

**Cisco 646-588**

**646-588 Advanced Wireless LAN for Account  
Managers  
Practice Test  
Version 2.2**

**QUESTION NO: 1**

Which security protocol is both an inherently flawed, one-way, device-centric form of authentication and a 40-bit encryption key?

- A. Secure Socket Layer
- B. Hypertext Transfer Protocol over Secure Socket Layer
- C. Secure Shell Protocol
- D. Wired Equivalent Privacy

**Answer: D**

**QUESTION NO: 2**

When building an IT case for Company.com, you must address security in addition to which three other customer needs? (Choose three.)

- A. Cost-effective network
- B. Easy installation
- C. Flexibility
- D. Increased productivity
- E. Interoperability
- F. Scalability

**Answer: B,C,E**

**QUESTION NO: 3**

What is the best description of the Cisco Unified Wireless Network?

- A. It enables public sector agencies to deploy a secure, scalable, broadband network that integrates wired and wireless IP infrastructures, delivering network intelligence and applications for mobile users across a city.
- B. It is a powerful solution for enterprises that want to combine the best elements of wireless and wired networking to deliver scalable, manageable, and secure wireless LANs with a low total cost of ownership.
- C. It uses a single network infrastructure for the transmission of data, voice, and video traffic, delivering the business benefits of a converged, wireless network to enterprise-level organizations.
- D. It is the only unified wired and wireless solution for service providers in the industry. It is cost-effective and addresses the WLAN security, deployment, management, and control issues facing service providers today.

**Answer: B**

**QUESTION NO: 4**

What are the three best responses to a director of a healthcare facility whose primary concern is mitigating risks, such as medical record errors, malpractice suits, and poor bedside care? (Choose three.)

- A. A Cisco WLAN enables real-time tracking of important equipment, supplies, and key personnel.
- B. A Cisco WLAN minimizes the risk of errors by automating tracking of medications, supplies, and personnel.
- C. A Cisco WLAN can extend to each patient room, allowing tracking of patient information at the bedside at all times.
- D. A Cisco WLAN enables patient medication to be tracked at the bedside, which minimizes the risk of errors in dosage or identification.
- E. A Cisco WLAN can be used to monitor vital signs in each patient room. This would reduce the cost and time of manual tracking.
- F. A Cisco WLAN can ensure secure intrusion protection throughout the hospital campus.

**Answer: B,C,D**

**QUESTION NO: 5**

Which Cisco technology can be used to create a detailed wireless LAN design, including access point placement, configuration, and performance estimates?

- A. Cisco Network Admission Control Appliance
- B. Cisco wireless location appliance
- C. Cisco wireless LAN controller
- D. Cisco Wireless Control System

**Answer: D**

**QUESTION NO: 6**

What are three capabilities of a wireless LAN? (Choose three.)

- A. Provides wireline equivalent security
- B. Makes cabling obsolete
- C. Interacts with wired LAN systems that are already in place

- D. Communicates with repeater access points
- E. Requires little to no centralized management
- F. Boosts productivity by up to 10 percent

**Answer: A,C,D**

#### **QUESTION NO: 7**

Cisco offers a variety of options for installing or improving network security on the WLAN. Which two recommendations should be made to a customer who wants a Cisco WLAN security solution? (Choose two.)

- A. Enable Wi-Fi Protected Access functionality for encryption
- B. Enable Triple Data Encryption Standard functionality for encryption
- C. Deploy 802.1x for 802.11 standards for authentication
- D. Deploy a Service Set Identifier for authentication
- E. Deploy a Wireless Equivalent Privacy for authentication

**Answer: A,C**

#### **QUESTION NO: 8**

Which two vertical segments actively use the adoption of 802.11 technology as a competitive differentiator? (Choose two.)

- A. Education uses the adoption of 802.11 technology to attract more students. Wireless networking creates a competitive advantage over schools and colleges that cannot provide access anytime, anywhere.
- B. Government uses the adoption of 802.11 technology to attract more residents to individual localities. Wireless networking creates a competitive advantage over municipalities that cannot provide access anytime, anywhere.
- C. Healthcare uses the adoption of 802.11 technology to attract more patients. Wireless networking creates a competitive advantage over hospitals that cannot provide ready access to patient data.
- D. Hospitality uses the adoption of 802.11 technology to attract more guests. A wireless network attracts tradeshow exhibitors and conference coordinators, and it increases customer loyalty for hospitality and hotel establishments.
- E. Retail uses the adoption of 802.11 technology to attract more customers. Wireless networking creates a competitive advantage over stores that cannot provide accuracy of inventory and pricing

**Answer: A,D**

**QUESTION NO: 9**

Which method was devised to mitigate the 802.11 security issues and requires the next generation Advanced Encryption Standard?

- A. Temporal Key Integrity Protocol
- B. Wired Equivalent Privacy
- C. Extensible Authentication Protocol
- D. Wi-Fi Protected Access 2

**Answer: D**

**QUESTION NO: 10**

Which three facts can be used to correctly describe the proven customer track record of Cisco Systems? (Choose three.)

