

Cisco

Exam 200-355

Implementing Cisco Wireless Network Fundamentals

Version: 9.0

[Total Questions: 378]

Question No : 1

An access point is currently transmitting at 4 mW. The customer needs to increase its signal strength by 6 dB to create a larger wireless cell. What should the new transmit power be?

- A. 8 mW
- B. 10 mW
- C. 12 mW
- D. 16 mW
- E. 24 mW

Answer: D

Question No : 2 DRAG DROP

Drag the authentication types from the left and drop them on the correct descriptions on the right.

EAP-FAST	Not used much anymore.
EAP-MD5	Requires a certificate on the server but not on the client.
EAP-TLS	Requires a client-side certificate.
LEAP	Strong password policies recommended.
PEAP	Uses a Protected Access Credential.

Answer:

Drag the authentication types from the left and drop them on the correct descriptions on the right.

EAP-FAST	EAP-MD5
EAP-MD5	PEAP
EAP-TLS	EAP-TLS
LEAP	LEAP
PEAP	EAP-FAST

Question No : 3

What is the EIRP value for a transmitter that has a transmitter capable of 15 dBm, an antenna that has a gain of 12 dBi, and a cable that connects the transmitter to the antenna that has 1 db loss?

- A. 26 dBm
- B. 100 mW
- C. .86 dBm
- D. 165 dBm
- E. 1000 mW

Answer: A

Question No : 4

When an AP, in its default configuration mode, connects to a Cisco WLC, which methods are available for remote management access to an AP?

- A. SSL and SSH are available only after configuration by a Cisco WLC version 7.0.
- B. SSH only
- C. HTTPS, and SSH
- D. SSH and Telnet
- E. SSH and Telnet are available only after configuration by a Cisco WLC version 7.0.

Answer: D

Question No : 5

You are on the phone working with a colleague that is console connected to a lightweight AP that has lost its configuration. Which three actions are necessary to allow the AP to connect to a controller? (Choose three.)

- A. Configure the AP IP address.
- B. Configure the controller name.
- C. Configure the controller IP address.
- D. Configure the AP hostname.
- E. Configure the AP IP default-gateway.
- F. Configure the AP username and password.

Answer: A,C,E

Question No : 6

A customer has asked for the proper port configuration to allow for LAG on a Cisco 2504 Wireless Controller to a Cisco IOS switch. Which EtherChannel mode should be used on the switch to allow for the WLC to connect?

- A. on
- B. auto
- C. desirable
- D. passive
- E. active

Answer: A

Question No : 7

Which device divides a signal between two antennas?

- A. splitter
- B. lightening arrestor
- C. attenuator
- D. amplifier

Answer: A

Question No : 8

A customer wants to analyze the data rates that are available to a corporate laptop in its wireless deployment. The customer wants a heat map that displays actual data and shows the data rates that are available to the client in different areas of its facility. When using AirMagnet Survey PRO, which type of survey provides the actual data rates?

- A. virtual
- B. predictive
- C. passive
- D. active

Answer: D

Question No : 9 DRAG DROP

Cisco 200-355 : Practice Test

Drag the features on the left that use the "split MAC" model and drop them on the appropriate device on the right.

802.11 frame translation and bridging	Controller	Target
mobility management		Target
encryption downstream		Target
providing real-time signal-quality information		Target
QoS policies		AP
decryption upstream		Target
		Target
		Target

Answer:

Drag the features on the left that use the "split MAC" model and drop them on the appropriate device on the right.

802.11 frame translation and bridging	Controller	QoS policies
mobility management		mobility management
encryption downstream		802.11 frame translation and bridging
providing real-time signal-quality information		
QoS policies	AP	providing real-time signal-quality information
decryption upstream		encryption downstream
		decryption upstream

Question No : 10

You have an organization that has a growing number of standalone APs. You would like to migrate to lightweight APs and manage them through Cisco WCS.

Which software platform allows you to make this migration?

- A. The enterprise version of Cisco WCS allows this migration and provides the most flexibility in the number of APs supported.
- B. CiscoWorks WLSE is the only management platform that allows this migration, but it is limited to 500 APs.
- C. You can migrate your network to Cisco WCS single server with the CiscoWorks WLSE upgrade software upgrade.
- D. You can migrate the network by using either the single server or enterprise software platforms, both using the CiscoWorks WLSE upgrade software upgrade.

