

200-355^{Q&As}

Implementing Cisco Wireless Network Fundamentals

Pass Cisco 200-355 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.certbus.com/200-355.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



QUESTION 1

Refer to the exhibit.

Config Audit

Cisco Prime
 Network Control System

Audit Summary

Controller Name	Audit Status	Audit Time	Controller IP Address	Message
Cisco_07:21:43	Identical	2011-May-18, 04:00:03 UTC	10.33.126.2	
Cisco_20:5b:03	Identical	2011-May-18, 04:00:03 UTC	10.32.188.164	
Cisco_32:1b:23	Identical	2011-May-18, 04:00:03 UTC	10.32.37.4	
Cisco_63:c3:03	Mismatch	2011-May-18, 04:00:03 UTC	10.32.52.5	
Cisco_69:51:e0	Mismatch	2011-May-18, 04:00:03 UTC	10.32.36.10	
Cisco_72:16:c3	Mismatch	2011-May-18, 04:00:03 UTC	10.32.53.5	
Cisco_7d:88:00	Mismatch	2011-May-18, 04:00:03 UTC	171.70.35.131	
Cisco_7d:e2:43	Identical	2011-May-18, 04:00:03 UTC	10.194.145.10	
Cisco_7e:fc:23	Identical	2011-May-18, 04:00:03 UTC	10.32.188.162	
Cisco_91:26:03	Identical	2011-May-18, 04:00:03 UTC	10.34.145.84	
Cisco_91:29:83	Identical	2011-May-18, 04:00:03 UTC	10.34.145.86	

Cisco WCS version 7.0 has a configuration mismatch with what is actually running in the controller. Which menu leads to the Audit Status Report?

- A. Security
- B. Monitor
- C. Configure
- D. Services
- E. Administration
- F. Tools

Correct Answer: C

The Configure menu enables you to configure templates, controllers, access points, Ethernet switches, chokepoints, Wi-Fi TDOA receivers, config groups, auto provisioning, scheduled configuration tasks, profiles, ACS view servers, and TFTP servers on your network.

http://www.cisco.com/c/en/us/td/docs/wireless/wcs/7-0/configuration/guide/WCS70cg/7_0wst.html#wp1068994

QUESTION 2

Which three types of site surveys can be performed in a Cisco WLAN deployment? (Choose three.)

- A. predictive survey
- B. active survey
- C. actual survey
- D. Ekahau site survey
- E. AirMagnet survey
- F. passive survey

Correct Answer: ABF

Reference: <https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/116057-site-survey-guidelines-wlan-00.html>

QUESTION 3

What is the maximum number of lightweight APs that can be supported from a single Cisco WCS Navigator management console with Cisco WCS and Cisco WLC running version 7.0 code?

- A. 10,000
- B. 20,000
- C. 25,000
- D. 30,000
- E. 60,000

Correct Answer: D

The Cisco WCS Navigator supports partitioning of the unified wireless network at the management level. It supports up to 20 Cisco WCS management platforms with manageability of up to 30,000 Cisco Aironet lightweight access points from a single management console. It runs on a server platform with an embedded database.

QUESTION 4

What three configuration options can be executed by navigating to the WCS Administration > AAA menu? (Choose three.)

- A. Add a Lobby Ambassador guest
- B. Add a LDAP server
- C. Add an administrative user
- D. Add a MAC address list filter

E. Add a RADIUS server

F. Add a TACAS+ server

Correct Answer: CEF

QUESTION 5

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 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.

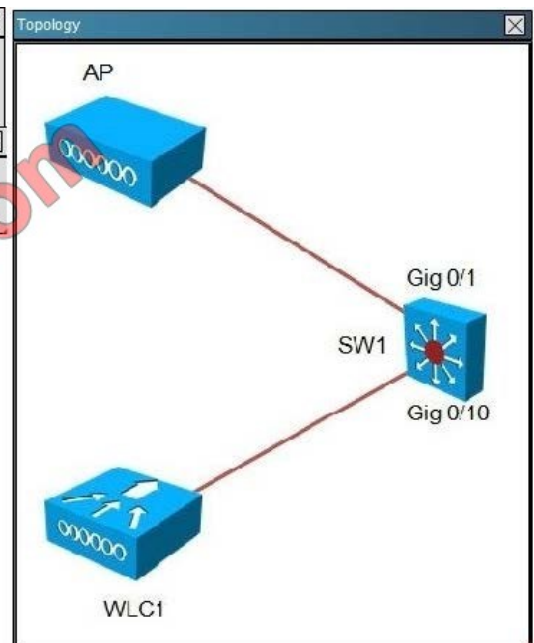
Instructions

- 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.

