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?