

CWNP

Exam PW0-071

Certified Wireless Technology Specialist - Sales

Version: 6.0

[Total Questions: 70]

Topic break down

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Topic 1, Wi-Fi Technology, Standards, and Certifications**Question No : 1 - (Topic 1)**

When implementing a wireless LAN, what is the area covered by an AP and usable by a client station called?

- A. Basic Service Area
- B. Independent Basic Service Set
- C. Infrastructure Basic Service Set
- D. Service Set Identifier
- E. Basic Service Set Identifier

Answer: A

Question No : 2 - (Topic 1)

Manufacturers design hardware used for wireless LANs based on a common set of criteria or rules known as standards. The name of the organization responsible for creating 802.11 WLAN standards is what?

- A. IEEE
- B. Wi-Fi Alliance
- C. IETF
- D. WiMAX Forum
- E. ITU

Answer: A

Question No : 3 - (Topic 1)

Select the statement that correctly describes the Wi-Fi Alliance's primary role in the WLAN industry.

- A. The Wi-Fi Alliance is a WLAN industry analyst firm that reports market trends and developments.
- B. The Wi-Fi Alliance ensures interoperability of band selection and power settings across regulatory domains.
- C. The Wi-Fi Alliance creates compliance standards around which vendors can develop products.

- D. The Wi-Fi Alliance creates recommended practices by which the IEEE can test and certify product interoperability.
- E. The Wi-Fi Alliance tests and certifies product interoperability based upon standards created by the IEEE.

Answer: E

Question No : 4 - (Topic 1)

What wireless network access technology is used to cover a city with 802.11 or another wireless networking technology?

- A. WPAN
- B. WMAN
- C. WWAN
- D. WLAN

Answer: B

Question No : 5 - (Topic 1)

Given: Your branch office AP is configured with WPA2-Personal, and you have decided that CWTS4me is a good passphrase. You have also configured your laptop with the same passphrase, which is used by the access point to validate the laptop's identity when it attempts to connect to the WLAN.

What is this process of identity validation called?

- A. Affiliation
- B. Association
- C. Authentication
- D. Activation
- E. Accounting

Answer: C

Question No : 6 - (Topic 1)

You are hired by ABC Company to recommend an appropriate solution for their wireless network. They would like to operate in the 2.4 GHz ISM frequency band and will require data throughput in excess of 10 Mbps. To meet that need, you recommend equipment compliant with the _____ or _____ amendments to the 802.11 standard. (Choose 2)

- A. 802.11a
- B. 802.11b
- C. 802.11i
- D. 802.11g
- E. 802.11n

Answer: D,E

Question No : 7 - (Topic 1)

Exhibit:

Wi-Fi® Interoperability Certificate **Certification ID: WFA6940**

abg WiFi CERTIFIED DRAFT

This certificate indicates the capabilities and features that successfully completed interoperability testing by the Wi-Fi Alliance. You may find detailed descriptions of these features at www.wi-fi.org/certification_programs.php.

Certificate Date: December 09, 2008
Category: Enterprise Access Point, Switch/Controller or Router
Company: Aerohive Networks
Product: HiveAP320
Model/SKU #: 320/

This product has the following Wi-Fi Certifications:

IEEE Standard	Security	Multimedia
IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n draft 2.0	WPA™ - Enterprise, Personal WPA2™ - Enterprise, Personal EAP Type(s) EAP-TLS EAP-TTLS/MSCHAPv2 PEAPv0/EAP-MSCHAPv2 PEAPv1/EAP-GTC EAP-SIM	WMM®

The Wi-Fi Multimedia (WMM) certification, which is illustrated in the exhibit, pertains to which topic?

- A. Fast BSS Transition
- B. Radio Resource Measurement
- C. Quality of Service
- D. Mesh Networking
- E. Dynamic Frequency Selection
- F. Security Enhancements

Answer: C

Question No : 8 - (Topic 1)

The two most common modes of WLAN discovery are passive scanning, where a client station listens for _____ frames, and active scanning, where a client sends and receives _____ frames.

- A. Data ; Null
- B. SSID ; Management
- C. Beacon ; Probe
- D. Probe Response ; Broadcast
- E. Discovery ; Control

Answer: C

Question No : 9 - (Topic 1)

What is a difference between an Infrastructure Basic Service Set (BSS) network and an Ad Hoc network?

- A. In an Ad Hoc network, only one WLAN controller is used. A BSS allows multiple WLAN controllers to be connected together to form a mobility domain.
- B. An Ad Hoc network allows only legacy security options such as WEP. A BSS allows the creation of a robust security network (RSN) using security methods such as WPA2-Personal.
- C. A BSS is recommended for enterprise WLANs, while Ad Hoc deployments are recommended for small and medium businesses.
- D. In a BSS, an access point is used for connectivity to the wired network infrastructure. In an Ad Hoc network, client stations communicate directly with each other.

Answer: D

Question No : 10 - (Topic 1)

Given: Several users are required to transfer files among themselves in a conference room. No APs are available for connections to the network infrastructure. All users have laptops with 802.11 wireless adapters installed and operational.