Topology



The diagram shows a network topology with three main components: an Access Point (AP), a Switch (SW1), and a Wireless LAN Controller (WLC1). The AP is connected to SW1 via Gigabit Ethernet port Gig 0/1. The WLC1 is connected to SW1 via Gigabit Ethernet port Gig 0/10. The AP and WLC1 are represented by blue 3D-style icons, while SW1 is a blue square icon with a starburst pattern.

WLC 802.11bgn AP

802.11b/g/n Cisco APs > Configure

General		RF Channel Assignment	
AP Name	AP442b.036d.4d0f	Current Channel	11
Admin Status	Enable	Channel Width	20 MHz
Operational Status	UP	Assignment Method	Global
Slot #	0		Custom
11n Parameters		<i>Note: Only Channels 1,6 and 11 are nonoverlapping</i>	
11n Supported	Yes	Tx Power Level Assignment	
ClientLink	<input type="checkbox"/>	Current Tx Power Level	5
CleanAir		Assignment Method	Global
CleanAir Capable	No		Custom 5
CleanAir Admin Status	Disable	Performance Profile	
Antenna Parameters		View and edit Performance Profile for this AP	
Antenna Type	Internal	Performance Profile	
Antenna	A <input checked="" type="checkbox"/>	<i>Note: Changing any of the parameters causes the Radio to be temporarily disabled and thus may result in loss of connectivity for some clients.</i>	
	B <input checked="" type="checkbox"/>		
	C <input checked="" type="checkbox"/>		

WLC 802.11a/n AP

802.11a/n Cisco APs > Configure

General		RF Channel Assignment	
AP Name	AP442b.036d.4d0f	Current Channel	149
Admin Status	Enable	Channel Width *	20 MHz
Operational Status	UP	<i>Channel width can be configured only when channel configuration mode</i>	
Slot #	1	Assignment Method	Global
11n Parameters			
11n Supported	Yes	Tx Power Level Assignment	
ClientLink	<input type="checkbox"/>	Current Tx Power Level	4
CleanAir		Assignment Method	Global
CleanAir Capable	No		Custom 4
CleanAir Admin Status	Disable	Performance Profile	
Antenna Parameters		View and edit Performance Profile for this AP	
Antenna Type	Internal	Performance Profile	
Antenna	A <input checked="" type="checkbox"/>	<i>Note: Changing any of the parameters causes the Radio to be temporarily disabled and thus may result in loss of connectivity for some clients.</i>	
	B <input checked="" type="checkbox"/>		
	C <input checked="" type="checkbox"/>		

Logging

MONITOR WLANs CONTROLLER WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK

Syslog Configuration

Syslog Server IP Address: [Add](#)

Syslog Server

10.10.10.25 [Remove](#)

Syslog Level: Errors

Syslog Facility: Local Use 0

Msg Log Configuration

Buffered Log Level: Alerts

Console Log Level: Critical

File Info:

Trace Info:

What APTx Power Level Assignment would be required to increase power by 3 dBm on 2.4GHz radio?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5
- F. 6
- G. 7
- H. 8

Correct Answer: D

From the output, we can see the current power level setting for the 802.11 bgn (2.4Ghz tab) is set at 5. Based on the following table from Cisco, that would mean the output power is 3 mW: Here is the power conversion table to go from mW to 3bm:

Available Output Power Levels

Controller Tx Power Settings ¹	Radio Output Power	
	802.11b (mW)	802.11g (mW)
1 (maximum) ²	50	30
2	25	15
3	12	8
4	6	4
5	3	2
6	2	1
7	-1	-
8		-

Power Conversion Table

mW	dBm	mW	dBm	mW	dBm
200	23	40	16	8	9
150	22	30	15	6	8
125	21	25	14	5	7
100	20	20	13	4	6
80	19	15	12	3	5
60	18	12	11	2	2
50	17	10	10	1	-1

So, with a power level setting of 5, the output power is 3mW, or 5 dbm. A power level of 4 would increase it to 6mW, or 8 dbm.

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

Strong security is required, but a centralized RADIUS authenticator has not been implemented. Which two steps must you take to provide maximum security when using a pre-shared key? (Choose two.)

- A. Change the TKIP on a weekly basis.
- B. Use a key that includes mixed-case letters, numbers, and symbols with a length greater than 10 characters.
- C. Use only with WPA and WPA2, following proper strong key guidelines.
- D. Use the longest possible WEP key in your security policy.

Correct Answer: BC

Another form of basic security now available is WPA or WPA2 Pre-Shared Key (PSK). The PSK verifies users via a password, or identifying code, (also called a passphrase) on both the client station and the access point. A client may only gain access to the network if the client's password matches the access point's password. The PSK also provides keying material that TKIP or AES use to generate an encryption key for each packet of transmitted data. While more secure than static WEP, PSK is similar to static WEP in that the PSK is stored on the client station and can be compromised if the client station is lost or stolen. A strong PSK passphrase that uses a mixture of letters, numbers, and non-alphanumeric characters is recommended. http://www.cisco.com/c/en/us/products/collateral/wireless/aironet-1200-access-point/prod_brochure09186a00801f7d0b.html

QUESTION 8

How many dBm is 40 mW?

