

# PW0-105<sup>Q&As</sup>

Certified Wireless Network Administrator (CWNA)

## Pass EC-COUNCIL PW0-105 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.leads4pass.com/pw0-105.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by EC-COUNCIL Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



**QUESTION 1**

Given: As defined in the 802.11 specification, legacy Power Save requires an inefficient back-and-forth frame exchange process. Due to this inefficiency, many WLAN device implementations use a variation of

802.11 Power Save to accomplish the same function.

What non-standard power save behavior is used by most Wi-Fi devices in actual implementations?

- A. Client devices ignore the TIM field and automatically send PS-Poll frames after every beacon.
- B. After each beacon, the AP attempts to empty its frame buffer by sending Wake-on-WLAN frames to wake each dozing client.
- C. Request-to-Send and Clear-to-Send frame exchanges are used to trigger the delivery of buffered data.
- D. The Beacon interval is changed from the default 100 time units to 10 or less time units.
- E. Clients send null data frames to the AP and switch the power management bit from 1 to 0 to receive queued data.
- F. Stations send a CTS-to-self frame to the AP with a very long duration period so they can receive all of their buffered data at once.

Correct Answer: E

---

**QUESTION 2**

What item is essential for performing a manual RF site survey for a warehouse facility?

- A. A facility map with an explanation of applications used in each area
- B. I-Beam mounting kits for hanging temporary access points
- C. High-gain omni antennas for APs mounted high on warehouse ceilings
- D. Predictive site survey software that supports directional antennas
- E. NEMA enclosures that protect APs used for the survey

Correct Answer: A

---

**QUESTION 3**

What features were introduced in the IEEE 802.11h amendment in order to uphold regulatory requirements for 5 GHz operation? (Choose two)

- A. Automated Radio Measurement (ARM)
- B. Distributed Coordination Function (DCF)
- C. Frequency Shift Keying (FSK)

- D. Transmit Power Control (TPC)
- E. Radio Resource Management (RRM)
- F. Dynamic Frequency Selection (DFS)

Correct Answer: DF

---

#### QUESTION 4

If an 802.11 RF transmission reaches a receiving antenna simultaneously by direct and indirect (reflected) paths, what effect will the reflected signal have on the signal that took the direct line-of-sight path?

- A. The direct signal will only be received if the reflected signal is more than 180 degrees out of phase.
- B. The direct signal cannot be received if the indirect signal is less than 90 degrees out-of-phase.
- C. The signals will be distorted if the indirect signal arrives simultaneously at the receiver, but 90 degrees out-of-phase.
- D. If the signals are in-phase, they will combine together, cancel one another out, and create a null.

Correct Answer: C

---

#### QUESTION 5

Given:

As a consultant, you have been hired by ABC Company to implement an outdoor WLAN connection between two buildings that are 2 kilometers (1.24 miles) from each other, with no obstructions in between.

Your first required objective is to create a point-to-point link between the two buildings within the local regulatory body's 800 mW EIRP maximum.

Your second required objective is to provide an industry-standard security solution capable of supporting mutual authentication.

As an optional objective, you must minimize the amount of interference from, and to, nearby WLAN networks.

You install an OFDM wireless bridge at each building, configuring one in root mode and the other in non-root mode. You set each radio for 100 mW (20 dBm) and attach 9 dBi omni-directional antennas to both. You configure the network for WPA2-Enterprise with PEAPv0/EAP-MSCHAPv2 authentication.

Which statement is true about the solution you chose to deploy?

- A. Your solution meets both required objectives and the optional objective.
- B. Your solution meets the first required objective and the optional objective, but not the second objective.
- C. Your solution meets the second required objective and the optional objective, but not the first required objective.
- D. Your solution meets neither required objective but meets the optional objective.

- E. Your solution meets both required objectives, but does not meet the optional objective.
- F. Your solution does not meet either required objective, or the optional objective.

