Vendor:CWNP

Exam Code:CWNA-107

Exam Name: Certified Wireless Network Administrator

Version: Demo

QUESTION 1

An 802.11-based network uses an AP and has several connecting clients. The clients include iPhones, iPads, laptops and one desktop. What WLAN use case is represented?

A. WPAN

B. Ad-hoc

C. BSS

D. IBSS

Correct Answer: C

QUESTION 2

What Linux shell command can be used to view the hardware and PHY capabilities of a wireless adapter in detail including channel widths, output power setting, channels supported, and more?

A. ifconflg

B. iw phy

C. netsh wlan show device

D. iwconflg

Correct Answer: D

QUESTION 3

You are troubleshooting an issue reported by several wireless users. The problem is contained to one cell (several users connected to the same AP). You manage the WLAN and no other network devices. After analysis it appears to be a switch problem. What action should be taken?

A. Create a plan of action and implement it

B. Escalate the problem to the network administration team

C. Document the results and close the case

D. Escalate the problem to the wireless vendor support staff

Correct Answer: B

QUESTION 4

What is the final step in an effective troubleshooting process?

A. Document the results

B. Disable the WLAN

C. Notify the users of problem resolution

D. Verify the solution

Correct Answer: A

QUESTION 5

A natural disaster has occurred in a remote area that is approximately 40 miles from the response team headquarters. The response team must setup a local wireless network using 802.11 WLAN access points. What is the best method, of those listed, for implementation of network backhaul for communications across the Internet in this scenario?

A. Temporary wired cable

B. 802.11 bridging

C. Cellular/LTE

D. Temporary wired DSL

Correct Answer: C

QUESTION 6

Lynne runs a small hotel, and as a value added 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?

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

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

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

D. Require EAP_FAST authentication and provide customers with a username/password on their receipt.

Correct Answer: B

QUESTION 7

Which one of the following 802.11 PHYs is more likely to be used in an industrial deployment but not likely to be used in standard office deployments?

A. SIG

B. VHT

C. OFDM

D. HT

Correct Answer: B

QUESTION 8

In WLAN security, what authentication method always creates Layer 2 dynamic encryption keys?

A. Shared Key

B. WEP

C. HTTPS captive portal

D. EAP-TLS

Correct Answer: B

Reference https://books.google.com.pk/books?id=0ZWLn57EdpsCandpg=PA142andlpg=PA142anddq=WLAN+security,
+what+authentication+method+always+creates+Layer+2+dynamic+encryption +keysandsource=blandots=CBgudPbaR
handsig=s7kLv2NeFqfjoBK6A_X9T2Nc0kandhl=enandsa=Xandved=0ahUKEwithMDooazZAhXMCuwKHfSNCkQ6AEI
WTAH#v=onepageandq=WLAN%20security%2C%20what%20authentication%20method%20always
%20creates%20Layer%202%20dynamic%20encryption%20keysandf=false

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QUESTION 9

A client STA must choose the best AP for connectivity. As part of the evaluation, it must verify compatible data rates.
What can the client STA use to verify that an AP supports the same data rates that it supports?

A. Beacon frames transmitted by the AP

B. Data frames sent between the AP and current clients STAs

C. Authentication frames transmitted by the other client STAs

D. Probe request frames transmitted by other client STAs

Correct Answer: D

Reference https://supportforums.cisco.com/t5/wireless-mobility-documents/802-11-sniffer-capture-analysismanagement-
frames-and-open-auth/ta-p/3120622

QUESTION 10

In a WALN security, what authentication method always creates Layer2 dynamic encryption keys?

A. Shared Key

B. WEP

C. HTTPS captive portal

D. EAP-TLS

Correct Answer: B

QUESTION 11

When a STA has authenticated to an AP (AP-1), but still maintains a connection with another AP (AP-2), what is the state of the STA on AP-1?

A. Transitional

B. Unauthenticated and Unassociated

C. Authenticated and Unassociated

D. Authenticated and Associated

Correct Answer: A

Reference https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-1/Enterprise-Mobility-8-1-Design-Guide/Enterprise_Mobility_8-1_Deployment_Guide/Chapter-11.pdf

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QUESTION 12

What can an impedance mismatch in the RF cables and connectors cause?

A. Fewer MCS values in the MCS table

B. Excessive VSWR

C. Increased amplitude of the RF signal

D. Increased range of the RF signal

Correct Answer: B

Reference https://books.google.com.pk/books?id=uA68E68OqQgCandpg=PA235andlpg=PA235anddq=impedance +mismatch+in+the+RF+cables+and+connectors+causeandsource=blandots=WEynkTBqO1andsig=Hm_d26REw_UrVZtz20xErL4Rgandhl=enandsa=Xandved=0ahUKEwj5rvW0j57ZAhVMzqQKHeCGB0kQ6AEISDAF#v=onepageandq=impedance%20mismatch%20in%20the%20RF%20cables%20and%20connectors%20causeandf=false