



642-746

Implementing Cisco Unified Wireless Mobility Services

Exam number/code: 642-746

Exam name: Implementing Cisco Unified Wireless Mobility Services

Questions & Answers: 90 Q&A

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Question 1:

A deployment with 4000 tags and a few clients has one controller, one Cisco MSE, and one Cisco WCS. Tags are equally distributed in two buildings. Which is the best way to disable tag tracking in one of the buildings?

Select the best response.

- A. Modify RSSI cut-off through Location Parameters
- B. Disable Location Presence for the building.
- C. Physically turn off tags in the building.
- D. Modify Tracking Parameters by forcing a limit of 2000 tags.
- E. Modify Filtering Parameters by filtering MAC addresses.

Answer: E

Question 2:

Which three environments are default location calibration models provided with Cisco WCS version 5.2? (Choose three.)

Select 3 response(s).

- A. cubed and walled offices
- B. concrete wall
- C. outdoor open space
- D. manufacturing
- E. warehouse
- F. drywall office only

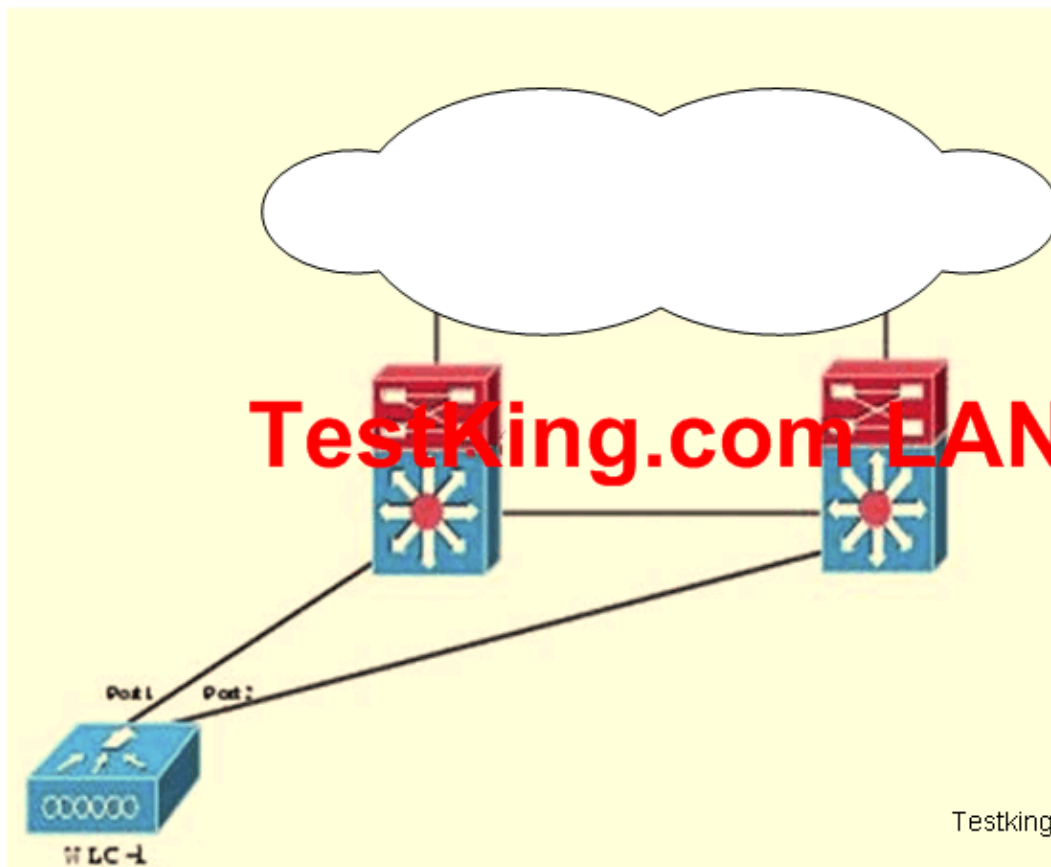
Answer: A,C,F

Question 3:

Refer to the exhibit. You have decided to use the individual ports in trunking on your Cisco 4402-50 controller. You have placed one port on each separate switch as shown and you have fully loaded 50 access points on this controller, placing 25 APs on each physical port and associated AP manager interface. During a power outage, you have lost one of these switches.

Your access layer is unaffected and all 50 access points still have power and attempt to move to the other physical port and rejoin the AP manager interface that remains up. How many access points will be able to connect to this controller?

Exhibit:



Select the best response.

- A. All 50 APs will connect.
- B. Only 25 APs will remain joined and the other APs will look for another controller.
- C. All APs will try to rejoin the controller no matter what interface goes down.
- D. Each port can only support 48 APs and therefore 2 APs will not be able to join.

Answer: D

Question 4:

Where is Ethernet bridged traffic terminated in a mesh network?
Select the best response.

- A. RAP
- B. MAP
- C. WLC
- D. WGB

Answer: A

Question 5:

The Cisco recommended best practice for RSSI-based device tracking states that the tracked devices must be reliably detected by a minimum of how many APs?
Select the best response.

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

Answer: D

Question 6:

What is the purpose of the AP Groups VLAN feature in the Cisco WLC?
Select the best response.

- A. Group APs together to enable APs to exchange seamless roaming information.
- B. Group APs together for trunking common VLANs to each AP in the group
- C. Group APs together for dynamic VLAN assignment to APs.
- D. Group APs together for VLAN-based RRM computations.
- E. Group APs together to assign users to VLANs based on where the APs are.

