

## **Exam4Test PW0-100 Exams**

### **CWNP certified wireless network administrator(cwna)**



**Practice Exam:** PW0-100

**Exam Number/Code:** PW0-100

**Exam Name:** certified wireless network administrator(cwna)

**Questions and Answers:** 120 Q&As

### **Exam Description**

**Order :** [PW 0-100 Exam](#)

1. Exam4Test offer free update service for three month.

After you purchase our product, we will offer free update in time for three month.

2. High quality and Value for the PW0-100 Exam.

Exam4Test **Practice Exams** for PW0-100 are written to the highest standards of technical accuracy, provided by our certified subject matter experts and published authors for development.

3. 100% Guarantee to Pass Your **CWNP** exam and get your **CWNP Certification**.

We guarantee your success in the first attempt. If you do not pass the **CWNP** "PW0-100" (certified wireless network administrator(cwna)) on your first attempt, send us the official result. We will give you a FULLY REFUND of your purchasing fee and send you another same value product for free.

4. Exam4Test CWNP PW0-100 Exam Downloadable.

Our PDF or Testing Engine Preparation Material of CWNP PW0-100 exam provides everything which you need to pass your exam. The CWNP Certification details are researched and produced by our Professional Certification Experts who are constantly using industry experience to produce precise, and logical. You may get "PW0-100 exam" questions from different websites or books, but logic is the key. Our Product will help you not only pass in the first certified wireless network administrator(cwna)( CWNP ) exam try, but also save your valuable time.

Comprehensive questions with complete details about PW0-100 exam.

PW0-100 exam questions accompanied by exhibits. Verified Answers Researched by Industry Experts and almost 100% correct.

Drag and Drop questions as experienced in the Real CWNP exam. PW0-100 exam questions updated on regular basis.

Like actual CWNP Certification exams, PW0-100 exam preparation is in multiple-choice questions (MCQs). Tested by many real CWNP exams before publishing.

Try free CWNP exam demo before you decide to buy it in <http://www.Exam4Test.com>

High quality and Valued for the PW0-100 Exam: 100% Guarantee to Pass Your PW0-100 exam and get your CWNP Certification. Come to <http://www.Exam4Test.com> The easiest and quickest way to get your CWNP Certification.

Exam4Test professional provides CWNP PW0-100 the newest Q&A, completely covers PW0-100 test original topic. With our completed CWNP resources, you will minimize your CWNP cost and be ready to pass your PW0-100 test on Your First Try, 100% Money Back Guarantee included!

## **PW0-100 Exam Study Guide**

PW0-100 exam is regarded as one of the most favourite [CWNP Certifications](#). Many IT professionals prefer to add PW0-100 exam among their credentials. Exam4Test not only caters you all the information regarding the PW0-100 exam but also provides you the excellent PW0-100 study guide which makes the certification exam easy for you.

### **Exam4Test Engine Features**

Comprehensive questions and answers about PW0-100 exam

PW0-100 exam questions accompanied by exhibits

Verified Answers Researched by Industry Experts and almost 100% correct

PW0-100 exam questions updated on regular basis

Same type as the certification exams, PW0-100 exam preparation is in multiple-choice questions (MCQs).

Tested by multiple times before publishing

Try free PW0-100 exam demo before you decide to buy it in Exam4Test.com

### **Exam4Test Help You Pass Any IT Exam**

[Exam4Test.com](#) offers incredible career enhancing opportunities. We are a team of IT professionals that focus on providing our customers with the most up to date material for any IT certification exam. This material is so effective that we Guarantee you will pass the exam or your money back.

Exam : CENP PW0-100

Title : certified wireless network administrator(cwna)

1. Given: ABC University provides wireless access to campus buildings from their Data Center building. ABC has installed a tower on the Data Center building with a sectorized omnidirectional antenna array using 90 of horizontal beamwidth per sector.

What is the next step in configuring the antenna array?

