

642-586 Wireless LAN

Cisco Advanced Wireless LAN for System Engineers

Practice Exam: 642-586 Exams

Exam Number/Code: 642-586

Exam Name: Advanced Wireless LAN for System Engineers

Questions and Answers: 143 Q&As

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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?

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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