looking for a network design with Cisco Hyperlocation using AP4800 for location tracking via a custom mobile app issues appeared in the past with refresh rates for location updates. What needs to be implemented to meet these requirements?
A. Cisco FastLocate technology
B. redundant CMX and fetch location in round-robin fashion
C. device Bluetooth via the app
D. Cisco CMX SDK in the location app
Answer: A

Explanation: https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/88/b_ap_4800_hyperlocation_deployment_guide.html

QUESTION 87 What is the attenuation value of a human body on a wireless signal?
A. 3 dB
B. 4 dB
C. 6 dB
D. 12 dB
Answer: B

Explanation: <https://www.cisco.com/en/US/docs/solutions/Enterprise/Mobility/emob30dg/Voice.html>
QUESTION 88 Why is 802.11a connectivity reduced in an X-ray room?
A. X-rays impact the 802.11a UNII-2 channels
B. X-ray rooms exhibit increased signal attenuation
C. X-rays within these rooms cause multipath issues.
D. X-rays create significant non-Wi-Fi interference on the 802.11a band
Answer: B

QUESTION 89 A medium-sized hospitality company with 50 hotels needs to upgrade the existing WLAN in each hotel to 802.11n. During the site surveys for each hotel, what needs to be taken into consideration when determining the locations for each AP?
A. Selecting AP locations where power is already available
B. Selecting APs that can be hidden in ceiling panels to provide a secure and clean aesthetic look.
C. Selecting locations that make visual assessment of the AP operation easy.
D. Selecting locations that are easily accessed so

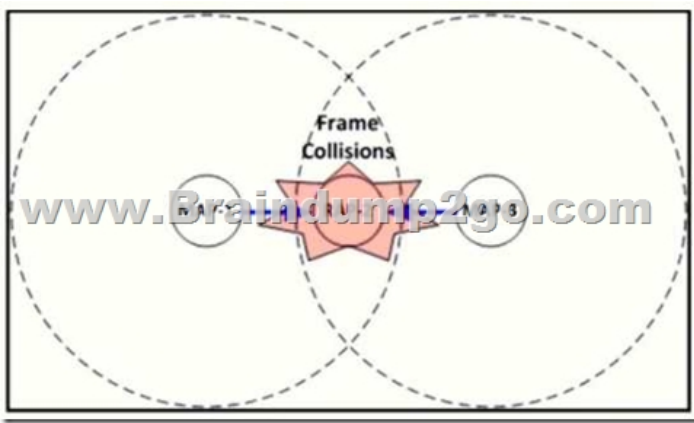
maintenance and upgrades can be performed quickly
Answer: A
QUESTION 90
A network engineer needs to create a wireless design to bridge wired IP surveillance cameras in the parking lot through a mesh AP. To which operate mode of the AP should the cameras connect?
A. RAP
B. local
C. FlexConnect
D. MAP
Answer: D
Explanation:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/configguide/b_wl_16_10_cg/mesh-access-points.html
QUESTION 91
An engineer at a global enterprise organization must ensure that a mesh deployment has the highest number of channels available to the backhaul regardless of region deployed. Which design meets this requirement?
A. one controller per country
B. redundant controllers in the least restrictive regulatory domain
C. redundant controllers in the most restrictive regulatory domain
D. one controller per continent
Answer: C
Explanation:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-5/configguide/b_cg85/country_codes.html
QUESTION 92
An enterprise is using two wireless controllers to support the wireless network. The data center is located in the head office. Each controller has a corporate WLAN configured with the name CoprNET390595865WLC-1 and Copr-NET68371638WLC-2. The APs are installed using a round-robin approach to load balance the traffic. What should be changed on the configuration to optimize roaming?
A. Move all access points to one controller and use the other as N-1 HA.
B. Use the same WLAN name for the corporate network on both controllers.
C. Move the controllers to an external data center with higher internet speeds.
D. Place the access points per floor on the same controller.
Answer: D
QUESTION 93
An engineer is conducting a Layer 2 site survey. Which type of client must the engineer match to the survey?
A. best client available
B. phone client
C. normal client
D. worst client available
Answer: C
QUESTION 94
A wireless engineer is using Ekahau Site Survey to validate that an existing wireless network is operating as expected. Which type of survey should be used to identify the end-to-end network performance?
A. spectrum analysis
B. passive
C. GPS assisted
D. active ping
Answer: A
QUESTION 95
The wireless learn must configure a new voice SSID for optimized roaming across multiple WLCs with Cisco 8821 phones. Which two WLC settings accomplish this goal? (Choose two)
A. Configure mobility groups between WLCs.
B. Use Cisco Centralized Key Management for authentication.
C. Configure AP groups between WLCs.
D. Configure AVC profiles on the SSID. Use AVC to lag traffic voice traffic as best effort.
Answer: B
Explanation:

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cuipph/8821/english/adminguide/w88x_b_wireless-8821-8821ex-admin-guide/w88x_b_wireless-8821-8821ex-admin-guide_chapter_01.html
QUESTION 96
An engineer is designing an outdoor mesh network to cover several sports fields. The core of the network is located In a building at the entrance of a sports complex. Which type of antenna should be used with the RAP for backhaul connectivity?
A. 5 GHz, 8-dBi omnidirectional antenna
B. 2.4 GHz, 8-dBi patch antenna
C. 2.4 GHz, 14-dBi omnidirectional antenna
D. 5 GHz, 14-dBi patch antenna
Answer: A
Explanation: The AP1524PS includes three radios: a 2.4 -GHz, a 5.8GHz, and a 4.9-GHz radio. The 2.4-GHz radio is for client access (nonpublic safety traffic) and the 4.9-GHz radio is for public safety client access traffic only. The 5.8-GHz radio can be used as the backhaul for both public safety and non-public safety traffic.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-6/configuration-guide/b_cg76/b_cg76_chapter_010000001.html
QUESTION 97
A customer has restricted the AP and antenna combinations for a design to be limited to one model integrated antenna AP for carpeted spaces and one model external antenna AP with high gain antennas for industrial, maintenance, or storage areas. When moving between a carpeted area to an industrial area, the engineer forgets to change survey devices and surveys several Aps. Which strategy will reduce the negative impact of the design?
A. Resurvey and adjust the design.
B. Deploy unsurveyed access points to the design.
C. Deploy the specified access points per area type.
D. increase the Tx power on incorrectly surveyed access points
Answer: A
QUESTION 98
An engineer is designing a wireless network to support high availability. The network will need to support the total number of APs and client SSO. Live services should continue to work without interruption during the failover. Which two requirements need to be incorporated into the design to meet these needs? (Choose two)
A. redundant vWLC
B. controller high availability pair with one of the WLCs having a valid AP count license
C. 10 sec RTT
D. back-to-back direct connection between WLCs
E. WLC 7.5 code or more recent
Answer: B
QUESTION 99
Refer to the exhibit. During a post Mesh deployment survey, an engineer notices that frame sessions occur when MAP-1 and MAP-3 talk to RAP-2. Which type of issue does the engineer need to address in the design?



A. co-channel interference B. backhaul latency C. hidden node D. exposed node
Answer: A
Explanation:

https://www.cisco.com/c/en/us/td/docs/wireless/technology/mesh/73/design/guide/Mesh/Mesh_chapter_0100.html QUESTION 100

An enterprise is using the wireless network as the main network connection for corporate users and guests. To ensure wireless network availability, two standalone controllers are installed in the head office APs are connected to the controllers using a round-robin approach to load balance the traffic. After a power cut, the wireless clients disconnect while roaming. An engineer tried to ping from the controller but fails. Which protocol needs to be allowed between the networks that the controllers are installed?

A. IP Protocol 67 B. IP Protocol 77 C. IP Protocol 87 D. IP Protocol 97
Answer: D

QUESTION 101 An engineer must perform a pre deployment site survey. For a new building in a high-security area. The design must provide a primary signal RSSI of -65 dBm for the clients. Which two requirements complete this design? (Choose two)

A. site access B. AP model C. WLC model D. HVAC access E. number of clients
Answer: B E

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