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Exam Code: 646-102
Wireless LAN for Account Managers
Exam (WLANAM)

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QUESTION 1

What will you need to overcome a situation where extended wireless cell coverage is needed, but access to the backbone is either, lacking, impractical or unavailable? (Choose all that apply.)

- A. 50% cell overlap
- B. Workgroup bridge
- C. 10-15% cell overlap
- D. Wireless repeater
- E. Line of sight to AP or wireless bridge
- F. None of the above.

Answer: A, D

QUESTION 2

Which of the following are reasons to use Cisco WLAN in the business environment? (Choose all that apply.)

- A. The need to increase productivity by increasing the number of work stations.
- B. The need to move networked work resources frequently.
- C. The need to increase the number of network users.
- D. The need to increase productivity with employee mobility.
- E. The need to use older building, leased space, or temporary sites with wiring issues.
- F. All of the above.

Answer: B, D, E

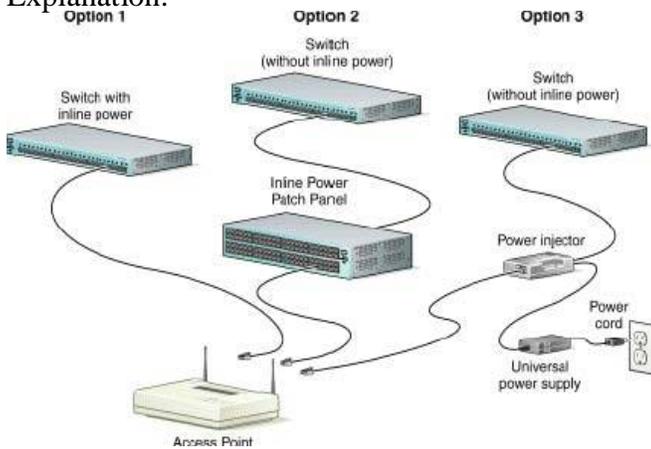
QUESTION 3

Which of the following can be used as available sources of inline power for the Access Point (AP)? (Choose three.)

- A. Cisco Catalyst 3550 switch
- B. Inline power injector
- C. Standard power cable
- D. 7500 series routers
- E. Inline power patch panel
- F. Optic cables
- G. None of the above.

Answer: A, B, E

Explanation:

**QUESTION 4**

Which of the following metrics are utilized in measuring returns on investments (ROI) when implementing Cisco WLAN solutions in a vertical industry background? (Choose all that apply.)

- A. Higher student attendance rates at schools, when a WLAN is used to provide sick students access to school resources from home.
- B. Lower litigation costs in the financial services field, when a WLAN is used to protect assets, such as customer account information, from security breaches.
- C. Higher room occupancy rates in hotels, when a WLAN is used to attract business professionals.
- D. Higher inventory turnover rates in the retail business, when a WLAN solution is used for the timeous restocking of merchandise.
- E. Higher recovery rates of patients in hospitals, when a WLAN solution is used to provide patient care at the bedside.
- F. All of the above

Answer: B, D, E

QUESTION 5

A high growth manufacturing company is extended business operations to an older building near campus. What is the best positioning statement for this sales situation?

- A. Cisco wireless bridges help companies to link operations between newer campus buildings and older warehouses and manufacturing plants.
- B. Cisco wireless bridges help companies to provide employees fast and easy access to the corporate LAN from older buildings around the campus.
- C. Cisco wireless bridges help companies leverage the availability of older buildings near campus, eliminating the need to search for newer buildings further away.
- D. Cisco wireless bridges enable companies to extend the high-speed campus network to older buildings near the campus, while minimizing the high cost of connectivity to those old buildings.

Answer: D

QUESTION 6

For educational institutions, what are two significant benefits of using WLAN technology? (Choose two)

- A. Mobility for "classroom-on-a-cart".
- B. Easy Internet access within the facility.
- C. Low-cost network connection for temporary classrooms.
- D. Low-cost leased line connections between school buildings.

Answer: A, C

QUESTION 7

What are three benefits of using Cisco Aironet Workgroup Bridge (WGB)? (Choose three)

- A. Provides driver-free device access.
- B. Supports in-line power over the Ethernet.
- C. Provides easy network access for up to eight devices.
- D. Provides load balancing for optimum WLAN performance.
- E. Allows quick redeployment of equipment when expanding or moving.

Answer: A, B, C

QUESTION 8

What is the functionality of a Networks in Motion architecture?

- A. Allows vehicles to wirelessly roam while in a WAN.
- B. Allows employees to be mobile at home and in the office.
- C. Allows for automated repair of laptops and other hardware.
- D. Allows employees to wirelessly roam from floor to floor inside a building.