- A. Cisco has more than 70,000 Cisco wireless LAN customers worldwide.
- B. Cisco has deployed more than 2.1 million Cisco access points worldwide.
- C. Cisco has deployed the second-largest wireless network, with 5,000 dual-band access points.
- D. Cisco has been ranked as one of the top global providers of wireless LAN solutions by InformationWeek 500.
- E. Cisco has received two IEEE Corporate Innovation Recognition awards.
- F. Cisco has developed products that are used by 95 percent of Fortune 500 companies.

**Answer: A,B,F**

**QUESTION NO: 11**

When implementing a WLAN for healthcare markets, which three benefits will increase the return on investment? (Choose three.)

- A. Wireless connectivity improves the speed of patient check-in and check-out.
- B. Bandwidth and QoS are primary considerations for healthcare markets.
- C. Secure Cisco WLANs allow staff to access medical records while roaming throughout the campus.
- D. Wireless LANs can provide rogue detection and containment.
- E. WLAN controllers provide secure connectivity to ensure the integrity of patient medical records.

F. Wireless LANs can reduce the cost and increase the quality of patient bedside care.

**Answer: A,C,F**

**QUESTION NO: 12**

Which three benefits impact manufacturers that are adopting Cisco WLAN solutions?  
(Choose three.)

- A. Safer workplace conditions
- B. Networked supply-chain management
- C. Less paperwork
- D. Increased network security
- E. Minimal operational downtime
- F. Mobility with wireless laptop carts

**Answer: B,C,E**

**QUESTION NO: 13**

What is an accurate description of a Cisco Wireless Control System?

- A. Provides an enterprise-ready, standards-based, WLAN security solution that gives network administrators confidence that their data will remain private and secure
- B. Handles real-time 802.11 radio functions within a Cisco centralized wireless LAN system, including radio transmit and receive, client probe requests, and air monitoring
- C. Provides a powerful foundation upon which IT managers can design, control, and monitor Cisco wireless networks from a centralized location, simplifying operations and reducing TCO
- D. Communicates with Cisco 1000 Series lightweight access points over any Layer 2 (Ethernet) or Layer 3 (IP) infrastructure using LWAPP

**Answer: C**

**QUESTION NO: 14**

Which type of communication technology is used in Cisco wireless LAN solutions?

- A. Infrared
- B. Narrowband
- C. Spread spectrum
- D. Personal communication services

E. Circuit and packet data

**Answer: C**

**QUESTION NO: 15**

Which value proposition best addresses the needs of an IT director at a university who is concerned that the institution is spending considerable amounts of money to connect buildings on the campus?

- A. Cisco WLANs can automate search and inventory mechanisms.
- B. Cisco WLANs offer an open infrastructure to provide flexibility, thereby enabling a network to grow with demand.
- C. Cisco WLANs automate often-repeated transactions and consolidate data analysis and storage.
- D. Cisco WLANs provide a cost-effective alternative to leased-line connectivity.

**Answer: D**

**QUESTION NO: 16**

When using IEEE 802.11a and 802.11b WLAN technology, which development will result?

- A. The size of the horizontal WLAN market will grow.
- B. The vertical WLAN market will decrease in size.
- C. The vertical WLAN market will eclipse the horizontal market.
- D. WLAN sales in the vertical and horizontal markets will level out.

**Answer: A**

**QUESTION NO: 17**

What differentiates Cisco wireless LAN building-to-building products from the competition?

- A. Standard cell coverage
- B. Plastic access points
- C. WI-Fi certification
- D. Decreased throughput

**Answer: C**

**QUESTION NO: 18**

Which technology is a centralized, systems-level application for managing and controlling an entire Cisco WLAN infrastructure?

- A. CiscoWorks WLSE
- B. Wireless Domain Services
- C. Cisco Secure AccessControl Server
- D. Cisco Security Monitoring, Analysis and Response System

**Answer: A**

**QUESTION NO: 19**

A large brokerage firm named Company.com is in need of acquiring a more cost-effective network. When positioning the ROI case to a high-level executive who is directly responsible for the financial success of Company, you should emphasize which aspect of Cisco WLAN solutions?

- A. Cisco standards-based products are proven to be interoperable with other vendor solutions.
- B. Cisco WLAN solutions enable customers to quickly reconfigure workspaces to accommodate growth or changing needs.
- C. Cisco WLAN solutions provide flexible, consistent connectivity; provide superior security and performance; ensure ease of installation; and increase productivity by enabling employees to be mobile.
- D. Cisco WLAN solutions do not require licensing fees, rental fees, or ongoing fees for using Cisco bridges or laying cables.

**Answer: D**

**QUESTION NO: 20**

Which device would be ideal for a municipal mesh network?

- A. Cisco 1130AG Series
- B. Cisco 1300 Series
- C. Cisco 1400 Series
- D. Cisco 1500 Series