

CWNA-109 neuester Studienführer & CWNA-109 Training Torrent prep



Um die CWNP CWNA-109 Zertifizierungsprüfung zu bestehen, wählen Sie doch unseren ExamFragen. Sie werden sicher nicht bereuen, dass Sie mit so wenigem Geld die Prüfung bestehen können. Unser ExamFragen wird Ihnen helfen, sich auf die Prüfung gut vorzubereiten und die CWNP CWNA-109 Zertifizierungsprüfung (CWNP Wireless Network Administrator (CWNA)) erfolgreich zu bestehen. Außerdem bieten wir Ihnen kostenlos einen einjährigen Update-Service.

CWNP CWNA-109 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• RF Validation and WLAN remediation: This topic covers RF interference, WLAN performance, the basic features of validation tools, and common wireless issues.
Thema 2	• WLAN Protocols and Devices: It focuses on terminology related to the 802.11 MAC and PHY, the purpose of the three main 802.11 frame types, MAC frame format, and 802.11 channel access methods.
Thema 3	• WLAN Network Security: It addresses the concepts of weak security options, security mechanisms for enterprise WLANs, and security options and tools used in wireless networks.

>> CWNA-109 Fragen Antworten <<

Zertifizierung der CWNA-109 mit umfassenden Garantien zu bestehen

Wünschen Sie jetzt die früheren Prüfungsfragen und Nachschlagebücher von CWNP CWNA-109 Zertifizierungsprüfungen? Sie haben nicht genug Zeit, die CWNP CWNA-109 Zertifizierungsprüfung vorzubereiten, wenn Sie sich mit der Arbeit beschäftigen sind. Deshalb ist es sehr wichtig für Sie, hocheffektive Prüfungsunterlagen auszuwählen. Deshalb ist es sehr wichtig, ein richtiges Lerngerät zu wählen. Wählen Sie bitte CWNP CWNA-109 Dumps von ExamFragen.

CWNP Wireless Network Administrator (CWNA) CWNA-109

Prüfungsfragen mit Lösungen (Q82-Q87):

82. Frage

What cipher suite is specified by the 802.11-2016 standard and is not deprecated?

- A. Temporal Key Integrity Protocol
- B. Extensible Authentication Protocol
- C. Counter Mode with CBC-MAC Protocol
- D. Wired Equivalent Privacy

Antwort: C

Begründung:

The cipher suite specified by the 802.11-2016 standard and is not deprecated is Counter Mode with CBC-MAC Protocol (CCMP). CCMP is an encryption protocol that uses Advanced Encryption Standard (AES) as the underlying cipher and provides confidentiality, integrity, and origin authentication for wireless data.

CCMP is the mandatory encryption protocol for WPA2 and WPA3. References: [CWNP Certified Wireless Network Administrator Official Study Guide: Exam CWNA-109], page 295; [IEEE Standard for Information technology-Telecommunications and information exchange between systems Local and metropolitan area networks-Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications], page 1560.

83. Frage

What frame type is used to reserve the wireless medium for the transmission of high data rate frames that may not be understood by all clients connected to the BSS?

- A. Beacon
- B. PS-Poll
- C. RTS
- D. ACK

Antwort: C

Begründung:

The frame type that is used to reserve the wireless medium for the transmission of high data rate frames that may not be understood by all clients connected to the BSS is RTS. RTS stands for Request to Send and is a control frame that is sent by a station to request access to the medium for a specified duration. The RTS frame contains the source and destination MAC addresses, as well as a Network Allocation Vector (NAV) value that indicates how long the medium will be occupied. The destination station responds with a Clear to Send (CTS) frame that echoes the NAV value and grants permission to the source station. All other stations in the BSS hear either the RTS or CTS frame and update their NAV timers accordingly, deferring their transmissions until the medium is free. The RTS/CTS mechanism can be used to prevent hidden node problems, reduce collisions, and protect high data rate frames that use features such as 802.11n or 802.11ac that may not be compatible with legacy stations. ACK, Beacon, and PS-Poll are not used to reserve the medium for high data rate frames. References: [CWNP Certified Wireless Network Administrator Official Study Guide:

ExamCWNA-109], page 112; [CWNA: Certified Wireless Network Administrator Official Study Guide: ExamCWNA-109], page 102.

84. Frage

Your manager asked you to locate a solution that allows for centralized monitoring of WLAN performance over time. He wants a single pane of glass for administration and monitoring of the solution. What do you recommend?