Answer: E

Question 7:

To debug the progress of a tag packet through a Cisco MSE, which two logging options are required in Cisco WCS? (Choose two.)
Select 2 response(s).

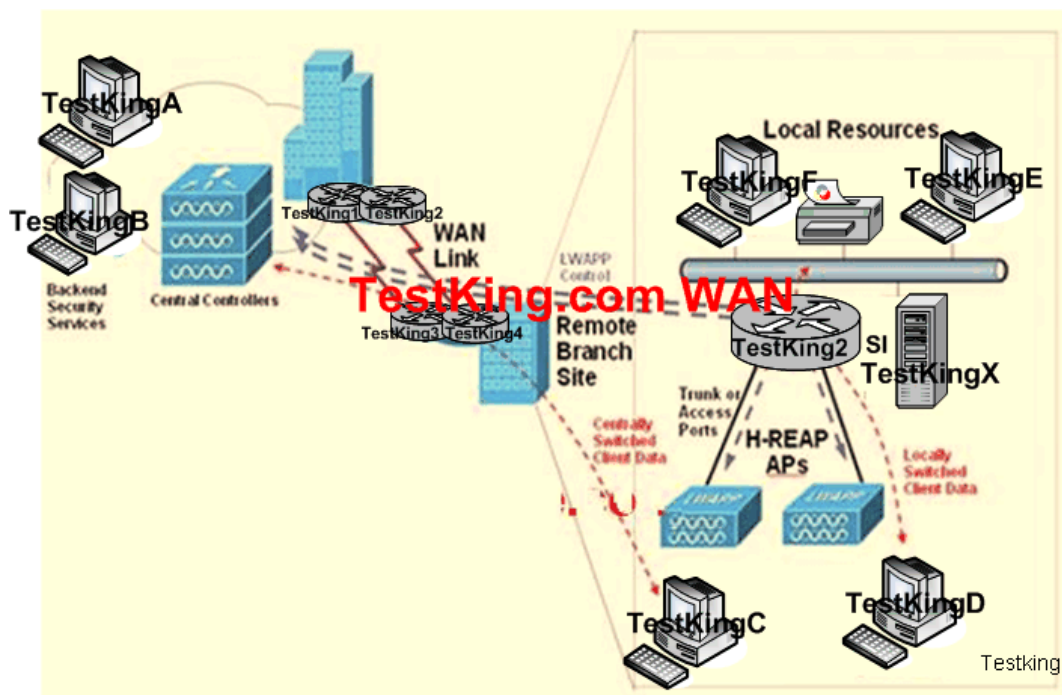
- A. Object Manager
- B. SNMP Mediation
- C. NMSF Protocol
- D. XML Mediation
- E. Asynchronous

Answer: C,E

Question 8:

Refer to the exhibit. With an AP configured in H-REAP in the branch office as shown, if the WAN link were to be lost, which three features and capabilities could still exist? (Choose three.)

Exhibit:



Select 3 response(s).

- A. Fast Secure Roaming with Cisco CKM
- B. new client authentication and reauthenticated clients
- C. Fast Secure Roaming with Cisco CKM between H-REAP groups
- D. 802.1X authentication
- E. Call Admission Control

Answer: A,B,D

Question 9:

What is the Cisco recommendation for maximum hop count and VLANs per sector in a mesh deployment? Select the best response.

- A. 4 hops, 16 VLANs
- B. 6 hops, 16 VLANs
- C. 4 hops, 10 VLANs
- D. 5 hops, 10 VLANs

Answer: A

Question 10:

How often are over-the-air neighbor messages transmitted?
Select the best response.

- A. every 180 seconds by default and can be adjusted
- B. every 60 seconds
- C. every 90 seconds
- D. every time the AP does off-channel measurement

Answer: B

Question 11:

How many clients will a Cisco WLC 4402-25 version 5.2 support?
Select the best response.

- A. 5,000
- B. 50
- C. 25
- D. 500
- E. 25,000
- F. 2,500

Answer: A

Question 12:

What is the Cisco recommended way to upgrade Cisco MSE software?
Select the best response.

- A. Upgrade file is uploaded via TFTP.
- B. Upgrade file is uploaded via FTP.
- C. Upgrade file is uploaded via SFTP.

D. Upgrade file is uploaded via Cisco WCS.

Answer: D

Question 13:

On your campus, you have a controller in each building and they are close enough that users can roam seamlessly between them. You have received several complaints that users in your main building are experiencing one-way audio problems when they walk into the central building. What is the cause of this issue? Select the best response.

- A. The client IP address is not in the routing table of the central building.
- B. A firewall is blocking controller-to-controller traffic.
- C. The main building controller is blocking RTP packets inbound.
- D. A firewall is denying packets in one direction based on the source address.

Answer: D

Question 14:

Using default AP load balancing behavior, an AP can join one of four candidate controllers: WLC-one is a Cisco WLC 4402-50 with 28 APs connected. WLC-two is a Cisco WLC 4402-25 with 10 APs connected. WLC-three is a Cisco WLC 4404-100 with 75 APs connected. WLC-four is a Cisco WLC 4402-12 with 7 APs already joined. Given this loading, and all else being equal, which controller would the next AP join? Select the best response.

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

Answer: C

Question 15:

Which AP combinations can support MAP or RAP roles in a mesh network using version 5.2? Select the best response.

- A. AP1252, AP1510, AP1522, AP1524
- B. AP1131, AP1522, AP1242, AP1524
- C. AP1252, AP 1522, AP1524, AP1242
- D. AP1232, AP1522, AP1524, AP1242

Answer: B

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