Correct Answer: E

---

**QUESTION 6**

What problems may exist for a multiple channel architecture (MCA) WLAN when its APs are all operating at full power (typically 100mW)? (Choose two)

- A. Wi-Fi enabled voice handsets with low transmit power can experience asynchronous downlink and uplink performance.
- B. WLAN client stations can experience the hidden node problem when located near each other within the same cell.
- C. The mismatched power between WLAN client stations and APs violates regulatory and IEEE signal quality requirements.
- D. Cell size may be too large, causing co-channel interference to adjacent cells and reducing system capacity.
- E. APs operating in the 2.4 GHz band would prevent microwave ovens and analog video cameras from functioning.

Correct Answer: AD

---

**QUESTION 7**

In an 802.11n WLAN with a heterogeneous set of associated client devices including 802.11b, 11g, and 11n, what HT protection mode will the BSS use?

- A. Mode 0: No protection mode (Greenfield)
- B. Mode 1: Nonmember protection mode
- C. Mode 2: 20 MHz protection mode
- D. Mode 3: Non-HT mixed mode

Correct Answer: D

---

**QUESTION 8**

Why is it recommended for a wireless network administrator to disable 1 Mbps and 2 Mbps data rates on the WLAN infrastructure? (Choose two)

- A. To improve capacity in the BSS
- B. To reduce the size of the AP's effective service area
- C. To prevent 802.11b devices from associating

- D. To maximize the range of the highest data rates
- E. To prevent VoWiFi multicast frames
- F. To enable support for long preambles

Correct Answer: AB

---

**QUESTION 9**

In an infrastructure Basic Service Set (BSS), how does the passive scanning process occur?

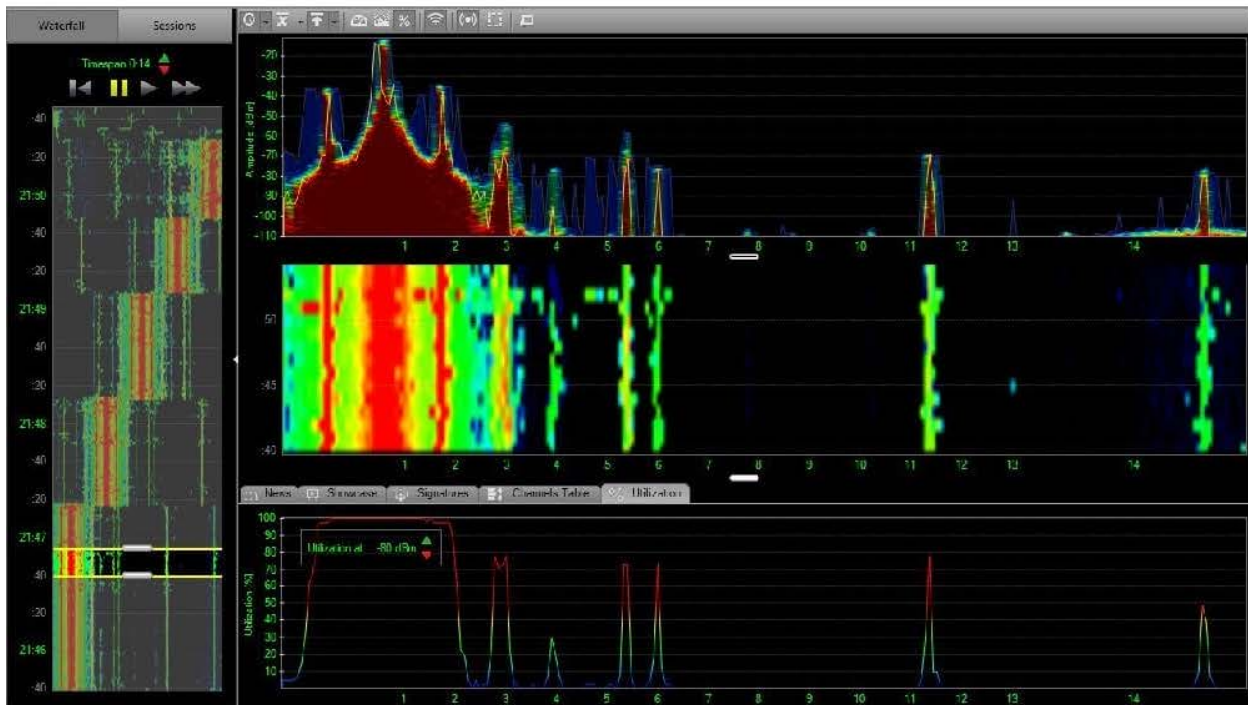
- A. Access points broadcast Beacons on all channels of each radio within the regulatory domain. Nearby client stations record information found in the Beacons for use in the association process.
- B. Client stations broadcast Probe Request frames on all supported channels in the regulatory domain. Nearby access points respond with Probe Response frames. Client stations record information in the Probe Response frames for use in the association process.
- C. Client stations broadcast Probe Request frames on the single channel for which they are programmed. Nearby access points respond on that channel with Probe Response frames. Client stations record information found in the Probe Response frames for use in the association process.
- D. Access points broadcast Beacons on a single channel for which it is programmed. Nearby client stations listen for Beacon frames and record information found in the Beacons for use in the association process.

