

2025 CWNA-109 Exam Overview - Trustable CWNP CWNP Wireless Network Administrator (CWNA) - CWNA-109 Training Solutions



CWNA-109 exam dumps allow free trial downloads. You can get the information you want to know through the trial version. After downloading our study materials trial version, you can also easily select the version you like, as well as your favorite CWNA-109 Exam Prep, based on which you can make targeted choices. Our study materials want every user to understand the product and be able to really get what they need.

Our CWNA-109 practice questions are not famous for nothing. As long as you choose our CWNA-109 study guide, you will find that the exam questions and answers are always the most accurate and up-to-date. It is all due to the hard work of our professionals who always keep a close eye on the updating. The CWNA-109 learning braindumps are regularly updated in line with the changes introduced in the exam contents. You will always find our CWNA-109 exam simulating highly relevant to your needs.

[>> CWNA-109 Exam Overview <<](#)

CWNA-109 Training Solutions - New CWNA-109 Test Cost

Our CWNA-109 study materials combine the key information about the test in the past years' test papers and the latest emerging knowledge points among the industry to help the clients both solidify the foundation and advance with the times. We give priority to the user experiences and the clients' feedback, CWNA-109 Study Materials will constantly improve our service and update the version to bring more conveniences to the clients and make them be satisfied.

CWNP CWNA-109 Exam Syllabus Topics:

Topic	Details
Topic 1	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.

Topic 2	• RF Validation and WLAN remediation: This topic covers RF interference, WLAN performance, the basic features of validation tools, and common wireless issues.
Topic 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.

CWNP Wireless Network Administrator (CWNA) Sample Questions (Q122-Q127):

NEW QUESTION # 122

You are managing a wireless access point in autonomous mode using the Web based interface. You capture traffic during this management task and notice that you can see the HTML code of the Web pages used for access point management. What error in administration could be the cause of this security concern?

- A. IPsec is not in use of the management connection as recommended
- B. HTTP is in use instead of HTTPS
- C. WPA2 is disabled on the WLAN
- D. A VPN with the AP is not established

Answer: B

Explanation:

The error in administration that could be the cause of this security concern is that HTTP is in use instead of HTTPS. HTTP is an unencrypted protocol that transfers data in plain text over the network. This means that anyone who captures the traffic can see the HTML code of the Web pages used for access point management, as well as any sensitive information such as passwords or configuration settings. HTTPS is an encrypted protocol that uses SSL/TLS to secure the data transmission between the Web browser and the Web server.

HTTPS prevents anyone from snooping on or tampering with the Web traffic. Therefore, HTTPS should always be used for Web based management of wireless access points, especially in autonomous mode where there is no centralized controller to enforce security policies. References: [CWNP Certified Wireless Network Administrator Official Study Guide: ExamCWNA-109], page 431; [HTTP vs HTTPS: What's The Difference And Why Should You Care?].

NEW QUESTION # 123

What is always required to establish a high quality 2.4 GHz RF link at a distance of 3 miles (5 kilometers)?

- A. Grid antennas at each endpoint
- B. Minimum output power level of 2 W
- C. A Fresnel Zone that is at least 60% clear of obstructions
- D. A minimum antenna gain of 11 dBi at both endpoints

Answer: C

Explanation:

What is always required to establish a high quality 2.4 GHz RF link at a distance of 3 miles (5 kilometers) is a Fresnel Zone that is at least 60% clear of obstructions. The Fresnel Zone is an elliptical-shaped area around the line-of-sight path between two antennas that reflects and refracts the RF waves. The Fresnel Zone radius depends on the frequency of the RF signal and the distance between the antennas. For optimal performance, the Fresnel Zone should be at least 60% clear of any obstructions that may cause interference, attenuation, or multipath fading. The minimum output power level, antenna gain, and antenna type may vary depending on the environmental conditions and regulatory constraints, but they are not always required for a high quality RF link. References: [CWNP Certified Wireless Network Administrator Official Study Guide: ExamCWNA-109], page 75; [CWNA: Certified Wireless Network Administrator Official Study Guide: ExamCWNA-109], page 65.

NEW QUESTION # 124

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?

