

**Cisco 642-631**

**642-631 (AWLANFE) Advanced Wireless LAN for Field  
Engineers (AWLANFE)  
Practice Test  
Version 3.1**

**QUESTION NO: 1**

Which service component in the wireless operate phase helps isolate and resolve an incident?

- A. Change Management
- B. Configuration Management
- C. Incident Management
- D. Acceptance Test Plan

**Answer: C**

**QUESTION NO: 2**

On a Cisco Aironet 1240AG Series standalone access point, the radio LED is dark blue and blinking,  
but the status LED and Ethernet LED are both off. What does this indicate?

- A. A firmware upgrade is in progress.
- B. An access point buffer overflow is occurring.
- C. The access point is booting.
- D. The internal radio has failed.

**Answer: A**

**QUESTION NO: 3**

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

**Answer: C,E**

**QUESTION NO: 4**

You are charged with implementing a secure wireless installation which will provide Internet access to client devices but will not allow communications between wireless clients. In addition to implementing PSPF or peer-to-peer blocking on the wireless side, which of the following actions should you perform on the wired infrastructure?

- A. Implement a Cisco Secure IPS sensor.
- B. Implement 802.1X on the switch ports.
- C. Take no action, you have achieved your goal.
- D. Implement a protected port on the access switches.

**Answer: D**

**QUESTION NO: 5**

A mobility group is created by a Cisco WLCM and 4402 Series Wireless LAN Controller. A client that is

anchored on the Cisco WLCM roams to an access point on the 4402 controller. You then run a debug command on the 4402 controller.

Which message would best describe the establishment of the tunnel from the foreign controller's perspective?

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

**Answer: D**

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

**Answer: D**

**QUESTION NO: 7**

Which command will enable DHCP debugging on a WLAN controller?

- A. debugdhcp enable
- B. debugdhcp packet enable
- C. enabledebugdhcp packet
- D. debugdhcp status enable

**Answer: B**

**QUESTION NO: 8**

Choose the service component in the optimize phase which assesses the WLAN system and drives

continuous improvements by recommending remediation measures including device configuration optimization, capacity planning, traffic analysis, security assessment, and quality issue resolution.

- A. Technology Assessment
- B. Operations Assessment
- C. Security Assessment
- D. Security Administration
- E. Change Management
- F. Operations Readiness Assessment

**Answer: A**

**QUESTION NO: 9**

In the operate phase, providing and maintaining reliable, current information about the WLAN system

hardware, software, and applications pertinent to the system's individual components and attributes is part of which service component?

- A. Problem Management
- B. Configuration Management
- C. Incident Management
- D. Change Management

**Answer: B**

**QUESTION NO: 10**

The IOS of a North American Cisco Aironet 1130AG Series standalone access point has become corrupt. You must therefore reload the TFTP firmware. Before you press and hold the MODE button, you should verify that the file name is which of the following?

- A. c1130-k9w7-tar.boot
- B. c1130-k9w7-tar.123-7.JA1.tar
- C. c1130-k9w7-tar.default
- D. c1130-k9w7-tar.recover

**Answer: C**

**QUESTION NO: 11**

Which of the following statements explains why it is normally best to have more than one controller-based access point participate in the containment of one rogue access point?

- A. Clients connected to the rogue access point must be able to connect to the containment controller-based access point.
- B. Multiple controller-based access points will load-balance the containment task using fewer resources than a single access point.
- C. Clients connected to the rogue access point may be out of the range of the controller-based access point providing containment.
- D. Each controller-based access point can handle only a limited amount of clients connected to the rogue access points.

**Answer: C**

**QUESTION NO: 12**

By default, on the WLAN controller for a voice application using Cisco 7921 wireless IP phones, what is the percentage of RF bandwidth that can be dedicated to the phones?