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**Vendor:**Cisco

**Exam Code:**200-355

**Exam Name:**Implementing Cisco Wireless Network  
Fundamentals

**Version:**Demo

### QUESTION 1

When configuring a WLC to support multiple WLANs, which type of interface must be created?

- A. dynamic
- B. ap-manager
- C. virtual
- D. management

Correct Answer: A

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### QUESTION 2

Instructions:

THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION

To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.

There is two multiple-choice question with this task. Be sure to answer the question before selecting the Next button

Scenario:

A Cisco Wireless LAN Controller has been correctly configured for AP and wireless client access. The WLC and AP have been connected using a configured CISCO iOS switch. Unexpected results are occurring for the AP association to the

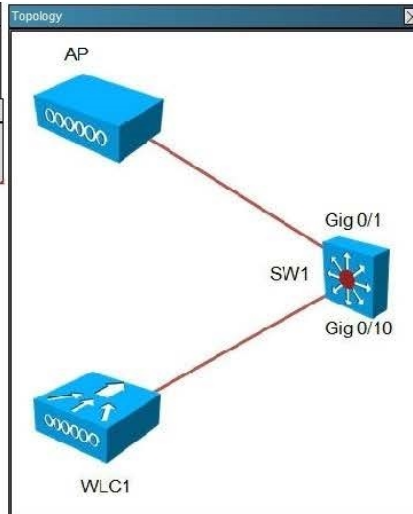
WLC. Refer to the exhibits to answer the question.

**Instructions**

- THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are two multiple-choice questions with this task. Be sure to answer both questions before selecting the Next button.

**Scenario**

A wireless LAN controller and AP are correctly configured. Verification is needed for the logging attributes while AP power adjustments are needed. Use the exhibits to resolve these issues.



WLC 802.11b/g/n AP

802.11b/g/n Cisco APs > Configure

**General**

AP Name: AP442b.036d.4d0f

Admin Status: Enable

Operational Status: UP

Slot #: 0

**11n Parameters**

11n Supported: Yes

ClientLink: ☐

**CleanAir**

CleanAir Capable: No

CleanAir Admin Status: Disable

**Antenna Parameters**

Antenna Type: Internal

Antenna: A ☒ B ☒ C ☒

**RF Channel Assignment**

Current Channel: 11

Channel Width: 20 MHz

Assignment Method: Global

*Note: Only channels 1, 6 and 11 are non-overlapping.*

**Tx Power Level Assignment**

Current Tx Power Level: 5

Assignment Method: Custom 5

**Performance Profile**

View and edit Performance Profile for this AP

[Performance Profile](#)

*Note: Changing any of the parameters causes the Radio to be temporarily disabled and thus may result in loss of connectivity for some clients.*

WLC 802.11a/n AP

802.11a/n Cisco APs > Configure

**General**

AP Name: AP442b.036d.4d0f

Admin Status: Enable

Operational Status: UP

Slot #: 1

**11n Parameters**

11n Supported: Yes

ClientLink: ☐

**CleanAir**

CleanAir Capable: No

CleanAir Admin Status: Disable

**Antenna Parameters**

Antenna Type: Internal

Antenna: A ☒ B ☒ C ☒

**RF Channel Assignment**

Current Channel: 149

Channel Width: 20 MHz

*\* Channel width can be configured only when channel configuration mode*

Assignment Method: Global

**Tx Power Level Assignment**

Current Tx Power Level: 4

Assignment Method: Custom 4

**Performance Profile**

View and edit Performance Profile for this AP

[Performance Profile](#)

*Note: Changing any of the parameters causes the Radio to be temporarily disabled and thus may result in loss of connectivity for some clients.*

Logging

MONITOR WLANs CONTROLLER WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK

### Syslog Configuration

Syslog Server IP Address

**Syslog Server**

10.10.10.25	<a href="#">Remove</a>
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Syslog Level

Syslog Facility

### Msg Log Configuration

Buffered Log Level

Console Log Level

File Info ☒

Trace Info ☒

Which four levels of messages will be sent to the logging server? (Choose four.)

- A. alerts
- B. critical
- C. debugging
- D. emergencies
- E. errors
- F. informational
- G. notifications
- H. warnings

Correct Answer: ABDE

There are a total of 8 logging severity levels. They are:

Level Number	Severity Level	Description
0	emergencies	System is unusable.
1	alert	Immediate action is needed.
2	critical	Critical conditions.
3	error	Error conditions.
4	warning	Warning conditions.
5	notification	Normal but significant conditions.
6	informational	Informational messages only.
7	debugging	Debugging messages only.

We can see from the output that the severity level was set to Critical, which means that all messages level 3 and less will be sent.

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### QUESTION 3

An engineer is conducting an active survey for indoor coverage in a warehouse. The warehouse has long aisles with racks that extend to the ceiling. Which antenna type has a radiation pattern that is suited to provide coverage in each aisle?

