

Cisco 642-587

**CISCO 642-587 Advanced Wireless LAN for Field
Engineers (AWLANFE)
Practice Test
Version 1.1**

QUESTION NO: 1

You are configuring an RF group of controllers that coordinate Radio Resource Management calculations. What is the maximum number of WLAN controllers that you can add?

- A. 17
- B. 20
- C. 12
- D. 24

Answer: B

QUESTION NO: 2

How many WLANs can a Cisco Aironet 1242 in H-REAP mode support when actively connected to a wireless controller?

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

Answer: B

QUESTION NO: 3

A Cisco 4404 WLAN controller is being connected to a Cisco 6500 Catalyst Series Switch. How would you interconnect and configure LAG for connectivity and ensure redundancy?

- A. Ports 1 and 2 from Cisco WLC to Catalyst gigabit module slot 1 channel group 10 and Cisco WLC ports 3 and 4 to Catalyst gigabit module slot 2 channel group 10.
- B. Ports 1 and 2 from Cisco WLC to Catalyst gigabit module slot 1 channel group 20 and Cisco WLC ports 3 and 4 to Catalyst gigabit module slot 2 channel group 40.
- C. All four ports from the Cisco WLC terminated to the same Catalyst gigabit module using two channel groups.
- D. All four ports from the Cisco WLC terminated to the same Catalyst gigabit module and channel group.

Answer: A

QUESTION NO: 4

On a Cisco 1000 Series controller-based access point, the alarm LED is flashing red, but the other LEDs are off. What is this access point indicating?

- A. It is operating normally.
- B. It has lost contact with the controller.
- C. Its IP address already exists.
- D. It requires a code upgrade.

Answer: C

QUESTION NO: 5

You want to dynamically assign users to an 802.1Q VLAN as a result of their authentication. In order to accomplish this, which two IETF RADIUS attributes should you configure on the Cisco Secure ACS? (Choose two.)

- A. 066 Tunnel-Client-Endpoint
- B. 083 Tunnel-Preference
- C. 082 Tunnel-Assignment-ID
- D. 067 Tunnel-Server-Endpoint
- E. 064 Tunnel-Type
- F. 081 Tunnel-Private-Group-ID

Answer: E,F

QUESTION NO: 6

In order for a controller-based access point to be allowed to participate in aggressive load balancing, it must have heard the client within how many seconds?

- A. 5
- B. 15
- C. 10
- D. 1

Answer: A

QUESTION NO: 7

Which Cisco Aironet Series devices can be powered using 802.3af inline power?

- A. Cisco Aironet 1300 Series
- B. Cisco Aironet 1240AG Series
- C. Cisco Aironet 1400 Series
- D. Cisco Aironet 1100 Series

Answer: B

QUESTION NO: 8 DRAG DROP

Drop

Put the steps in the procedure for adding a wireless controller to the WCS in order by dragging each command on the left to the corresponding step on the right.

Select "Add Controller" pull down command	Step 1
Select GO.	Step 2
Select the "Configure Controllers" tab.	Step 3
Enter the IP address of the controller.	Step 4

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Answer:

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Select GO.	Select "Add Controller" pull down command
Select the "Configure Controllers" tab.	Select GO.
Enter the IP address of the controller.	Enter the IP address of the controller.

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QUESTION NO: 9

Which set of RF characteristics is directly monitored by CiscoWorks WLSE?

- A. noise, interference, and multipath interference
- B. interference, utilization, and RF diffraction
- C. clients, utilization, and multipath interference
- D. noise, interference, and coverage holes

Answer: D

QUESTION NO: 10

A mobility group is created by a Cisco WLCM and 4402 Series Wireless LAN Controller. A client that is anchored on the 4402 controller roams to an access point on the Cisco WLCM. You then run a debug command on the 4402 controller. Which message would best describe the establishment of the tunnel from the anchor's perspective?

- A. Received Mobile Anchor Export message
- B. Transmit Mobile Anchor Export message
- C. Received Plumbing duplex mobility tunnel message
- D. Transmit Plumbing duplex mobility tunnel message

Answer: A

QUESTION NO: 11

On a standalone access point, client association using EAP-Cisco Wireless (Cisco-LEAP) is failing, but association using EAP-PEAP is functioning. What needs to be enabled on the standalone access point to correct this issue?

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

Answer: B

QUESTION NO: 12

What is the maximum number of hexadecimal characters allowed when configuring the WPA or WPA2 passphrase in Cisco ADU?

- A. 32
- B. 16
- C. 64
- D. 128

Answer: C

QUESTION NO: 13

You are troubleshooting a problem with a Cisco 7920 wireless IP phone on a standalone WLAN. The phone rings but, when you answer, the call is dropped. What may have caused this problem?