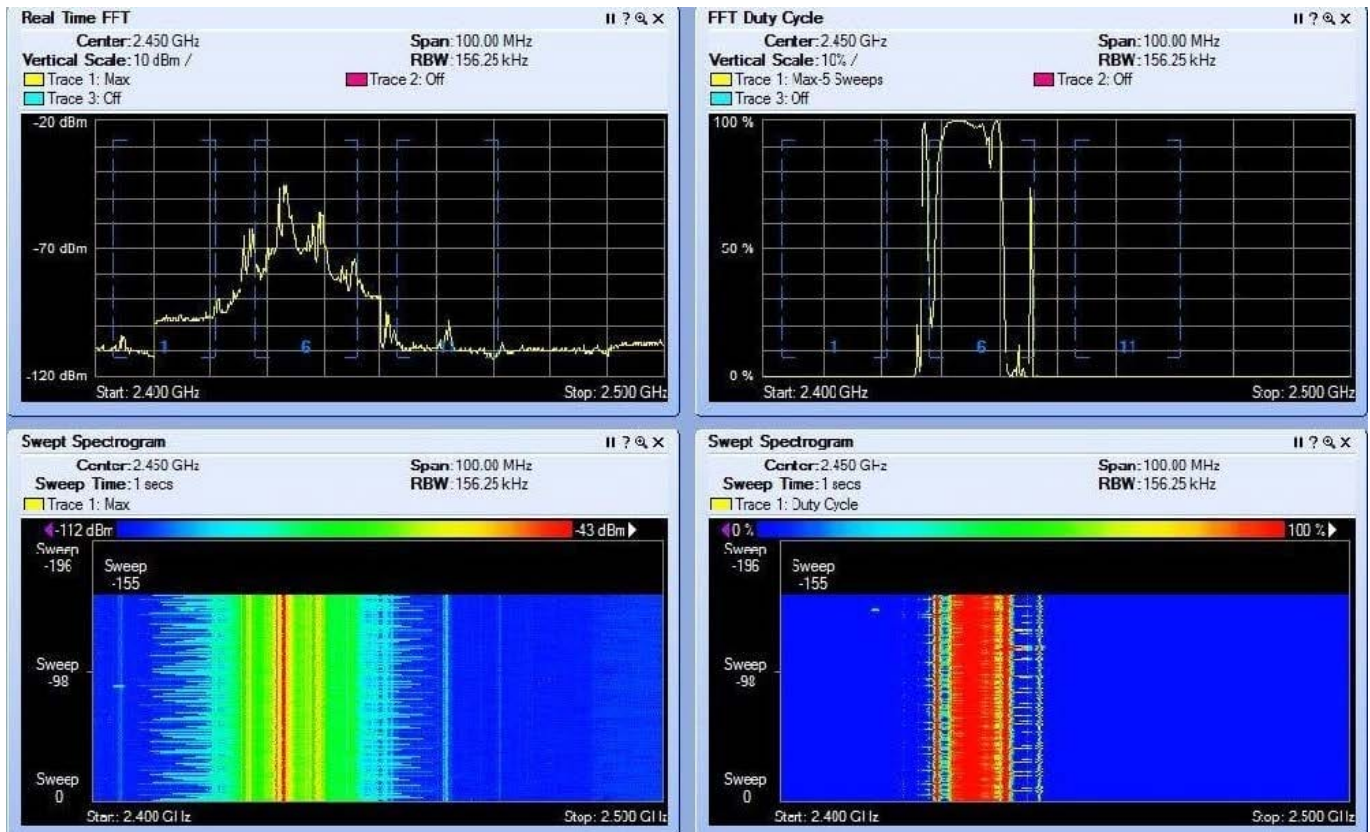
Correct Answer: D

---

**QUESTION 10**

What type of RF transmitter is shown in both of the spectrum analysis exhibits?





- A. Military radar
- B. Bluetooth mouse
- C. Microwave oven
- D. Wireless video camera
- E. WIPS sensor

Correct Answer: D

**QUESTION 11**

Given:

An 802.11 WLAN transmitter that emits a 50 mW signal is connected to a cable with 3 dB loss. The cable is connected to an antenna with 16 dBi gain.

What is the EIRP power output?

- A. 17 dBm
- B. 20 dBm
- C. 23 dBm

D. 27 dBm

E. 30 dBm

Correct Answer: E

---

## QUESTION 12

Which unit of measurement is a relative unit that is used to quantify power level changes?

A. dBm

B. dBW

C. dB

D. mW

E. VSWR

Correct Answer: C

---

## QUESTION 13

What phrase correctly completes the following sentence?

When using WMM Power Save operation, a wireless client device \_\_\_\_\_.

A. Alternates between awake and dozing, depending on its need to transmit and receive information

B. Enters a low-power radio state until it receives a WMM PS-Poll frame from the AP

C. Experiences higher throughput and lower latency than when operating in Active mode

D. Powers down a subset of MIMO radio chains and transmits information at a slower data rate

E. Buffers frames destined to the low-power AP until the AP wakes its radio and begins beaconing again

Correct Answer: A

---

## QUESTION 14

What statement best describes the manual RF site survey report?

A. It is a series of notes taken during the interview with the network manager and given to the site survey project manager.

B. It is a one-page network inspection summary used to create a certificate of network compliance.

C. It contains the results from the RF coverage, capacity, and interference analysis.



D. It is an internal document used by the site surveying firm for network deployment, and is not usually shown to the client.

E. It states the customer requirements, business justification, and a detailed budget for the WLAN.

Correct Answer: C

---

## QUESTION 15

Given: Joe runs a small hotel, and as a value added service for his customers he has implemented a Wi-Fi hot-spot. Joe has read news articles about how hackers wait at hot-spots trying to take advantage of unsuspecting users. Joe wants to avoid this problem at his hotel.

What is an efficient and practical step that Joe can take to decrease the likelihood of active attacks on his customers' wireless computers?

A. Implement Network Access Control (NAC) and require antivirus and firewall software along with OS patches

B. Require EAP-FAST authentication and provide customers with a username/password on their receipt

C. Implement an SSL VPN in the WLAN controller that initiates after HTTPS login

D. Enable station-to-station traffic blocking by the access points in the hotel

Correct Answer: D

[PW0-105 VCE Dumps](#)

[PW0-105 Practice Test](#)

[PW0-105 Braindumps](#)