



**Vendor:** Cisco

**Exam Code:** 350-050

**Exam Name:** CCIE Wireless Written Exam, v2.0

**Version:** DEMO

### QUESTION 1

You are implementing a WLC at a remote site and want to make sure that you are able to sync up with the Cisco WCS at the central site. Which two statements about this process are true? (Choose two.)

- A. If the WLC is behind a firewall, you must make sure that UDP ports 161 and 162 are open.
- B. The Cisco WCS server does not need direct IP connectivity to the WLC.
- C. Cisco WCS will not be able to communicate with the WLC if the WLC is behind a NAT device.
- D. If the WLC is behind a NAT device, the WLC's dynamic AP-manager interface must be configured with the external NAT IP address.

**Answer:** AC

**Explanation:**

<http://www.cisco.com/c/en/us/support/docs/wireless/wireless-control-system/72782-Troubleshoot-WCS-FAQ.html>

### QUESTION 2

Which two options are valid mobility roles in which a controller can operate in during a client mobility session? (Choose two.)

- A. local
- B. auto anchor
- C. export anchor
- D. mobility announcer

**Answer:** AC

**Explanation:**

<http://what-when-how.com/deploying-and-troubleshooting-cisco-wireless-lan-controllers/mobility-messaging-cisco-wireless-lan-controllers-part-1/>

### QUESTION 3

Refer to the exhibit. Which WLAN IDs will be advertised by an out-of-the-box AP that joins the WLC for the first time?

```
(Cisco Controller) >show wlan summary
```

Number of WLANs .....7			
WLAN ID	WLAN Profile Name / SSID	Status	Interface Name
-----	-----	-----	-----
5	Hidden / Hidden	Enabled	Vlan5
8	Guest / Guest	Enabled	Vlan8
12	Contractors/Contractors	Disabled	Vlan12
15	IT / IT	Enabled	Vlan15
17	Finance / Finance	Enabled	Vlan17
512	Marketing / Marketing	Enabled	Vlan512

- A. 5,8,12,15
- B. 5,8,15
- C. 8,15
- D. 17,512
- E. 8,15,17,512

F. 5,8,15,17,512

**Answer:** F

#### QUESTION 4

Which statement about ACLs used on a Cisco WLC is true?

- A. A WLAN ACL will override an interface access-list.
- B. An interface ACL will override a WLAN ACL.
- C. A WLAN ACL will get applied first followed by an interface ACL.
- D. An interface ACL will get applied first followed by a WLAN ACL.

**Answer:** A

**Explanation:**

<http://mrncciew.com/2013/03/15/wlc-access-control-list-acl/>

#### QUESTION 5

You are conducting a site survey for a customer that is about to deploy Cisco wireless phones. Which three recommendations apply? (Choose three.)

- A. Minimum SNR should be 15 dB.
- B. The minimum recommended wireless signal strength for voice applications is -71 dBm.
- C. Minimum SNR should be 25 dB.
- D. Wireless cell overlap should be 20 percent.
- E. Minimum SNR should be 35 dB.
- F. The minimum recommended wireless signal strength for voice applications is -57 dBm.
- G. Wireless cell overlap should be 10 percent.
- H. The minimum recommended wireless signal strength for voice applications is -67 dBm.

**Answer:** ADF

#### QUESTION 6

Drag and Drop Question

Drag and drop the rogue detection "technique" on the left to the appropriate description on the right.

RLDP	The AP scans all configured channels every 12 seconds. Only deauthentication packets are sent in the air with an AP configured this way. The AP can detect rogues, but it cannot connect to a suspicious rogue as a client
Rogue Detector	An active AP moves to the rogue channel and connects to the rogue as a client. The process of trying to validate that there is a network attached rogue could be service interrupting depending on your AP layout
Monitor Mode	The AP radio is turned off, and the AP listens to wired traffic only. The AP listens for ARP packets in order to determine the layer 2 addresses of identified rogue clients or rogue AP's sent by the controller.