- A. Calculate Earth Bulge into the System Operating Margin (SOM).
- B. Configuring the downtilt of each antenna in the array.
- C. Providing DC power to each antenna in the array.
- D. Adjusting each antenna's beamwidths for optimal gain.

Answer: B

2. What IEEE documents specify methodologies for seamless roaming between access points?

- A. 802.11j
- B. 802.11d
- C. 802.11F
- D. 802.11s
- E. 802.11N
- F. 802.11r

Answer: C

3. What determines the orientation of an RF wave as it leaves the antenna element?

- A. Propagation Pitch
- B. Polarization
- C. Wave Front Trajectory
- D. Signal Focus Angle
- E. Acclimatization

Answer: B

4. Which units of measure are used to describe a calculable power quantity?

- A. dB
- B. dBm
- C. dBi
- D. mW
- E. RSSI
- F. dBd

Answer: BD

5. Given: XYZ Corporation is experiencing connectivity problems with their existing building-to-building bridge link. A brick wall on the roof of one building is partially blocking the Fresnel Zone, and the connection is dropping many frames. The administrator moves the antenna to an area not obstructed by the brick wall and then realizes the RF cable cannot reach the new location.

If an RF extension cable is used, what are the likely results?

- A. The data throughput rate will increase because VSWR will decrease.
- B. The Equivalent Isotropically Radiated Power (EIRP) will decrease.
- C. The antenna coverage area will decrease.
- D. The return loss will increase unless the impedance of the RF extension cable is equal to 50% of the antenna impedance.
- E. The likelihood of a direct lightning strike will increase, placing the entire WLAN system at risk.

Answer: BC

6. You have been hired by ABC Company to troubleshoot their 802.11abgh-compliant, Wi-Fi-certified access point and wireless client devices. After completing a site survey, you identify five neighboring 802.11b access points belonging to XYZ Company; one on channel 1, three on channel 6, and one on channel 11. To best avoid co-channel and adjacent channel interference, what suggested change is most appropriate?

- A. Configure ABC Company's access point to use channel 1, 802.11g OFDM-only mode, and to operate in PCF mode.
- B. Configure ABC Company's access point to use channel 3, 802.11g-standard mode, and to use the RTS/CTS protection mechanism all the time.
- C. Configure ABC Company's access point to use 802.11a with dynamic frequency selection (DFS).
- D. There is no available configuration that would avoid co-channel or adjacent-channel interference in this situation.

Answer: C

7. What phrase describes the effect of increasing the distance that an RF wave travels when the RF antenna lobe is focused in a desired direction?

- A. Polar Extension
- B. Active Amplification
- C. Beam Compression
- D. Passive Gain
- E. Phased Array Propagation

Answer: D

8. What are some common specifications for 802.11 WLAN antennas?

- A. Spectral Purity Rating
- B. Frequency Range in MHz
- C. Impedance in Ohms
- D. VSWR Rating
- E. Return Loss Rating
- F. Polarization

Answer: BCDF

9. What is a valid type of lightning arrestor used with 802.11 wireless LANs?

- A. Coaxial arrestor with a metal oxide varistor (MOV) input circuit
- B. Parallel tuned tank-circuit arrestor
- C. Coaxial arrestor with a gas discharge tube
- D. Inductor-based load-sensing arrestor

Answer: C

10. In a long-distance RF link, what statement about Fade Margin is true?

- A. Fade Margin is the amount of signal strength in addition to the Link Budget.
- B. The Fade Margin of a long-distance RF link does not account for antenna gain.
- C. Fade Margin is rarely taken into account on a long-distance RF link.
- D. Fade Margin and Jamming Margin are synonymous, interchangeable terms.

