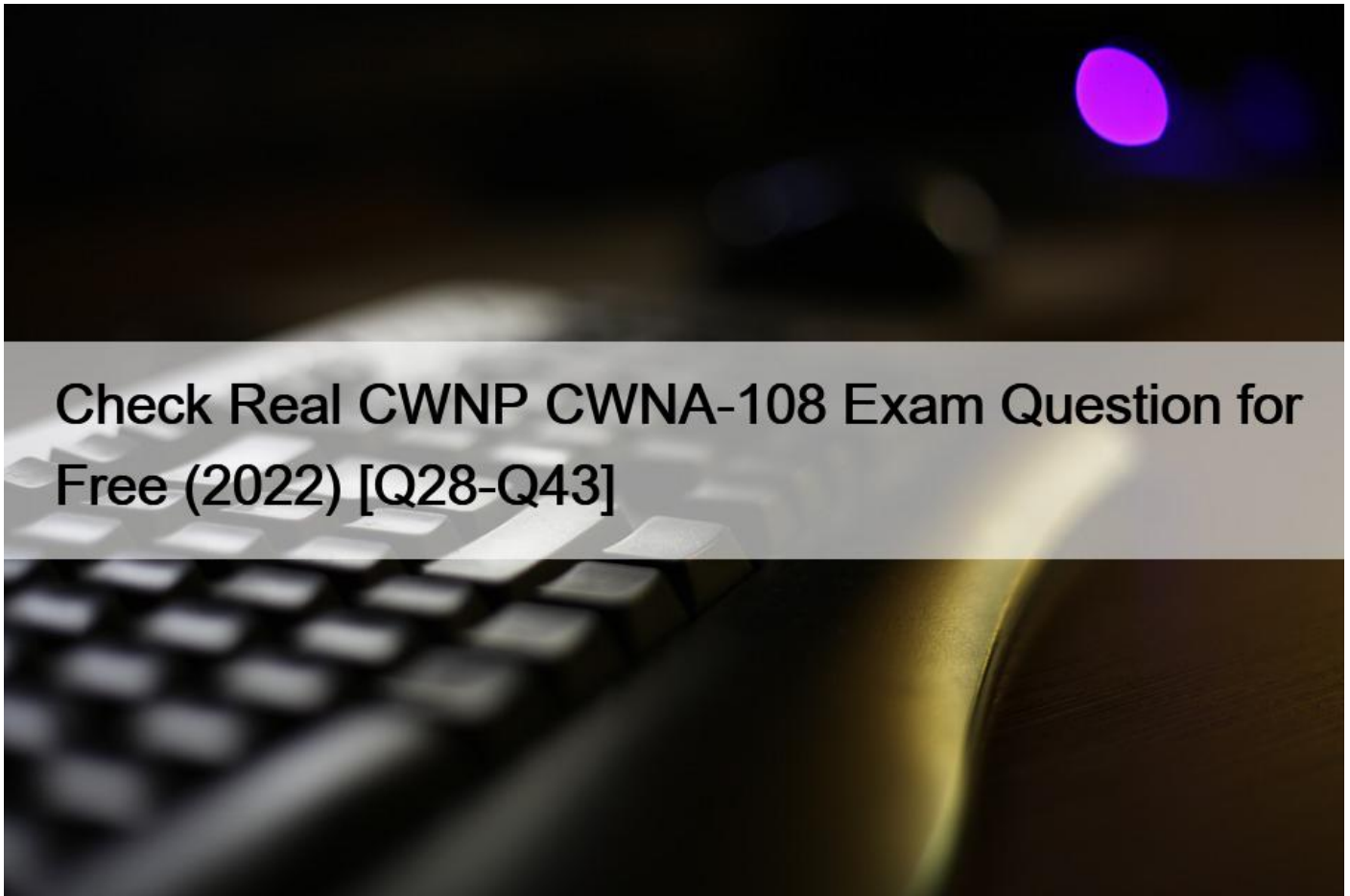


Check Real CWNP CWNA-108 Exam Question for Free (2022) [Q28-Q43]



Check Real CWNP CWNA-108 Exam Question for Free (2022) Get Ready to Boost your Prepare for your CWNA-108 Exam with 178 Questions Q28. What component of the 802.11 standard allows stations to reserve access to the RF medium for a specified period of time?

- * Short guard intervals
- * DTIM Interval
- * Listen Interval
- * Probe Request frames
- * RTS or CTS frames

Q29. You are the network administrator for ABC Company. Your manager has recently attended a wireless security seminar. The seminar speaker taught that a wireless network could be hidden from potential intruders if you disabled the broadcasting of the SSID in Beacons and configured the access points not to respond to Probe Request frames that have a null SSID field.

Your manager suggests implementing these security practices. What response should you give to this suggestion?

- * Any 802.11 protocol analyzer can see the SSID in clear text in frames other than Beacons frames. This negates any security benefit of trying to hide the SSID in Beacons and Probe Response frames.
- * To improve security by hiding the SSID, the AP and client stations must both be configured to remove the SSID from association request and response frames. Most WLAN products support this.

- * Any tenants in the same building using advanced penetration testing tools will be able to obtain the SSID by exploiting WPA EAPOL-Key exchanges. This poses an additional risk of exposing the WPA key.
- * This security practice prevents manufacturers' client utilities from detecting the SSID. As a result, the SSID cannot be obtained by attackers, except through social engineering, guessing, or use of a WIPS.