- A. AP-based spectrum analysis
- B. Laptop-based protocol analyzers
- C. Laptop-based spectrum analyzers
- D. Overlay WLAN monitoring solution

Antwort: D

Begründung:

The solution that you recommend is an Overlay WLAN monitoring solution. An Overlay WLAN monitoring solution is a system that uses dedicated sensors or probes to monitor the WLAN performance over time. The sensors are deployed throughout the WLAN coverage area and collect data on various metrics such as signal strength, noise level, channel utilization, interference, throughput, latency, packet loss, and QoS. The sensors send the data to a centralized server or appliance that analyzes the data and provides a single pane of glass for administration and monitoring of the solution. An Overlay WLAN monitoring solution can help to detect and troubleshoot WLAN issues, optimize WLAN performance, and generate reports and alerts. References: [CWNP Certified Wireless Network Administrator Official Study Guide: Exam CWNA-109], page 538; [CWNA: Certified Wireless Network Administrator Official Study Guide: Exam CWNA-109], page 508.

85. Frage

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

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

Antwort: D

Begründung:

OFDM is a modulation method that divides the channel bandwidth into multiple subcarriers, each carrying a single data symbol. This allows for higher data rates and more robust transmissions in multipath environments.

OFDM was first introduced in the 802.11a standard, which operates in the 5 GHz band and supports data rates up to 54 Mbps.

Later, the 802.11g standard adopted OFDM for the 2.4 GHz band, and the 802.11n and

802.11ac standards enhanced OFDM with features such as MIMO (Multiple Input Multiple Output), channel bonding, and higher-order modulation schemes to achieve data rates up to 600 Mbps and 6.9 Gbps, respectively. These standards are collectively known as the ERP (Extended Rate PHY), HT (High Throughput), and VHT (Very High Throughput) PHYs. References: [CWNA-109 Study Guide], Chapter 4:

Radio Frequency Signal and Antenna Concepts, page 163; [CWNA-109 Study Guide], Chapter 4: Radio Frequency Signal and Antenna Concepts, page 157.

86. Frage

A non-802.11 device is suspected of causing interference on the WLAN. You are not certain of the location or type of device. What is the best solution for locating this non-802.11 device?

- A. Access point spectrum analyzer
- B. Laptop-based spectrum analyzer with an omni-directional antenna
- **C. Laptop-based spectrum analyzer with a directional antenna**
- D. Laptop-based spectrum analyzer with an omni-directional antenna

Antwort: C

Begründung:

A laptop-based spectrum analyzer with a directional antenna is the best solution for locating a non-802.11 device that is suspected of causing interference on the WLAN. A spectrum analyzer is a device or a software application that can measure and display the frequency spectrum of electromagnetic signals in a given range.

A spectrum analyzer can show the amplitude, frequency, bandwidth, modulation, and other characteristics of different signals in the spectrum, which can help identify their sources and types. A spectrum analyzer can also detect non-802.11 devices that may cause interference on the WLAN, such as microwave ovens, cordless phones, Bluetooth devices, or radar systems. A laptop-based spectrum analyzer is a software application that runs on a laptop computer and uses an external USB adapter as its RF interface. A laptop-based spectrum analyzer has the advantage of being portable, flexible, and cost-effective compared to a hardware-based spectrum analyzer. A directional antenna is an antenna that radiates or receives RF signals more strongly in one direction than in others. A directional antenna has a high gain and a narrow beamwidth, which means it can focus the RF energy in a specific direction and reduce the interference from other directions. A directional antenna can also increase the range and sensitivity of the RF signal detection. To locate a non-802.11 device that is causing interference on the WLAN, a laptop-based spectrum analyzer with a directional antenna can be used to perform a technique called RF hunting or triangulation. This technique involves pointing the directional antenna in different directions and observing the signal strength and characteristics of the interfering device on the

spectrum analyzer. By moving around and changing the direction of the antenna, the location of the interfering device can be estimated based on where the signal strength is highest and most consistent. References: 1, Chapter 7, page 282; 2, Section 4.3

87. Frage

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Wenn Sie ein Pendler sind, wenn Sie die CWNP CWNA-109 Prüfung so schnell wie möglich bestehen möchten, dass ist ExamFragen Ihre beste Wahl. Unser ExamFragen bietet Ihnen die Testfragen und Antworten von CWNP CWNA-109, die von den IT-Experten durch Experimente und Praxis erhalten werden und über IT-Zertifizierungserfahrungen über 10 Jahre verfügt. Mit ExamFragen können Sie nicht nur Zeit sparen, sondern auch die CWNP CWNA-109 Zertifizierungsprüfung leicht und zügig bestehen.

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