CWNA-109認證考試的新考古題匯總

作為一位 CWNP CWNA-109 考生而言，作好充分的準備可以幫助您通過考試。首先您必須去當地考試中心咨詢相關考試信息，然后挑選最新的 CWNA-109 考試題庫，因為擁有了最新的 CWNA-109 考試題庫可以有利的提高通過考試的機率。使用NewDumps 的題庫可以節省您寶貴的時間，保證你順利通過 CWNA-109 考試。既能幫您節省時間，又可以順利幫助您通過考試，這將是您的最佳選擇。

CWNP CWNA-109 考試大綱：

主題	簡介
主題 1	• 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.
主題 2	• 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.
主題 3	• WLAN Regulations and Standards: The topic discusses the roles of WLAN and networking industry organizations. It also addresses the concepts of various Physical Layer (PHY) solutions, spread spectrum technologies, and 802.11 WLAN functional concepts.
主題 4	• RF Validation and WLAN remediation: This topic covers RF interference, WLAN performance, the basic features of validation tools, and common wireless issues.

>> CWNA-109考題寶典 <<

CWNA-109考題寶典：CWNP Wireless Network Administrator (CWNA)考試，CWNP CWNA-109—100％免費

在現在這個人才濟濟的社會裏，還是有很多行業是缺乏人才的，比如IT行業就相當缺乏技術性的人才。而CWNP CWNA-109 認證考試就是個檢驗IT技術的認證考試之一。NewDumps是一個給你培訓CWNP CWNA-109 認證考試相關技術知識的網站。

最新的 CWNA Certification CWNA-109 免費考試真題 (Q74-Q79):

問題 #74
What best describes WPA2 in relation to 802.11 wireless networks?

- A. WPA2 is specified in the 802.11 standard as implementing CCMP/AES.
- B. WPA2 is the standard that defines security for WLANs.
- C. WPA2 is a certification created by the Wi-Fi Alliance that validates devices correctly implement CCMP/ AES.

- D. WPA2 is the second version of WPA and it enhances security through the use of TKIP instead of WEP.

答案：C

解題說明：
WPA2 (Wi-Fi Protected Access 2) is a security certification program developed by the Wi-Fi Alliance to secure wireless computer networks. It is important to understand the following:
* WPA2 and the 802.11 Standard: While WPA2 is based on elements of the 802.11i amendment to the 802.11 standard, it is not itself a standard but rather a certification to ensure devices comply with certain security criteria, including the correct implementation of CCMP (Counter Mode Cipher Block Chaining Message Authentication Code Protocol) and AES (Advanced Encryption Standard).
* CCMP/AES Implementation: WPA2 enhances the security of wireless networks by using CCMP for encryption, which is based on AES, a robust encryption algorithm. This represents a significant security improvement over WEP (Wired Equivalent Privacy) and WPA (Wi-Fi Protected Access) that used TKIP (Temporal Key Integrity Protocol).
* WPA vs. WPA2: WPA was the interim security enhancement over WEP, utilizing TKIP for encryption. WPA2, however, moved to the more secure AES-based encryption method. Contrary to option C, WPA2 does not enhance security by using TKIP; it uses CCMP/AES.
Therefore, option B correctly describes WPA2 as a certification program ensuring devices properly implement the more secure CCMP/AES encryption methods.
References:
Wi-Fi Alliance website for WPA2 certification details.
IEEE 802.11i-2004: Amendment for Enhanced Security.

問題 #75
Which IEEE 802.11 physical layer (PHY) specification includes support for operation in the 2.4 GHz, 5 GHz, and 6 GHz bands?

- A. VHT (802.11ac).
- B. HT(802.11n)
- C. HE (802.11ax)
- D. HR/DSSS (802.11b)

答案：C

解題說明：
The IEEE 802.11ax standard, also known as High-Efficiency Wireless (HEW) or simply HE, includes support for operation across multiple frequency bands: 2.4 GHz, 5 GHz, and, with the appropriate regulatory approvals, the 6 GHz band. This makes option D the correct answer. Here's how it compares to the other options:
* HE (802.11ax): Introduced as an enhancement over previous standards, 802.11ax is designed to improve efficiency, especially in dense environments. It supports operation in the 2.4 GHz, 5 GHz, and 6 GHz bands (the latter pending regulatory approval in various regions), making it highly versatile and future-proof.
* VHT (802.11ac): Very High Throughput, or 802.11ac, operates exclusively in the 5 GHz band. It introduced significant speed improvements over its predecessor (802.11n) but does not support the 2.4 GHz or 6 GHz bands.
* HT (802.11n): High Throughput, or 802.11n, supports operation in both the 2.4 GHz and 5 GHz bands. However, it does not include support for the 6 GHz band.
* HR/DSSS (802.11b): High-Rate Direct Sequence Spread Spectrum, or 802.11b, operates only in the 2.4 GHz band. It was one of the early Wi-Fi standards and does not support 5 GHz or 6 GHz bands.
Given these distinctions, only 802.11ax (option D) supports operation across all three mentioned bands, aligning with the requirements stated in the question.
References:
* IEEE 802.11ax-2021: High-Efficiency Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications.
* Understanding the 802.11ax (Wi-Fi 6) standard and its implications for modern wireless networking.

問題 #76
When implementing PoE, what role is played by a switch?

- A. Midspan injector
- B. PSE
- C. Power splitter
- D. PD

答案：B

解題說明：
PoE stands for Power over Ethernet, which is a technology that allows network devices to receive power and data over the same Ethernet cable. PoE eliminates the need for separate power adapters or outlets for devices such as IP phones, cameras, or APs. PoE requires two types of devices: PSE (Power Sourcing Equipment) and PD (Powered Device). A PSE is a device that provides power to the Ethernet cable, such as a switch, injector, or splitter. A PD is a device that receives power from the Ethernet cable, such as an IP phone, camera, or AP. When implementing PoE, a switch plays the role of a PSE910. References: CWNA-109 Study Guide, Chapter 7: Power over Ethernet (PoE), page 293; CWNA-109Study Guide, Chapter 7: Power over Ethernet (PoE), page 287.

問題 #77
An RF signal sometimes bends as it passes through a material rather than around an obstacle. What is the RF behavior that this statement best describes?

- A. Reflection
- B. Refraction
- C. Scattering
- D. Diffraction

答案：B

解題說明：
Refraction is the bending of an RF signal as it passes through a material of different density. Refraction can cause the signal to change its direction and angle of arrival. For example, when a light beam passes from air to water, it bends because of the difference in the refractive index of the two mediums. Similarly, when an RF signal passes from one medium to another, such as from air to glass, it can bend due to the change in the dielectric constant of the materials12. References: 1:CWNA-109Official Study Guide, page 67 2: Refraction

問題 #78
What cipher suite is specified by the 802.11-2016 standard and is not deprecated?

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

答案：C

解題說明：
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.

問題 #79
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