Q30. Which IEEE 802.11 physical layer (PHY) specifications include support for and compatibility with both ERP and HR/DSSS?

- * VHT (802.11ac)
- * OFDM (802.11a)
- * DSSS (802.11-Prime)
- * HT (802.11n)

Q31. Which of the following frequency ranges are specified for use by IEEE 802.11 radios? (Choose all that apply.)

- * 902 – 928 MHz
- * 2.4000 – 2.4835 GHz
- * 5.15 – 5.25 GHz
- * 5.470 – 5.725 GHz
- * 5.725 – 5.875 GHz

Q32. The requirements for a WLAN you are installing state that it must support unidirectional delays of less than

150 ms and the signal strength at all receivers can be no lower than -67 dBm. What application is likely used that demands these requirements?

- * VoIP
- * E-Mail
- * FTP
- * RTLS

Q33. What statement is true concerning the use of Orthogonal Frequency Division Multiplexing (OFDM) modulation method in IEEE 802.11 WLANs?

- * OFDM implements BPSK modulation to allow for data rates up to 7 Gbps.
- * OFDM was first introduced in 802.11a and is used by the ERP, HT and VHT PHYs as well.
- * OFDM modulation is used only in 5 GHz 802.11 transmissions.
- * OFDM was used by Frequency Hopping Spread Spectrum (FHSS) PHY devices.

Q34. Return Loss is the decrease of forward energy in a system when some of the power is being reflected back toward the transmitter.

What will cause high return loss in an RF transmission system, including the radio, cables, connectors and antenna?

- * The use of cables longer than one meter in the RF system
- * High output power at the transmitter and use of a low-gain antenna
- * A Voltage Standing Wave Ratio (VSWR) of 1:1
- * An impedance mismatch between components in the RF system

Q35. What terms accurately complete the following sentence?

The IEEE 802.11-2016 standard specifies mandatory support of the _____ cipher suite for Robust Security Network Associations, and optional use of the _____ cipher suite, which is designed for use with pre-RSNA hardware and is deprecated.

- * 802.1X/EAP, WEP
- * CCMP, TKIP

- * TLS, SSL
- * RC5, RC4

Q36. Users and Network support personnel at a mid-sized equipment manufacturer have been discussing the potential uses and benefits of implementing an indoor WLAN. The network administrator and network manager have requested a meeting of senior management personnel to discuss a WLAN implementation before performing a site survey or taking any implementation steps. The first topic of discussion in the meeting is the corporate policy concerning implementation and use of WLAN technology.

What specific topics are appropriate in this policy meeting? (Choose 2)

- * Use of the latest 802.11ac equipment
- * Business justification
- * User productivity impact
- * Antenna types
- * Defining RF channels for use

Q37. What is a channel mode specified by the 802.11n (High Throughput) PHY?

- * Frequency Hopping
- * 20/40 MHz
- * 22 MHz
- * 80 MHz

Q38. What term correctly completes the following sentence?

In an IEEE 802.11 frame, the IP packet is considered by the MAC layer to be a(n) _____.

- * MAC Service Data Unit (MSDU)
- * MAC Protocol Data Unit (MPDU)
- * IP datagram
- * PLCP Service Data Unit (PSDU)
- * PLCP Protocol Data Unit (PPDU)

Q39. What is an advantage of using WPA2-Personal instead of WEP-128 as a security solution for 802.11 networks?

- * WPA2-Personal uses CCMP for encryption, and WEP-128 uses TKIP for encryption
- * WPA2-Personal uses dynamic encryption keys, and WEP-128 uses static keys
- * WPA2-Personal uses 802.1X/EAP for authentication, and WEP-128 uses preshared keys
- * WPA2-Personal is based on IEEE 802.11 industry standards, but WEP is not

Q40. As XYZ Company's wireless specialist, you have been asked to troubleshoot some unexpected frame patterns in a wireless protocol capture. Your peers explain that the network's beacon frames are inconsistent. That is, the BSSID is the same for all beacons, but the source address varies between three different addresses.

What network configuration would cause this beacon frame behavior?

- * A single AP supports multiple BSSs with different SSIDs
- * A virtual cell single channel network has been implemented
- * The beacons are from an IBSS instead of a BSS
- * Three APs still share the same default configuration.

Q41. Which one of the following frequency ranges is not specified for use by IEEE 802.11 radios as of

802.11-2012?

- * 600-630 MHz
- * 2.4000-2.4835 MHz
- * 5.725-5.874 GHz
- * 5.15-5.25 GHz

Q42. Your consulting firm has recently been hired to complete a site survey for a company. Your engineers use predictive modeling software for surveying, but the company insists on a pre- deployment site visit.

What task should be performed as part of the pre-deployment visit to prepare for a predictive survey?

- * Evaluate the building materials at ABC's facility and confirm that the floor plan documents are consistent with the actual building.
- * Test several antenna types connected to the intended APs for use in the eventual deployment.
- * Collect information about the company's security requirements and the current configuration of their RADIUS and user database servers.
- * Install at least one AP on each side of the exterior walls to test for co-channel interference through these walls.

Q43. The IEEE 802.11-2012 standard requires VHT capable devices to be backward compatible with devices using which other 802.11 physical layer specification (PHY)?

- * OFDM
- * HR/DSSS
- * ERP-PBCC
- * DSSS

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