Free Questions for 300-425 by certsdeals

Shared by Duke on 18-01-2024

For More Free Questions and Preparation Resources

Check the Links on Last Page

Question 1

Question Type: MultipleChoice

An engineer is designing a new wireless network. The network needs to meet these requirements

* support a high wireless client concentration

* support data over wireless

* support voice over wireless

* avoid interference

Which design approach should be taken?

Options:

A) 5 GHz frequency band with channel bonding, to support 40 MHz channels

B) 5 GHz frequency band without channel bonding, to support 20 MHz channels

C) 5 GHz frequency band with channel bonding, to support 80 MHz channels

D) 2.4 GHz frequency band without channel bonding to support 20 MHz channels

Answer:

D

Explanation:

https://www.cisco.com/c/dam/en_us/solutions/industries/docs/education/cisco_wlan_design_guide.pdf

Question 2

Question Type: MultipleChoice

During a wireless network design a customer requires wireless coverage on the perimeter of a building But also wants to minimize signal leakage from the wireless network Which antenna should be used to accomplish this design?

Options:

A) patch

B) dipole

C) monopole

D) omnidirectional

Answer:

C

Explanation:

https://www.mwrf.com/technologies/passive-components/article/21844577/cshaped-slot-serves-uwb-antenna

Question 3

Question Type: **MultipleChoice**

A network engineer is working on a predictive WLAN design. The new wireless network must support access to internet, email, voice, and the inventory database To successfully support these services, which configuration must the engineer use for the signal strength levels and SNR on the planning tool?

Options:

A) signal strength of 67 dBm. 20-dB SNR and maximum 1 percent packet loss

B) signal strength of -67 dBm. 20-dB SNR. and maximum 5 percent packet loss

C) signal strength of -67 dBm. 25-dB SNR. and maximum 1 percent packet loss

D) signal strength of -70 dBm. 30-dB SNR. and maximum 10 percent packet loss

Answer:

C

Explanation:

https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/116057-site-survey-guidelines-wlan-00.html

Question 4

Question Type: MultipleChoice

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)

Options:

A) site access

B) AP model

C) WLC model

D) HVAC access

E) number of clients

Answer:

B, E

Question 5

Question Type: **MultipleChoice**

An enterprise is using the wireless network as the mam 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 lo load balance the traffic After a power cut, the wireless clients disconnect while roaming An engineer tried eping from the controller but fails Which protocol needs to be allowed between the networks that the controllers are Installed?

Options:

A) IP Protocol 67

B) IP Protocol 77

C) IP Protocol 87

D) IP Protocol 97

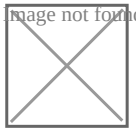
Answer:

D

Question 6

Question Type: **MultipleChoice**

Refer to the exhibit.



During a post Mesh deployment survey, an engineer notices that frame cessions occur when MAP-1 and MAP-3 talk to RAP-2. Which type of issue does the engineer need to address in the design?

Options:

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/7-3/design/guide/Mesh/Mesh_chapter_0100.html

Question 7

Question Type: MultipleChoice

An engineer is designing a wireless network to support nigh 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)

Options:

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, D