Q&A

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Designing Cisco Enterprise Wireless Networks (ENWLSD)

Question: 144

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

Question: 145

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: 146

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

Question: 147

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

Question: 148

A network administrator of a global organization is collapsing all controllers to a single cluster located in central Europe.

Which concern must 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

Question: 149

A wireless engineer is designing a wireless network to support real-time applications over wireless.

Which IEEE protocol mus 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

Question: 150

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: 151

Which two considerations must a network engineer have when planning for voice over wireless roaming? (Choose two.)
A . Full reauthentication introduces gaps in a voice conversation.
B . Roaming time increases when using 802.1x + Cisco Centralized Key Manegement.
C . Roaming occurs when the phone has seen at least four APs.
D . Roaming occurs when the phone has reached -80 dBs or below.
E . Roaming with only 802.1x authentication requires full reauthentication.

Question: 152

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.

Question: 153

A wireless engineer is hired to design a network for a technology company. The company campus has four buildings and a warehouse with access points that provide full wireless coverage as well as a pair of WLCs located in the core of the network.

Which type of wireless architecture is being used?
A . unified deployment
B . autonomous deployment
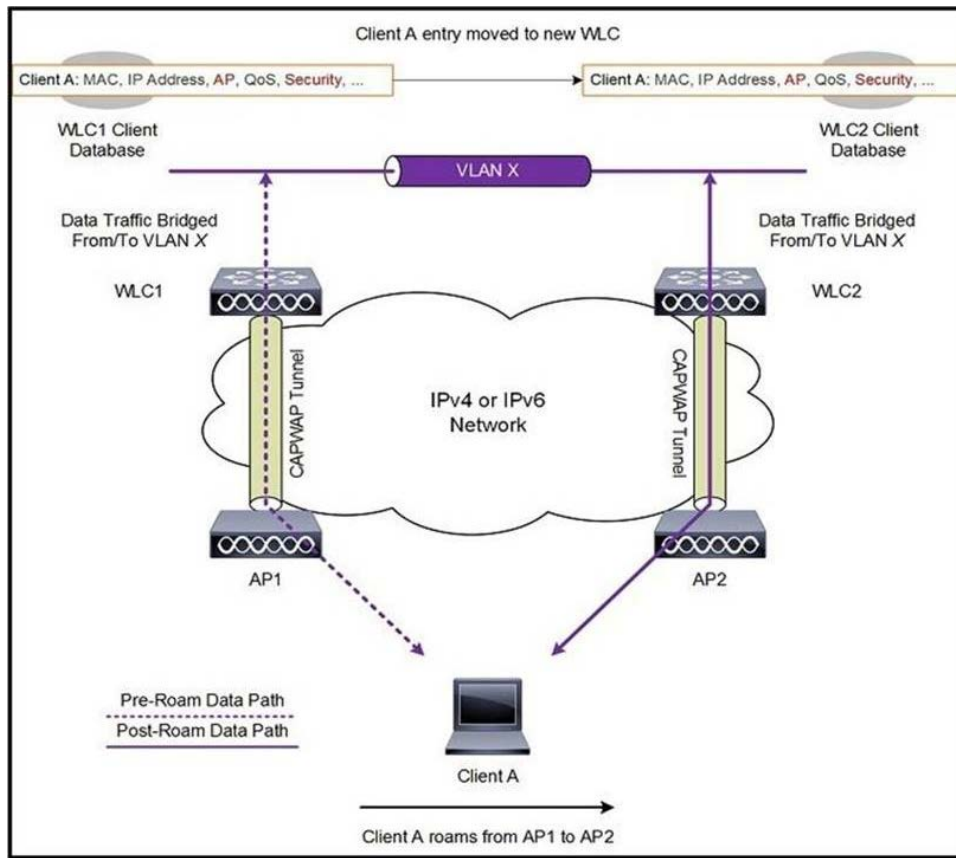C . centralized deployment
D . distributed deployment

Question: 154

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

Question: 155

Refer to the exhibit.

Client A entry moved to new WLC

Client A: MAC, IP Address, AP, QoS, Security, ... → Client A: MAC, IP Address, AP, QoS, Security, ...

WLC1 Client Database

WLC2 Client Database

VLAN X

Data Traffic Bridged From/To VLAN X

Data Traffic Bridged From/To VLAN X

WLC1

WLC2

CAPWAP Tunnel

CAPWAP Tunnel

IPv4 or IPv6 Network

AP1

AP2

Pre-Roam Data Path
Post-Roam Data Path

Client A

Client A roams from AP1 to AP2

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 conrtoller.
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: 156

A customer is concerned about mesh backhaul link security.

Which level of ecnryption does the backhaul link use?
A . hash
B . AES
C . WEP
D . 3DES

Answer: B

Question: 157

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: 158

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

Question: 159

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

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*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

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