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Exam : Cisco 642-586

Title : Cisco(r) Advanced Wireless LAN for System Engineers

1. Which WEP key protection method was introduced in Cisco Compatible Extensions program version 1?

- A. AES
- B. CKIP and CMIC
- C. radio management
- D. EAP-Cisco Wireless (LEAP)

Answer: B

2. The wireless advanced feature set uses which protocol for communication between the access point and the controller?

- A. WLCCP
- B. SNMP
- C. LWAPP
- D. CCKM

Answer: C

3. Which three faults are generated by radio management? (Choose three.)

- A. security misconfiguration
- B. AAA server availability
- C. interference detection
- D. friendly access point
- E. rogue access point
- F. ad-hoc networks

Answer: CEF

4. Which feature was introduced in Cisco Compatible Extensions program version 1?

- A. WMM
- B. EAP-FAST
- C. radio management
- D. EAP-Cisco Wireless (LEAP)

Answer: D

5. A wireless using core feature set products uses which protocol for radio management?

- A. CCKM
- B. LWAPP
- C. SNMP
- D. WLCCP

Answer: D

6. Which two key features are unique to the wireless advanced feature set using lightweight access points? (Choose two.)

- A. fast secure roaming
- B. rogue access point detection
- C. access point participation in RF management

D. dynamic RF control without advanced management

E. access point registration via digital certificate

Answer: DE

7. A customer is adding a new branch office with 60 access points and 120 users that requires WDS to support a wireless VoIP application on a single subnet. Additionally, the customer requires local authentication services to provide authentication capability in the event of a WAN failure. Which product will support the customer requirements?

A. Cisco 2811 Integrated Services Router

B. Cisco 2851 Integrated Services Router

C. Cisco 3845 Integrated Services Router

D. Cisco 3745 Multiservice Access Router

Answer: C

8. An integrated services router that is configured as a backup RADIUS server for wireless clients can support a maximum of how many user accounts?

A. 1 to 50

B. 400 to 500

C. 900 to 1000

D. none

Answer: C

9. A customer currently has a deployment of 66 access points on a collapsed backbone. The customer wants to add Cisco 7920 wireless IP phones without segmentation of the network. Additionally, the customer requires the phones to be able to roam while maintaining the call. To provide fast secure roaming, it is recommended that WDS be implemented on which device?

A. WLSE

B. access point

C. wireless LAN controller

D. integrated services router

Answer: D

10. The WLSE can update firmware on which two devices? (Choose two.)

A. client

B. router

C. switch

D. bridge

E. access point

Answer: DE

11. Which security feature was introduced in Cisco Compatible Extensions program version 3?

A. AES

B. CKIP and CMIC

C. radio management

D. EAP-Cisco Wireless (LEAP)

Answer: A

12. How many prior configuration versions can be archived on the WLSE?

A. two

B. four

C. six

D. eight

Answer: B

13. Which authentication mechanism was introduced in Cisco Compatible Extensions program version 2?

- A. AES
- B. CKIP and CMIC
- C. PEAP-GTC
- D. EAP-Cisco Wireless (LEAP)

Answer: C

14. Which two devices support link role flexibility? (Choose two.)

- A. Cisco Aironet 1400 Series wireless bridge
- B. Cisco Aironet 1300 Series outdoor access point/bridge
- C. Cisco Aironet 1240AG Series access point
- D. Cisco Aironet 1200 Series access point
- E. Cisco Aironet 1010 Series lightweight access point

Answer: CD

15. When determining the feasibility of a bridging solution that is capable of supporting 54 Mbps of data rate using the Cisco Aironet 1410 Wireless Bridge in a point-to-point scenario, which criterion must be met?

- A. an indoor unit mounting location within 49 feet (150 m) of the outdoor unit
- B. distance of no greater than 15 miles (24 km)
- C. distance of no greater than 12 miles (19 km)
- D. each site must be visible from the other
- E. proper channel configured on the nonroot bridge

Answer: C

16. What is the Cisco recommended limit of access points to be managed by a WLSE 1130-19 with RF management enabled?

- A. 100
- B. 800
- C. 1500
- D. 1800

Answer: D

17. Which feature was introduced in Cisco Compatible Extensions program version 2?

- A. EAP-Cisco Wireless (LEAP)
- B. radio management
- C. EAP-FAST
- D. WMM

Answer: B

18. Which three key features are unique to the Cisco wireless autonomous access points and WLSE management? (Choose three.)

- A. rogue access point detection
- B. fast secure roaming via CCKM
- C. fast secure roaming via WPA2 PKC
- D. local authentication via access point
- E. client participation in RF management
- F. access point participation in RF management

Answer: BDE

19. The wireless core feature set uses which protocol to facilitate fast secure roaming?

- A. CCKM
- B. LWAPP
- C. SNMP

D. WLCCP

Answer: A

20. Which feature was introduced in Cisco Compatible Extensions program version 3?

A. EAP-FAST

B. CKIP and CMIC

C. radio management

D. EAP-Cisco Wireless (LEAP)

Answer: A

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