Question 1

A dual-band 802.11ac AP must be powered by PoE. As a class 4 device, what power level should be received at the AP?

Options:

A- 30 W

B- 12.95 W

C- 25.5 W

D- 15.4 W

Answer:

C

Question 2

When implementing PoE, what role is played by a switch?

Options:

A- PSE

B- Midspan injector

C- PD

D- Power splitter

Answer:

A

Question 3

Question Type: **MultipleChoice**

You have been tasked with creating a wireless link between two buildings on a single campus. The link must support at least 150 Mbps data rates. What kind of WLAN technology role should you deploy?

Options:

A- WPAN

B- IBSS

C- Wireless bridging

D- Access BSS

Answer:

C

Explanation:

https://www.wlanmall.com/what-is-a-wireless-bridge/

Question 4

Question Type: **MultipleChoice**

Lynne runs a small hotel, and as a value added service for his customers he has implemented a Wi-Fi hot-spot. Lynne has read news articles about how hackers wait at hot-spots trying to take advantage of unsuspecting users. He wants to avoid this problem at his hotel.

What is an efficient and practical step that Lynne can take to decrease the likelihood of active attacks on his customers' wireless computers?

Options:

A- Enable station-to-station traffic blocking by the access points in the hotel.

B- Implement Network Access Control (NAC) and require antivirus and firewall software along with OS patches.

C- Implement an SSL VPN in the WLAN controller that initiates after HTTPS login.

D- Require EAP-FAST authentication and provide customers with a username/password on their receipt.

Answer:

A

Question 5

Question Type: **MultipleChoice**

What primary metric of scanning can stations use to select the best AP for connectivity to the desired BSS?

Options:

A- Signal strength of AP beacons received.

B- PING latency when testing against an Internet server.

C- Throughput speed in Mbps.

D- FCS errors in frames transmitted to and from the AP.

Answer:

A

Question 6

Question Type: MultipleChoice

What 802.11 network configuration would result in multiple stations broadcasting Beacon frames with the same BSSID but with different source addresses?

Options:

A- Multiple APs have been loaded with the same configuration from an image file.

B- A single AP supports multiple BSSs with different SSIDs.

C- An IBSS is used instead of a BSS.

D- An SCA network is in use.

Answer:

C

Question 7

Question Type: MultipleChoice

When compared with legacy Power Save mode, how does VHT TXOP power save improve battery life for devices on a WLAN?

Options:

A- Legacy Power Save mode was removed in the 802.11ac amendment.

B- VHT TXOP power save allows the WLAN transceiver to disable more components when in a low power state.

C- VHT TXOP power save uses the partial AID in the preamble to allow clients to identify frames targeted for them.

D- VHT TXOP power save allows stations to enter sleep mode and legacy Power Save does not.

Answer:

C

Question 8

Question Type: MultipleChoice

You manage a WLAN with 100 802.11ac access points. All access points are configured to use 80 MHz channels. In a particular BSS, only 40 MHz communications are seen. What is the likely cause of this behavior?

Options:

A- All clients implement single spatial stream radios

B- The clients are all 802.11n STAs or lower

C- The AP is improperly configured to use only 40 MHz of the 80 MHz allocated bandwidth

D- The short guard interval is also enabled

Answer:

B

Explanation:

Question 9

Question Type: **MultipleChoice**

What statement about the IEEE 802.11-2016 QoS facility is true?

Options:

A- 802.11 control frames are assigned to the 802.11 EF priority queue.

B- When the Voice queue has frames awaiting transmission, no data will be transmitted from the Best Effort queue.

C- 802.11 QoS is achieved by giving high priority queues a statistical advantage at winning contention.

D- Four 802.1p user priorities are mapped to eight 802.11 transmit queues.

Answer:

C