- A. Yagi
- B. patch
- C. omnidirectional
- D. dipole

Correct Answer: B

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### QUESTION 4

Match the interface description on the left with the appropriate interface on the right

Select and Place:

Designed to be analogous to VLANs for wireless LAN client device	AP Manager
The only port is active when the controller is in boot mode	Dynamic
This interface is the only consistently 'pingable' in-band interface IP address on the Cisco WLC.	Management
Used for Layer 3 communications between the Cisco WLC and the lightweight access points	Service Port
Used to support mobility management, DHCP relay, and guest web authentication.	Virtual

Correct Answer:

	Used for Layer 3 communications between the Cisco WLC and the lightweight access points
	Designed to be analogous to VLANs for wireless LAN client device
	Used to support mobility management, DHCP relay, and guest web authentication.
	The only port is active when the controller is in boot mode
	This interface is the only consistently 'pingable' in-band interface IP address on the Cisco WLC.

## QUESTION 5

Which element is defined as RF energy that reduces the SNR on an 802.11 environment?

- A. spectrum analyzer
- B. noise
- C. CCA
- D. interference

Correct Answer: B

### QUESTION 6

You are configuring authentication on a wireless network and wireless controller. In which menu do you configure authentication?

- A. General
- B. Security
- C. WLAN
- D. Advanced

Correct Answer: B

### QUESTION 7

Refer to the exhibit.

The screenshot shows the 'Troubleshooting Client' interface for client 'd4:17:6a:d4:75:17'. The interface has five tabs: Summary, Log Analysis, Event History, ACS View Server, and Context Aware History. The 'Summary' tab is active, showing a progress bar with four steps: 802.11 Association (green circle), IP Address Assignment (red circle), Web Authentication (white circle), and Successful Association (white circle). Below the progress bar, the 'Problem' section states: 'Client could not complete the dhcp interaction.' The 'Suggested Action' section lists several troubleshooting steps: 'Check whether the DHCP server is reachable.', 'Check whether dhcp server is configured to serve the WLAN.', 'Check whether dhcp scope is exhausted.', 'Check whether multiple dhcp servers are configured with overlapping scopes.', 'Check local dhcp server is present if dhcp bridging mode enabled (move it to second) client is configured to get address from dhcp server.', 'Check if client has static ip configured and ensure client generates ip traffic \* if ipsec wlan, ensure that client is configured to do dhcp exchanges in open (safenet/netscreen default config does not include it).' A large green watermark 'www.Pass4Lead.com' is overlaid diagonally across the screenshot.

Which tool is shown?

- A. Cisco WCS client troubleshooting tool
- B. Cisco WLC client troubleshooting tool
- C. WLAN Client Debug Analyzer
- D. Cisco WLAN Connection Advisor

Correct Answer: A

Please go through the link to understand more about the Cisco WCS Client Troubleshooting tool:  
<http://www.cisco.com/web/techdoc/wcs/cleanair/client-troubleshooting/CleanAir-ClientTroubleshooting.html>

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### QUESTION 8

Which spread spectrum technique uses 11-bit chips to transmit 1 bit of data over a 22-MHz channel?

