

CWNP CWNA-109 Popular Exams, CWNA-109 Test Dumps.zip

Pass CWNP CWNA-109 Exam with Real Questions

CWNP CWNA-109 Exam

Certified Wireless Network Administrator

<https://www.passquestion.com/CWNA-109.html>



35% OFF on All, Including CWNA-109 Questions and Answers

Pass CWNA-109 Exam with PassQuestion CWNA-109 questions and answers in the first attempt.

<https://www.passquestion.com/>

1 / 7

Our online test engine and windows software of the CWNA-109 test answers will let your experience the flexible learning style. Apart from basic knowledge, we have made use of the newest technology to enrich your study of the CWNA-109 exam study materials. Online learning platform is different from traditional learning methods. One of the great advantages is that you will soon get a feedback after you finish the exercises. So you are able to adjust your learning plan of the CWNA-109 Guide test flexibly. We hope that our new design can make study more interesting and colorful. You also can send us good suggestions about developing the study material.

In order to help you save more time, we will transfer CWNA-109 test guide to you within 10 minutes online after your payment and guarantee that you can study these materials as soon as possible to avoid time waste. We believe that time is the most valuable things in the world. This is why we are dedicated to improve your study efficiency and production. Moreover if you have a taste ahead of schedule, you can consider whether our CWNA-109 Exam Torrent is suitable to you or not, thus making the best choice. What's more, if you become our regular customers, you can enjoy more membership discount and preferential services.

>> **CWNP CWNA-109 Popular Exams** <<

CWNP CWNA-109 Test Dumps.zip & CWNA-109 Exam Preparation

We strongly recommend using our CWNP CWNA-109 exam dumps to prepare for the CWNP CWNA-109 certification. It is the best way to ensure success. With our CWNP CWNA-109 practice questions, you can get the most out of your studying and

maximize your chances of passing your CWNP CWNA-109 Exam. EduDump CWNP CWNA-109 practice test software is the answer if you want to score higher in the CWNP CWNA-109 exam and achieve your academic goals.

CWNP Wireless Network Administrator (CWNA) Sample Questions (Q46-Q51):

NEW QUESTION # 46

You are implementing a VHT-capable AP. Which one of the following channels is available in the 802.11-2016 standard that was not available before the ratification of 802.11 ac?

- A. 0
- **B. 1**
- C. 2
- D. 3

Answer: B

Explanation:

Channel 144 is a new channel that was added to the 5 GHz band by the 802.11ac amendment, which defines the VHT (Very High Throughput) PHY for WLANs. Channel 144 has a center frequency of 5720 MHz and a bandwidth of 20 MHz. It can also be combined with adjacent channels to form wider channels of 40 MHz, 80 MHz, or 160 MHz. Channel 144 is available in some regions, such as North America and Europe, but not in others, such as Japan and China. References: [CWNA-109 Study Guide], Chapter 3: Antennas and Accessories, page 121; [CWNA-109 Study Guide], Chapter 3: Antennas and Accessories, page 115; [Wikipedia], List of WLAN channels.

NEW QUESTION # 47

You administer a WLAN that offers a guest SSID of GUESTNETWORK. Users connect to the GUESTNETWORK SSID, but report that they cannot browse the Internet. The devices simply report no Internet connection. What common problem causes this scenario?

- A. NTP issues
- B. Hardware issues
- C. IP routing issues
- **D. Captive portal issues**

Answer: D

Explanation:

A common problem that causes this scenario is captive portal issues. A captive portal is a web page that requires users to authenticate or accept terms and conditions before accessing the Internet through a WLAN. A captive portal is often used for guest networks to provide security and control over the network access. A captive portal works by intercepting the user's web requests and redirecting them to the portal page until the user completes the required action. However, sometimes the captive portal may not work properly due to various reasons, such as browser settings, firewall rules, DNS configuration, or network errors. This can prevent the user from browsing the Internet or seeing the portal page. To troubleshoot captive portal issues, you can try to use a different browser, clear the browser cache and cookies, disable any VPN or proxy settings, manually enter the portal URL, or contact the network administrator. NTP issues, hardware issues, or IP routing issues are not common problems that cause this scenario. References: [CWNP Certified Wireless Network Administrator Official Study Guide: ExamCWNA-109], page 343; [CWNA: Certified Wireless Network Administrator Official Study Guide: ExamCWNA-109], page 333.