- A. 10 dBm
- B. 16 dBm
- C. 20 dBm
- D. 22 dBm
- E. 40 dBm

Correct Answer: B

The dB measures the power of a signal as a function of its ratio to another standardized value. The abbreviation dB is often combined with other abbreviations in order to represent the values that are compared. Here are two examples:

You can calculate the power in dBs from this formula:

$$\text{Power (in dB)} = 10 * \log_{10} (\text{Signal/Reference})$$

This list defines the terms in the formula:

Here is an example. If you want to calculate the power in dB of 50 mW, apply the formula in order to get:

$$\text{Power (in dB)} = 10 * \log_{10} (50/1) = 10 * \log_{10} (50) = 10 * 1.7 = 17 \text{ dBm}$$

Because decibels are ratios that compare two power levels, you can use simple math in order to manipulate the ratios for the design and assembly of networks. For example, you can apply this basic rule in order to calculate logarithms of

large numbers:

$$\log_{10} (A*B) = \log_{10}(A) + \log_{10}(B)$$

If you use the formula above, you can calculate the power of 50 mW in dBs in this way:

$$\text{Power (in dB)} = 10 * \log_{10} (50) = 10 * \log_{10} (5 * 10) = (10 * \log_{10} (5)) + (10 * \log_{10}(10)) = 7 + 10 = 17 \text{ dBm}$$

<http://www.cisco.com/c/en/us/support/docs/wireless-mobility/wireless-lan-wlan/23231-powervalues-23231.html>

QUESTION 9

Which two statements about WiMAX technology are true? (Choose two.)

- A. WiMAX is defined by 802.11i.
- B. Typically, fixed WiMAX networks have a higher-gain directional antenna installed near the client.
- C. WiMAX is capable of working as a long-range system over several miles.
- D. WiMAX works only for licensed frequencies.

Correct Answer: BC

WiMAX is defined by 802.16, that is intended for wireless "metropolitan area networks". WiMAX can provide broadband wireless access (BWA) up to 30 miles (50 km) for fixed stations, and 3 - 10 miles (5 - 15 km) for mobile stations. In contrast, the WiFi/802.11 wireless local area network standard is limited in most cases to only 100 - 300 feet (30 - 100 m). Fixed WiMAX networks typically have a higher -gain directional antenna installed near the client (customer) which results in greatly increased range and throughput. Using 802.11 with high-gain antenna can bridge last-mile gaps, but they require more power. WiMAX operates on both licensed and non-licensed frequencies, providing a regulated environment and viable economic model for wireless carriers. In particular, WiMax operates on the 10-to 66-GHz frequency band, so it doesn't interfere with 802.11 LANs.

QUESTION 10

Which option lists the key features of Cisco Compatible Extensions v5?

- A. Roaming and real-time diagnostics, MFP, a diagnostic channel that allows troubleshooting of the client, client reporting, optional location service, and expedited bandwidth
- B. AP assisted roam, Cisco Centralized Key Management, radio measurements, and transmit power control
- C. CAC, UPSD, voice metrics, MBSSIDs, location, link tests, and NAC
- D. WME, proxy ARP, EAP-FAST, and WPA2, and single sign-on
- E. LEAP, WPA, 802.1x and VLANs per AP, TKIP, and WiFi

Correct Answer: A

http://www.cisco.com/web/partners/downloads/765/ccx/Comp_Ext_CustPreso.pdf

QUESTION 11

What is the effect of increasing antenna gain on a radio?

- A. focusing energy in a defined direction
- B. adding energy creating a larger cell
- C. aligning phase shifting
- D. improving frequency specific diversity

Correct Answer: B

QUESTION 12

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.

To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase

24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

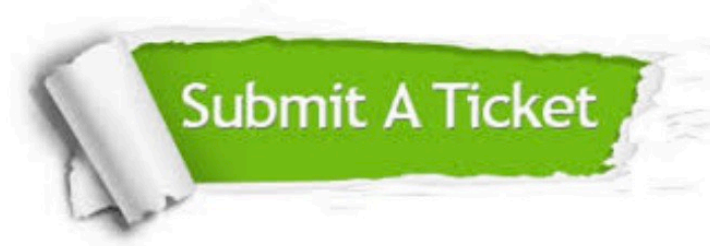
We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.certbus.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.

To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.

All trademarks are the property of their respective owners.

Copyright © certbus, All Rights Reserved.