- A. 12.95 W
- B. 30 W
- C. 15.4 W
- **D. 25.5 W**

Answer: D

Explanation:

PoE has different standards that define different power levels for PSEs and PDs. The original standard, IEEE 802.3af, defines two classes of PSEs: Class 3 (15.4 W) and Class 4 (30 W). The newer standard, IEEE 802.3at, also known as PoE+, defines four classes of PSEs: Class 0 (15.4 W), Class 1 (4 W), Class 2 (7 W), and Class 3 (12.95 W). The power level received at the PD is always lower than the power level provided by the PSE, due to cable resistance and power dissipation. The IEEE standards specify the minimum power level that must be received at the PD for each class of PSE. For a Class 4 PSE, the minimum power level received at the PD is 25.5 W [10]. References: CWNA-109 Study Guide, Chapter 7: Power over Ethernet (PoE), page 295; CWNA-109 Study Guide, Chapter 7: Power over Ethernet (PoE), page 289.

NEW QUESTION # 125

You are tasked with performing a throughput test on the WLAN. The manager asks that you use open source tools to reduce costs. What open source tool is designed to perform a throughput test?

- A. Python
- B. IxChariot
- **C. iPerf**
- D. PuTTY

Answer: C

Explanation:

iPerf is an open source tool that is designed to perform a throughput test on the WLAN. iPerf is a cross-platform command-line tool that can measure the bandwidth and quality of network links by generating TCP or UDP traffic between two endpoints. iPerf can run as either a server or a client mode, depending on whether it receives or sends traffic. iPerf can also report various metrics of network performance, such as throughput, jitter, packet loss, delay, and TCP window size. To perform a throughput test on the WLAN using iPerf, one device needs to run iPerf in server mode and another device needs to run iPerf in client mode. The devices need to be connected to the same WLAN network and have their IP addresses configured properly.

The device running iPerf in client mode needs to specify the IP address of the device running iPerf in server mode as well as other parameters such as protocol, port number, duration, interval, bandwidth limit, packet size, etc. The device running iPerf in server mode will listen for incoming connections from the client device and send back acknowledgments or responses depending on the protocol used. The device running iPerf in client mode will send traffic to the server device according to the specified parameters and measure the network performance. The device running iPerf in client mode will display the results of the throughput test at the end of the test or at regular intervals during the test. The results can show the average, minimum, maximum, and instantaneous throughput of the network link, as well as other metrics such as jitter, packet loss, delay, and TCP window size. References: 1, Chapter 7, page 287; 2, Section 4.3

NEW QUESTION # 126

You have implemented an 802.11ax WLAN for a customer. All APs are four stream HE APs. The customer states that it is essential that most of the clients can use the OFDMA modulation scheme. What do you tell the customer?

- **A. The clients that must support OFDMA must also be upgraded to 802.11ax**
- B. If the devices support 802.11ac, they can be updated to support OFDMA through driver upgrades
- C. OFDMA is an optional feature of 802.11ax and most APs don't even support it
- D. All 5 GHz PHYs use OFDM modulation, so you will achieve OFDMA everywhere in 5 GHz

Answer: A

Explanation:

OFDMA is a new modulation scheme introduced in 802.11ax that allows multiple users to share the same channel by dividing it into smaller subchannels called resource units (RUs). This improves the efficiency and capacity of the WLAN by reducing contention and overhead. However, to use OFDMA, both the AP and the client must support 802.11ax and negotiate the parameters of the

subchannel allocation. Therefore, the customer needs to upgrade the clients that require OFDMA to 802.11ax devices¹². The other options are not correct because they do not reflect the reality of OFDMA. Option B is incorrect because OFDMA is a mandatory feature of 802.11ax for both downlink and uplink transmissions, and all 802.11ax APs must support it¹. Option C is incorrect because OFDM and OFDMA are different modulation schemes, and OFDM does not allow multiple users to share the same channel. Option D is incorrect because 802.11ac devices cannot support OFDMA through driver upgrades, as they lack the hardware and firmware capabilities to do so².

References: 1:CWNA-109Official Study Guide, page 144 2: OFDMA

NEW QUESTION # 127

Our CWNA-109 learning questions are always the latest and valid to our loyal customers. We believe this is a basic premise for a company to continue its long-term development. The user passes the CWNA-109 exam and our market opens. This is a win-win situation. Or, you can use your friend to find a user who has used our CWNA-109 Guide quiz. In fact, our CWNA-109 study materials are very popular among the candidates. And more and more candidates are introduced by their friends or classmates.

CWNA-109 Training Solutions: <https://www.dumpsactual.com/CWNA-109-actualtests-dumps.html>

- [illegible]