

Exam : Cisco 642-587

**Title : Advanced Wireless LAN for
Field Engineers**

Version : Demo

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1. The Cisco Wireless Location Appliance can track up to how many devices?

- A. 1000
- B. 2000
- C. 2500
- D. 1500

Answer: D

2. Which of the following functions on the wireless LAN controller is used to determine whether or not a rogue access point is connected to the same Layer 2 network?

- A. rogue detector
- B. rogue containment
- C. RLDP
- D. RIDP

Answer: C

3. On a Cisco Aironet 1130 Series autonomous access point, the status indicator is blinking dark blue. What does this indicate?

- A. The access point is booting.
- B. A firmware upgrade is in progress.
- C. The internal radio has failed.
- D. An access point buffer overflow is occurring.

Answer: B

4. How many WLANs can a REAP support when actively connected to a wireless controller?

- A. 8
- B. 32
- C. 4
- D. 16

Answer: D

5. On a Cisco Aironet 1230 Series autonomous access point, the Status LED is solid red, and the Ethernet and Radio LEDs are both off. What does this indicate?

- A. A firmware upgrade is in progress.
- B. The internal radio has failed.
- C. An access point buffer overflow is occurring.
- D. The access point is booting.

Answer: A

6. A wireless controller can reside in how many mobility groups?

- A. two

- B. three
- C. four
- D. one

Answer: D

7. To implement the optional phase zero when using EAP-FAST for authentication, which of the following parameters must be set on the Cisco Secure ACS?

- A. EAP-FAST master server
- B. Allow automatic PAC provisioning
- C. client initial message
- D. authority ID info

Answer: B

8. When conducting an Assisted Site Survey, the WLSE does which of the following during the Radio Scan process?

- A. chooses the least congested channel
- B. uses the configured channel
- C. sets all access points to the same channel
- D. steps through each of the allowed channels

Answer: C

9. The wireless LAN controller maintains up to how many controller crash files?

- A. 20
- B. 5
- C. 15
- D. 10

Answer: B

10. In a network using Cisco autonomous access points running WDS, what port is used for authentication by the local authentication service on an access point?

- A. 1813
- B. 1645
- C. 1646
- D. 1812

Answer: D

11. On the WLSE, Radio Management must be enabled to use most of the features of which one of the following?

- A. Devices
- B. IDS

- C. Configure
- D. Reports

Answer: B

12. Client association using EAP-Cisco Wireless (LEAP) is failing, but EAP-PEAP is functioning on an autonomous access point. Which of the following needs to be enabled on the access point so EAP-Cisco Wireless (LEAP) is enabled?

- A. open authentication plus MAC
- B. open authentication plus EAP
- C. shared key
- D. network EAP

Answer: D

13. What is the maximum number of users that can be added to an autonomous access point that is being used as a local authenticator?

- A. 75
- B. 100
- C. 25
- D. 50

Answer: D

14. Using the WLSE, you are trying to push out a configuration job to an access point, but the job does not start. Which of the following would cause this failure?

- A. invalid parameter in the template
- B. incorrect SNMP communities on the access point
- C. unsupported version of IOS firmware in the access point
- D. pop-up blocker enabled in the browser

Answer: D

15. Which of the following are true about SSIDs configured in the ADU?

- A. SSIDs are not case sensitive.
- B. SSIDs must be listed in the same order in the ADU as they are in the access point.
- C. A maximum of three SSIDs may be configured.
- D. SSIDs may have a maximum of 16 characters.

Answer: C

16. WLSE uses SNMP communication with an Ethernet switch for what purpose?

- A. shut down rogue access points
- B. configure access points
- C. discover access points

D. inventory access points

Answer: A

17. When installing a Cisco WCS, which two ports can be changed during installation? (Choose two.)

A. HTTPS

B. TFTP

C. RMI

D. HTTP

E. FTP

Answer: A,D

18. Client exclusion policies are used to mitigate which of the following attacks?

A. dictionary

B. bit-flip and replay

C. MAC spoofing

D. man-in-the-middle

Answer: A

19. Which of the following show commands would be used on the WDS to display the access points participating in fast secure roaming?

A. router# show wlccp ap

B. router# show wlccp wds ap

C. router# show wlccp cckm

D. router# show wlccp wds cckm

Answer: B

20. On a Series 1010 lightweight access point, the alarm LED is flashing red, and all other LEDs are off. What is the lightweight access point indicating?

A. It has lost contact with controller.

B. Its IP address already exists.

C. It requires a code upgrade.

D. It is operating normally.

Answer: B

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