Answer: A

11. What is the most common mount type for installing a wireless LAN antenna to an outdoor mast (pole)?

- A. Suction cups with threaded posts
- B. Perforated radome enclosure
- C. Magnetic mount with bulkhead adapter
- D. U-bolt with base clamp
- E. Tilt-n-swivel universal mount with ratchet adjustment

Answer: D

12. What facts should you consider when choosing a spread spectrum technology for your wireless LAN network?

- A. An 802.11b Direct Sequence Spread Spectrum (DSSS) signal offers higher data rates and is less susceptible to narrowband interference than an 802.11 Frequency Hopping Spread Spectrum system.
- B. While 802.11g devices can use either DSSS or OFDM technology, 802.11a devices only support OFDM. Therefore 802.11g devices always use OFDM to communicate with 802.11a devices.
- C. When 802.11b devices are present in an 802.11g BSS, the use of DSSS will diminish network throughput significantly over a purely OFDM environment.
- D. An 802.11g system supporting only the data rates required by the 802.11g amendment can interoperate with 802.11b devices.
- E. 802.11g systems use OFDM technology to obtain speeds equal to 802.11a systems and to communicate with 802.11b devices.

Answer: CD

13. In 802.11a WLANs, what statements are true concerning the use of Orthogonal Frequency Division Multiplexing (OFDM)?

- A. Six (6) "pilot" sub-carriers are used as a reference to disregard frequency and phase shifts of the signal during transmission.
- B. OFDM transmissions in the lower U-NII band are limited to 40 mW.
- C. 16QAM modulation is used at the 54 Mbps data rate.
- D. The OFDM PHY is divided into two sub-layers, the LLC and PLCP.
- E. Forty-eight (48) sub-carriers are used as parallel symbol transmission paths.

Answer: BE

14. While working on a presentation document in a conference room equipped with a wireless network, you notice that, as you turn your laptop in different directions, your wireless signal strength changes. What RF signal property is primarily responsible for this change in signal strength?

- A. The RF signal's amplitude is changing due to a change in the visual line-of-sight.
- B. The RF signal's wavelength is being affected by varying antenna gain.
- C. The RF signal's multipath is changing the amount of RF absorbed by nearby objects.
- D. The RF signal's phase is oscillating due to electromagnetic interference (EMI).
- E. The RF signal's polarization is different than the receiving antenna.

Answer: E

15. According to the 802.11g amendment, how much separation is required between the center frequencies of non-overlapping ERP channels?

- A. 10 MHz
- B. 11 MHz
- C. 20 MHz
- D. 22 MHz
- E. 25 MHz
- F. 30 MHz

Answer: E

16. What factors affect the propagation distance of an RF signal?

- A. Antenna gain
- B. Receiving station sensitivity
- C. Fresnel zone blockage
- D. Power over Ethernet (PoE) usage
- E. Antenna polarization
- F. Link budget calculations

Answer: AC

17. Given: A wireless LAN transmitter that emits a 100 mW signal is connected to a cable with a 3 dB loss. If the cable is connected to an antenna with a 10 dBi gain, what is the EIRP at the antenna element?

- A. 50 mW
- B. 250 mW
- C. 500 mW
- D. 750 mW
- E. 1000 mW

Answer: C

18. What device feature is user configurable for 802.11i-compliant wireless LAN client devices?

- A. 802.1Q Tagging
- B. SNMP Community Strings
- C. TKIP Configuration Parameters
- D. RADIUS Server IP Port
- E. EAP Authentication Type

Answer: E

19. What word describes an RF signal that bounces off a smooth or coated surface and changes direction?

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

Answer: B

20. What causes an excessive Voltage Standing Wave Ratio (VSWR) in an 802.11a WLAN?

- A. Mismatched impedance between devices in series with the main RF signal
- B. Reflected DC current on the main RF signal line
- C. Scattered RF signal along the main signal path
- D. Inductance (crosstalk) between adjacent conductors

Answer: A

### **Related PW0-100 Exams**

PW0-104 *Wireless LAN Administration Exam*

PW0-100 *certified wireless network administrator(cwna)*

PW0-050 *Wireless#*

PW0-300 *Certified Wireless Network Expert*

PW0-200 *certified wireless security professional(cwsp)*

PW0-205 *certified wireless analysis professional(cwap)*

### **Other CWNP Exams**

PW0-100

PW0-205

PW0-050

PW0-300

PW0-104

PW0-070

PW0-200