Answer: C

Question No : 11

```
(Cisco Controller) >show network summary
RF-Network Name..... Cisco
Web Mode..... Disable
Secure Web Mode..... Disable
Secure Web Mode Cipher-Option High..... Disable
Secure Web Mode Cipher-Option SSLv2..... Disable
Secure Web Mode RC4 Cipher Preference..... Disable
OCSP..... Disabled
OCSP responder URL.....
Secure Shell (ssh)..... Enable
Telnet..... Disable
Ethernet Multicast Forwarding..... Disable
Ethernet Broadcast Forwarding..... Disable
IPv4 AP Multicast/Broadcast Mode..... Multicast Address : 239.0.1.1
IGMP snooping..... Disabled
IGMP timeout..... 60 seconds
IGMP Query Interval..... 20 seconds
MLD snooping..... Disabled
MLD timeout..... 60 seconds
MLD query interval..... 20 seconds
User Idle Timeout..... 300 seconds
ARP Idle Timeout..... 300 seconds
```

Refer to the exhibit. A customer is using central web authentication with a Cisco 5508 Wireless Controller and Cisco Identity Services Engine. An error occurs when wireless clients are redirected to the hosted splash page. What is causing the client error?

- A. Secure Web Mode is disabled on the WLC.
- B. OCSP is disabled on the WLC.
- C. Management Via Dynamic Interface is disabled on the WLC.
- D. Ethernet Multicast Forwarding is enabled on the WLC.

Answer: A

Question No : 12

An 802.11g network is experiencing intermittent signal degradation and Spectrum Analyzer is being used to try and locate the problem. What two interferers would likely be identified? (Choose two.)

- A. multiple cell phones

- B. microwave oven
- C. FM Radio
- D. cordless phone
- E. document scanner

Answer: B,D

Question No : 13

How are application-specific devices differentiated from laptop computers in the way they support Cisco Compatible Extensions?

- A. ASDs are required to support only Cisco Compatible Extensions v1 and v2 features. Laptops must support all Cisco Compatible Extensions features.
- B. ASDs are required to support only Cisco Compatible Extensions v5 management features, while laptops are required to support optional features.
- C. Several features that are required for laptops are not required for ASDs.
- D. There is no differentiation. ASDs and laptops must both support the same Cisco Compatible Extensions features.

Answer: C

Question No : 14

A customer suspects that a continuous transmitter is causing instability with the wireless clients that are operating on the 2.4-GHz wireless band. The customer is trying to determine which channel is being impacted by this transmitter. Which dashboard on the WLC GUI identifies this information?

- A. 802.11a/n - Air Quality Reports
- B. Clean Air - Worst Air Quality Report
- C. 802.11b/g/n - Interference Devices
- D. Statistics - Mobility Statistics

Answer: C

Question No : 15

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

Answer: A

Question No : 16

A help desk engineer is attempting to perform a remote packet capture on the wireless network. Which access point mode is necessary to perform this function?

- A. sniffer
- B. SE-Connect
- C. monitor
- D. rogue detector
- E. FlexConnect

Answer: A

Question No : 17

Which RRM feature allows an access point to avoid non-IEEE 802.11 interference?

- A. DCA
- B. TPC
- C. RF groups
- D. coverage hole detection

Answer: A

Question No : 18

Due to the terrain, a deployment requires a point-to-point wireless bridge to allow for network connectivity to a remote building. What 5GHz band would be permitted to use the highest power in the U.S.?

- A. U-NII-3
- B. U-NII-2 Extended
- C. U-NII-2
- D. U-NII-1

Answer: A

Question No : 19

An engineer has been noticing the power settings on several of the office APs change from day to day ever since two more APs were installed. After logging into the WLC, the engineer verifies that the power levels on 4 of the 802.11n radios are fluctuating up and down. What is the reason for this?

- A. The controller has the APs in H-REAP mode and are on a Layer 2 connection instead of Layer 3.
- B. The RRM has revealed a bad survey and is attempting to power down some of the radios to make up for it.
- C. The WLC has created temporary coverage holes while stepping through power levels for some of the APs.
- D. Several APs have high levels of overlapping coverage in the same area and the WLC is using RRM to correct the cell sizes AP coverage.

Answer: D

Question No : 20

An engineer is using a predictive survey tool to estimate placement of APs in a carpeted office space. Most interior walls should be assigned which attenuation value?

- A. 2 dB
- B. 3 dB
- C. 4 dB
- D. 5 dB

Answer: B

Question No : 21

```
interface GigabitEthernet2/1
  no ip address
  switchport
  switchport trunk encapsulation dot1q
  switchport trunk allowed vlan 1,5,15,20,25,30,35,40,45,50,55,100
  switchport trunk native vlan 44
  switchport mode trunk
end
```

Refer to the exhibit. An engineer is configuring a SSID to utilize the management interface on the WLC. The management interface is configured with an untagged VLAN in the wireless controller interface settings. The controller is connected to a neighboring switch via the interface shown in the diagram.

Which VLAN will traffic coming from the newly created SSID use to traverse the wired network?

- A. 1
- B. 20
- C. 44
- D. 50

Answer: C

Question No : 22

A remote site has requested that its wireless client traffic egress at the switch port of the access point. Which access point mode can be used?

- A. FlexConnect
- B. local
- C. monitor
- D. rogue detector
- E. SE-Connect

Answer: A