NEW QUESTION # 48

A client complains of low data rates on his computer. When you evaluate the situation, you see that the signal strength is -84 dBm and the noise floor is -96 dBm. The client is an 802.11ac client and connects to an 802.11ac AP. Both the client and AP are 2x2:2 devices. What is the likely cause of the low data rate issue?

- A. Lack of support for 802.11n
- **B. Weak signal strength**
- C. CAT5e cabling run to the AP
- D. Too few spatial streams

Answer: B

Explanation:

Weak signal strength is the likely cause of the low data rate issue for the client that has a signal strength of -84 dBm and a noise floor of -96 dBm. The client is an 802.11ac client and connects to an 802.11ac AP. Both the client and AP are 2x2:2 devices. Signal strength is the measure of how strong the RF signal is at the receiver.

Signal strength can affect the reliability and performance of the wireless connection, as well as the data rate and throughput of the traffic. The higher the signal strength, the better the signal quality and the higher the data rate. The lower the signal strength, the worse the signal quality and the lower the data rate.

The data rate of an 802.11ac connection depends on several factors, such as channel bandwidth, modulation and coding scheme (MCS), spatial streams, guard interval, and beamforming. However, these factors are also influenced by the signal strength, as they require a certain signal-to-noise ratio (SNR) to operate properly.

SNR is the ratio of the signal strength to the noise floor, which is the measure of the background noise or interference in the RF environment. The higher the SNR, the more robust and efficient the communication.

The lower the SNR, the more prone and vulnerable to errors and retries.

According to the CWNA Official Study Guide, Table 3.7, page 112, an 802.11ac connection with a channel bandwidth of 80 MHz, an MCS of 9, two spatial streams, a short guard interval, and no beamforming can achieve a maximum data rate of 867 Mbps. However, this data rate requires a minimum SNR of 30 dB to maintain a sufficient signal quality. If the signal strength is -84 dBm and the noise floor is -96 dBm, then the SNR is only 12 dB ($-84 \text{ dBm} - (-96 \text{ dBm}) = 12 \text{ dB}$), which is far below the required SNR for this data rate.

Therefore, the data rate will drop significantly to match the lower SNR and signal quality.

To solve this problem, the signal strength should be increased to improve the SNR and data rate. This can be done by adjusting the output power or channel assignment of the AP or client, relocating or reorienting some APs or antennas to reduce attenuation or interference, updating or replacing some faulty or outdated hardware or software components, etc. References: , Chapter 3, page 112; , Section 3.2

NEW QUESTION # 49

The BSA of an AP covers the area used by the sales and marketing department. Thirty-five stations operate in this space. The users indicate that they need more throughput and all stations are 5 GHz capable 802.11ac clients. The current AP configuration uses 20 MHz channels in both 2.4 GHz and 5 GHz. What is the least expensive solution available for increasing throughput for these users without implementing configuration options that are not recommended?

- A. Use a 40 MHz channel on the 2.4 GHz radio
- B. Install a second AP in the coverage area
- C. Use a 40 MHz channel on the 5 GHz radio
- D. Use a 160 MHz channel on the 5 GHz radio

Answer: C

Explanation:

The least expensive solution available for increasing throughput for these users without implementing configuration options that are not recommended is to use a 40 MHz channel on the 5 GHz radio. This solution can double the channel bandwidth and increase the data rates for the 5 GHz capable 802.11ac clients. Using a

40 MHz channel on the 5 GHz radio is also less likely to cause co-channel interference or overlap with other channels than using a 40 MHz channel on the 2.4 GHz radio, which has only three non-overlapping channels.