Answer: A

QUESTION 9

In a Metropolitan Area Network design the backbone wireless equipment being used is_____.

- A. APs
- B. Wireless bridges
- C. Inline power switches
- D. Cisco Aironet Client Adapters

Answer: B

QUESTION 10

Two LANS are connected using a Cisco point-to-point wireless bridge utilizing dish antennas with good line of sights.

What is the Cisco recommended theoretical maximum distance between sites?

- A. 2 miles
- B. 5 miles
- C. 15 miles
- D. 25 miles
- E. 40 miles

Answer: D

QUESTION 11

What are three available sources of inline power for the Access Point (AP)? (Choose three)

- A. 7500 series routers
- B. Inline power injector
- C. Standard power cable
- D. Inline power patch panel
- E. Cisco Catalyst 3550 switch

Answer: A, B, C

Note: Uncertainty

QUESTION 12

For hospitals, what are two significant benefits of using WLAN technology? (Choose two)

- A. More flexible, mobile patient monitoring
- B. Slower, but more accurate electronic procedures
- C. Quicker, more convenient access to research data
- D. Less cluttered, more available laboratory floor space

Answer: A, C

QUESTION 13

What are four benefits of using Cisco Aironet Workgroup Bridge (WGB)? (Choose four)

- A. Free drivers are provided for device access.
- B. It can be used in a non-Cisco 802.11b WLAN infrastructure.
- C. It eliminates cable installation costs and lowers facilities costs.
- D. Equipment can be easily moved as workgroups change in number or location.
- E. If attached to a hub, it can provide up to 8 MAC addresses to support access from wired devices.
- F. It supports remote workgroups at greater distances with a clear line of sight to a wireless bridge by using an optional long-range antenna.

Answer: A, B, C, D

QUESTION 14

Which statement represents a common reason for using Cisco in-building WLAN solution in the business environment?

- A. Enhancing traditional wired network performance.
- B. Wireless moving, adding, and changing user locations.
- C. Expanding to a remote location in another city.
- D. Increased user access authorization to the network.
- E. None of the above.

Answer: B

QUESTION 15

What makes a Cisco WLAN solution the preferred choice when considering its security features?

- A. It can circumvent physical barriers when transmitting.
- B. It will protect confidential or proprietary data when it is transmitted over WLAN via radio waves.
- C. It does not allow corruption of data by radio interference.
- D. It is able to recover data lost during transmission.

Answer: B

QUESTION 16

You are a network technician at Itexamworld .com. Your newly appointed Itexamworld trainee wants to know why

Cisco WLAN is preferred for communications in fast-growing organizations. What would your reply be? (Choose all that apply.)

- A. Location of computers in cases where it would have been impractical or impossible to run cables.
- B. Portable computers can roam freely within a city while maintaining network access.
- C. It is possible to access information from conference rooms, reception areas and other temporary locations in real-time.
- D. Traditional LANs can be disposed of.
- E. Temporary workgroups can be established quickly.
- F. No traversing of firewalls when accessing Internet websites.

Answer: A, C, E

QUESTION 17

What are three unique features that apply to the Cisco Aironet 1100 and 1200 Access Points (APs)? (Choose three)

- A. Dual radio support
- B. Inline power support
- C. Upgradeable to 802.11g
- D. A metal case for harsh environments
- E. 100 mW radio design for the 802.11b radio

Answer: B, C, E

QUESTION 18

Load balancing of clients between Access Points (APs) is a method to achieve optimal WLAN performance. Which two statements are true about load balancing? (Choose two)

- A. Load balancing policies are based on number of users, error rates, and signal strengths.
- B. Load balancing redistributes users among APs to deliver more balanced collision domains.
- C. Load-balancing policies are based on cell size, aggregate peak cell capacity, and radio frequency.
- D. Load balancing redistributes users among APs to deliver clients to the most compatible cell frequency.

Answer: A, B

QUESTION 19

When using VLANs on Cisco Aironet 1100 and 1200 APs, which three types of security can be enabled? (Choose three)

- A. LEAP
- B. Kerberos
- C. 128 bit WEP
- D. 256 bit WEP
- E. PEAP and WPA

Answer: A, C, E

QUESTION 20

Which three statements about the Cisco Aironet 1200 are true? (Choose three)

- A. It has a plastic case.
- B. It has a dual radios.
- C. It is upgradeable to 802.11g.
- D. It supports 802.11a/b/g technologies.
- E. It has RP-SMA connectors for 2.4 GHz antennas.

Answer: B, C, D