**Answer:**

	Monitor Mode
	Rogue Detector
	RLDP

**QUESTION 7**

Why would you enable the RFC 3578 option when adding a new RADIUS authentication server to a WLC?

- A. you want to run both RADIUS and TACACS
- B. to support Disconnect and Change of Authorization
- C. to encrypt communications between the WLC and the RADIUS server
- D. to support RADIUS key wrapping

**Answer: B**

**Explanation:**

If you are configuring a new RADIUS authentication server, choose Enabled from the Support for RFC 3576 drop-down list to enable RFC 3576, which is an extension to the RADIUS protocol that allows dynamic changes to a user session, or choose Disabled to disable this feature. The default value is Enabled. RFC 3576 includes support for disconnecting users and changing authorizations applicable to a user session and supports disconnect and change-of-authorization (CoA) messages. Disconnect messages cause a user session to be terminated immediately where CoA messages modify session authorization attributes such as data filters.

**QUESTION 8**

Which two statements are true with regards to RRM? (Choose two.)

- A. RRM neighbor messages are sent at the lowest mandatory speed.
- B. RRM neighbor messages are sent on channel 1.
- C. RRM neighbor messages are sent at minimum power.
- D. RRM neighbor messages are sent over the air.
- E. RRM neighbor messages are sent every 120 sec by default.

**Answer: BD**

**Explanation:**

<http://www.cisco.com/c/en/us/support/docs/wireless-mobility/wireless-lan-wlan/71113-rrm-new.html>

**QUESTION 9**

A network administrator is trying to convert a Cisco Aironet 1250 Series Lightweight Access Point

back to autonomous mode using a TFTP server and AP mode button. DHCP Option 43 is configured, but the AP is not connected to the controller. Console and physical access to the AP has been established. The TFTP server is local to the PC and the directory has the original image of "c1250-k9w7-tar.124-10b.JDA3.tar," downloaded from Cisco.com. The PC is directly connected to the access point, but the conversion is failing. Which one of these statements is a possible reason for the failure?

- A. The 1250 Series AP is a lightweight-only AP and needs a WLC.
- B. The image filename is incorrect.
- C. The lightweight AP has to be joined to the WLC and then converted, using the config ap tftp- downgrade command.
- D. Telnet is not enabled on the AP or WLC.
- E. The network administrator needs to use the archive command directly on the AP for this procedure to complete.

**Answer: B**

#### QUESTION 10

Company XYZ needs to establish network connectivity to a newly acquired, adjacent building less than 1 kilometer (3280 feet) away. The project calls for implementing a wireless solution using autonomous access points in a point-to-point bridging solution using external antennas on interface dot11radio1. You need to secure the bridge link with strong EAP, DOT1x, and WPA methods, using a local RADIUS server. However, the link cannot be established and the following message is observed in the logs: "DOT1X\_SHIM-3-SUPP\_START\_FAIL: Unable to start supplicant on Dot11Radio1." What is most likely the root cause?

- A. The non-root bridge is not configured for WPA key management.
- B. There is RF interference corrupting the 802.11b/g RF signal.
- C. The non-root bridge does not have the correct authentication credentials configured.
- D. The RADIUS service on the root bridge is not started or needs to be restarted.

**Answer: C**

#### QUESTION 11

Which statement about wireless LAN security in a Cisco Unified Wireless Network VoWLAN deployment is false?

- A. EAP-FAST, if available, is the recommended EAP type for use in VoWLAN deployments.
- B. Although LEAP is considered secure for VoWLAN handsets when correctly deployed, it is recommended that a different EAP method (FAST, PEAP, TLS) is used, if available.
- C. Dynamic WEP mitigates the security weaknesses in static WEP, making it a viable option that can be relied upon to secure a VoWLAN deployment.
- D. When using EAP authentication, the EAP-Request timeout value should be adjusted based only on the advice of the VoWLAN handset vendor.
- E. When using WPA Personal, strong keys should be used to avoid a dictionary attack.

**Answer: D**

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