Using a 160 MHz channel on the 5 GHz radio may provide even higher throughput, but it may also consume too much of the available spectrum and cause more interference with other devices or networks. Installing a second AP in the coverage area may also improve the throughput, but it may require additional costs and configuration. References: [CWNP Certified Wireless Network Administrator Official Study Guide: Exam CWNA-109], page 216; [CWNA: Certified Wireless Network Administrator Official Study Guide: Exam CWNA-109], page 206.

NEW QUESTION # 50

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

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

Answer: B

Explanation:

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.

NEW QUESTION # 51

.....

Nowadays the requirements for jobs are higher than any time in the past. The job-hunters face huge pressure because most jobs require both working abilities and profound major knowledge. Passing CWNA-109 exam can help you find the ideal job. If you buy our CWNA-109 Test Prep you will pass the exam easily and successfully, and you will realize you dream to find an ideal job and earn a high income. Your satisfactions are our aim of the service and please take it easy to buy our CWNA-109 quiz torrent.

CWNA-109 Test Dumps.zip: <https://www.edudump.com/exams/CWNP/CWNA-109/>

CWNP CWNA-109 Popular Exams This certification helps you in achieving your career goals, CWNA-109 Soft test engine can stimulate the real exam environment, if you use this version, it will help you know the procedures of the exam, CWNP CWNA-109 Popular Exams For a more challenging and thorough preparation, Practice Test software APP real exam environment, CWNA-109 Online test engine supports all web browsers, with this version you can have a brief review of what you have finished last time.

Growing and Splitting Features, The best business guide CWNA-109 for design professionals just got better, This certification helps you in achieving your career goals, CWNA-109 Soft test engine can stimulate the real exam environment, if you use this version, it will help you know the procedures of the exam.

Effective CWNA-109 Exam Questions: Study with EduDump for Guaranteed Success

For a more challenging and thorough preparation, Practice Test software APP real exam environment, CWNA-109 Online test engine supports all web browsers, with this version you can have a brief review of what you have finished last time.

No matter where you go, you can carry the PDF version of the CWNA-109 actual exam materials easily.

- CWNA-109 Actual Dump CWNA-109 Actual Dump CWNA-109 Valid Exam Answers Easily obtain free download of CWNA-109 by searching on www.prepawaypdf.com CWNA-109 Free Practice Exams
- High-quality CWNA-109 Popular Exams Offers Candidates Free-download Actual CWNP CWNP Wireless Network Administrator (CWNA) Exam Products Open “ www.pdfvce.com ” enter [CWNA-109] and obtain a free download CWNA-109 Reliable Exam Tips
- Trusted CWNA-109 Exam Resource CWNA-109 Updated Testkings Regular CWNA-109 Update Enter [www.practicevce.com] and search for CWNA-109 to download for free Trusted CWNA-109 Exam Resource
- Free PDF Quiz 2026 Perfect CWNP CWNA-109: CWNP Wireless Network Administrator (CWNA) Popular Exams Search for [CWNA-109] on www.pdfvce.com immediately to obtain a free download CWNA-109 Valid Exam Answers
- 100% Pass Quiz 2026 Perfect CWNP CWNA-109: CWNP Wireless Network Administrator (CWNA) Popular Exams Search for **【 CWNA-109 】** and download it for free on www.vceengine.com website Trusted CWNA-109 Exam Resource
- Valid CWNA-109 Exam Pass4sure CWNA-109 Valid Exam Answers CWNA-109 Exam Bible Search for [CWNA-109] and download exam materials for free through www.pdfvce.com Regular CWNA-109 Update
- High-quality CWNA-109 Popular Exams Offers Candidates Free-download Actual CWNP CWNP Wireless Network Administrator (CWNA) Exam Products Copy URL www.practicevce.com open and search for CWNA-109

