Question 1

An engineer changed the TPC Power Threshold for & 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?

Options:

A) Increase cell size

B) Decreased client signal strength

C) Increased received sensitivity

D) Decreased channel overlap

Answer:

B

Question 2

A network engineer needs to create a wireless design wired IP surveillance cameras in the parking lot through a mesh AP. To which operate mode of the AP should the cameras connect?

Options:

A) Flexconnect

B) MAP

C) RAP

D) Local

Answer:

C

Question 3

Question Type: MultipleChoice

An engineer must configure the virtual IP address on multiple controllers in a mobility group. Which rule must the engineer follow to ensure proper roaming?

A) Ensure that the DNS entry is tied to the virtual IP address of the WLC.

B) Use a unique IP address for each WLC.

C) Ensure that the DNS Host Name field is defined.

D) Use the same IP address for each WLC.

Answer:

A

Question 4

Question Type: **MultipleChoice**

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?

Options:

A) 802.11w

B) 802.11r

C) 802.11i

D) 802.11k

Answer:

D

Question 5

Question Type: MultipleChoice

Two Cisco 5520 Wireless LAN Controllers are managing all access points throughout the network. The WLCs are in different locations to provide geographical redundancy. A mobility group has been configured on both WLCs and has a UP status on both controllers. The APs in location A are statically configured to use controller A as the primary and controller B as the secondary If the WLC in location A goes offline the APs successfully join the WLC m location B, but they do not fail over to their primary configured controller. Which configuration task fixes this issue?

Options:

A) Configure the WLC in location A as primary using the CAPWAP AP Controller IP Address command on all the location A access points.

B) Use DHCP Option 43 and specify WLC in location A as primary.

C) Enable AP fallback globally on the WLC.

D) Change the AP Failover Priority to critical

Answer:

A

Question 6

An engineer has deployed a group of APs m an auditorium and notices that the APs are showing high co-channel interference Which profile is used to adjust the parameters for these high-density APs?

Options:

A) RF profile

B) QoS profile

C) AVC profile

D) ISE profile

Answer:

A

Explanation:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/8-7/b_wireless_high_client_density_design_guide.html

Question 7

Question Type: MultipleChoice

An engineer must perform an assessment of a customer LAN for a future IEEE 802.llac Wave 2 wireless deployment. All access switches are Fast Ethernet-capable only, and the wired infrastructure between existing APs and access switches is based on the CAT 6A standard Which two actions provide maximum support of Osco 3800 Series access points? (Choose two)

Options:

A) Replace the existing switches with gigabit switches with 10 G uplinks.

B) Ensure that cable distances between access switches and APs are not longer than 55 meters.

C) Replace the existing wiring infrastructure with the CAT-7E wiring standard.

D) Replace the existing switches with mGig switches.

E) Ensure that cable distances between access switches and APs are not longer than 100 meters

Answer:

A, D

Question 8

Question Type: **MultipleChoice**

A network engineer is designing a new wireless network. The network needs to have these characteristics:

* support high client concentration

* optimize client performance

* avoid interference

Which approach should be taken?

Options:

A) Deploy APs near each other for 5 GHz coverage, and disable the 2 4 GHz radios for some APs

B) Deploy APs near each other for 2 4 GHz coverage and disable the 5 GHz radios for all APs

C) Deploy APs near each other for 5 GHz coverage, and enable me 2.4 GHz radios for all APs.

D) Deploy APs near each other for 2 4 GHz coverage, and disable the 5 GHz radios for some APs

Answer:

C

Explanation:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/8-6/b_Cisco_Wireless_LAN_Controller_Configuration_Best_Practices.html

Question 9

An engineer is using a Cisco AIR-2702i AP lo conduct a Layer l site survey. Which mode is selected for the AP to discover non Wi-Fi interference with Metageek Chanaryzer?

Options:

A) Sniffer

B) FlexConnect

C) Monitor

D) SE-Connect

Answer:

D

Explanation:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONSOLIDATED/b_cg74_CONSOLIDATED_chapter_010001001.html