

642-587 Wireless LAN

Cisco Advanced Wireless LAN for Field Engineers

Practice Exam: 642-587 Exams

Exam Number/Code: 642-587

Exam Name: Advanced Wireless LAN for Field Engineers

Questions and Answers: 118 Q&As

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1. 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

2. 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

3. 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

4. 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

5. 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

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

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

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. 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

9. 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

10. 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

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

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

Answer: B

12. 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

13. 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

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

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

Answer: D

15. 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

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. 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

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

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

Answer: D

19. 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

20. 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

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