- A. DSSS
- B. FHSS
- C. OFDM
- D. MIMO
- E. CCK

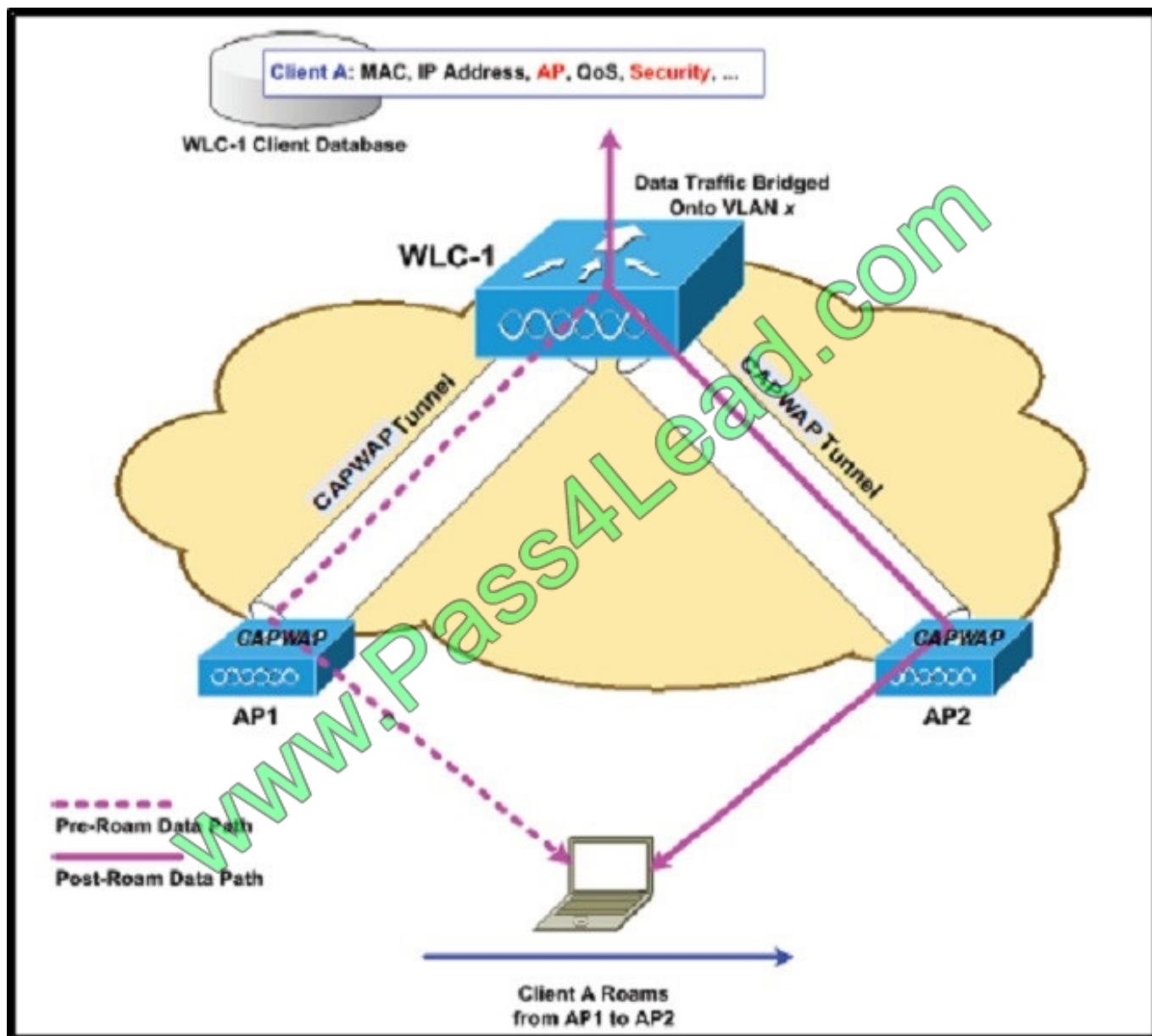
Correct Answer: A

For every 0 or 1 you want to send, DSSS generates a code representing that 0 or that 1. This code, also called symbol or chip, can be a sequence of up to 11 bits (this is called the Barker 11 code), and these 11 bits are sent in parallel over the 22 MHz channel. You can lose up to nine of these 11 bits due to interferences and still understand whether the code sent was supposed to represent a 0 or a 1.

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### QUESTION 9

Refer to the exhibit.



Which two wireless functions is the client experiencing? (Choose two.)

- A. Inter-controller Roaming
- B. Intra-controller Roaming
- C. Layer 2 Roaming
- D. Layer 3 Roaming
- E. Inter-subnet roaming
- F. Re-authentication

Correct Answer: BC

### QUESTION 10

Which module does the Cisco AnyConnect Secure Mobility client integrate into the AnyConnect client package for access to both wired and wireless networks?

- A. Network Access Manager
- B. Telemetry
- C. Web Security
- D. DART

Correct Answer: A

The main components used in IUWNE are the Cisco AnyConnect Mobility Client itself, associated with the Network Access Module (NAM) used to manage existing profiles and provide the wireless connectivity.

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### QUESTION 11

During an upgrade, the wireless infrastructure has seen a few access points join and then drop off the network. After further investigation, it appears the access points may have an IOS code version that is causing issues. Where in the controller is this information found?

- A. GUI > Wireless > Access Point > General
- B. CLI > show ap image all
- C. GUI> Monitor > Software Version
- D. CLI > show sysinfo

Correct Answer: A

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### QUESTION 12

A customer cannot access the GUI on the Cisco 5508 Wireless Controller from the management interface due to network failure. Which interface can the customer use to access the WLC GUI until the network issues are resolved?

- A. virtual
- B. dynamic
- C. console port
- D. service port

Correct Answer: D

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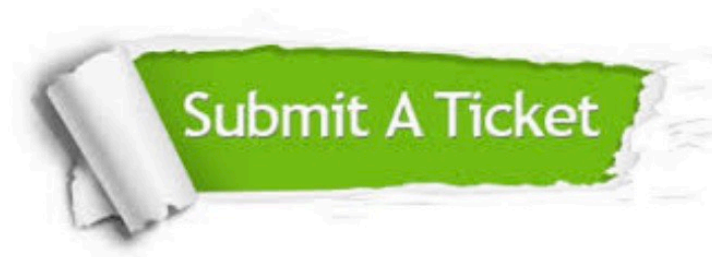
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