

Implementing Cisco Wireless Network Fundamentals

1. The network administrator wants an access point to be able to find rogue APs and to support location-based services. Which AP mode meets this requirement while having the radios up and preventing client connections?

A. sniffer

B. monitor

C. rogue-detection

D. FlexConnect

Answer(s): B

2. If an antenna has a dbd of 8.6, what is the dbi value?

A. 8.6

B. 6.2

C. 6.46

D. 10.74

E. 12.88

Answer(s): D

3. A customer would like to configure 25% of the access points on a floor to exclusively conduct spectrum analysis functions. What mode will the access point have to be configured in order to achieve this request?

A. Monitor mode

B. H-reap mode

C. SE-connect mode

D. Local mode

Answer(s): C

4. Which two interfaces can be changed but not removed on a Cisco Wireless LAN controller?
(Choose two)

A. Virtual

B. Guest

C. CAPWAP

D. Dynamic

E. Management

Answer(s): D,E

5. Which three configuration elements must match for a client to successfully associate to a standalone AP?

A. AP name

B. WLC name

C. BVI subnet

D. Encryption method

E. Gateway IP

F. SSID

G. PSK

Answer(s): D,F,G

6. Which way to upgrade the image on FlexConnect access points is the most efficient?

A. Unified access points operating in FlexConnect mode download the new software image from access points designated as "masters"

B. Unified access points operating in FlexConnect mode download the new software image from access points designated as "slaves"

C. Unified access points operating in FlexConnect mode download the new software image from the controller designated as "masters"

D. Unified access points operating in FlexConnect mode download the new software image from the controller designated as "secondary"

Answer(s): A

7. During which type of survey does the surveyor interact with the infrastructure?

A. passive

B. Planning

C. Active

D. Predictive

Answer(s): C

8. Which three architectures are valid Cisco wireless architectures? (Choose three.)

A. split MAC architecture

B. bridge architecture

C. routed architecture

D. autonomous architecture

E. cloud architecture

F. unified network architecture

Answer(s): A,D,F

9. Which signal does cisco recommend using at the cell edge when performing a site survey for VoWLAN applications?

A. -67dbm

B. -78dbm

C. -56dbm

D. -85dbm

Answer(s): A

10. Which three criteria are used when choosing the type of external antenna to connect to an indoor AP?(Choose Three)

A. signal coverage area

B. antenna manufacturer

C. number of SSIDs

D. AP radio frequency

E. potential interferers

F. PoE draw

Answer(s): A,D,E

11. A customer is trying to avoid utilizing DFS frequencies in the 5-GHz spectrum, because he is concerned about interference with radar signals. Which channel should be avoided?

A. 52

B. 161

C. 36

D. 149

Answer(s): A

12. End-to-end encryption is a management requirement for a wireless deployment. When importing the WLCs into CISCO Prime Infrastructure 2.0, which two options represent the version of SNMP and remote access parameter that fulfil this requirement?(Choose two)

A. SNMPv2c

B. SNMPv1

C. SSH

D. HTTPS

E. SNMPv3

Answer(s): C,E

13. A network engineer is troubleshooting a LAP that is unable to join the controller and receives this message:

A. A LAP has the same IP address as the AP manager.

B. Two or more controllers have the same IP address.

C. An AP manager has the same IP address as another AP manager.

D. Two or more LAPs have the same IP address.

Answer(s): A

14. Which option is defined as RF energy that reduces the SNR on an 802.11 environment?

A. spectrum analyzer

B. noise

C. interference

D. CCA

Answer(s): A

15. Which statement about getting management access to a Cisco WLC from its wireless client is true?

A. The Cisco WLC does not allow wireless client management access.

B. The wireless client can be used only for downloads or uploads to or from the Cisco WLC.

C. The wireless client always has management access to the Cisco WLC.

D. The Cisco WLC must be configured to allow wireless client management access

Answer(s): D

16. Which technique divides a 20-MHz channel into 52 sub channels to transmit wireless data?

A. OFDM

B. CCK

C. FHSS

D. DSSS

Answer(s): A

17. The IEEE 802.11n standard provides 40MHz channels, improved MAC efficiency, and MIMO. Which three elements define the 802.11n implementation of MIMO? (Choose three)

A. Spatial multiplexing

B. Dynamic frequency selection

C. Transmit beam forming

D. Packet aggregation

E. Channel bonding

F. Maximal ratio combining

Answer(s): A,C,F

18. Which CAPWAP AP management access method is available as the default setting?

A. The console port, SSH and HTTPs

B. The console port and SSH

C. Only the console port

D. SSH only

Answer(s): C

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

A. WLAN

B. General

C. Security

D. Advanced

Answer(s): C

20. A wireless client is trying to connect to wireless network. What must be configured on the client side to connect to an infrastructure WLAN that broadcasts its SSID and uses WPA2 PSK?

A. type of EAP protocol

B. channel number

C. username and password

D. PSK

Answer(s): D
