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Exam : **300-120**

Title : **Implementing Cisco Wireless
Advanced Solutions**

Vendor : **Cisco**

Version : **DEMO**

NO.1 How many retries may a station attempt before a Cisco AP dumps the frame?

- A. 128
- B. 64
- C. 32
- D. 16

Answer: B

NO.2 What is illustrated by the following figure?



- A. Cisco PI Health
- B. DNA Center Global Network Health
- C. DNA Center Users Health
- D. Cisco PI default dashboard

Answer: B

NO.3 In wireless LAN networks, what is the companion mechanism to CSMA/CD in wired networks?

- A. Carrier Sense Media Access/Collision Avoidance
- B. Carrier Sense Multiple Access/Collision Avoidance
- C. Code Sense Multiple Access/Collision Avoidance
- D. None of these

Answer: B

NO.4 Which one of the following applications would be the most appropriate use for an AP model that has internal antennas?

- A. A location where a relatively wide coverage area is desired
- B. A location where coverage is needed toward one side of the AP
- C. A location where a patch antenna's pattern is required
- D. A location where an omnidirectional antenna is not desirable

Answer: A

NO.5 What is the maximum number of subordinate access points (APs) of the same model that can download the image from the primary AP?

- A. Two
- B. Three
- C. Four
- D. Five

Answer: B

NO.6 Refer to the exhibit.

Rogue Rule > Edit

Rule Name: Rule 1

Type: **Malicious**

Match Operation: Match All Match Any

Enable:

Conditions

Minimum RSSI (-95 to -50): dBm

Time Duration (0-3600): secs.

User configured SSID

SSID	Actions
Admin	Add SSID Remove

Add Condition

Add Condition

An engineer tries to manage the rogues on the Cisco WLC. Based on the configuration, which AP is marked as malicious by the controller?

- A. rogue AP with SSID admin seen for 4000 seconds and heard at -70dBm
- B. rogue AP with SSID admin seen for 3000 seconds and heard at -60dBm
- C. rogue AP with SSID admin seen for 4000 seconds and heard at -60dBm
- D. rogue AP with SSID admin seen for 3000 seconds and heard at -70dBm

Answer: D

NO.7 Device hardware identification, such as validating whether a device is an Apple iOS device or a Samsung Galaxy device, is an example of which one of the following?

- A. Client authentication
- B. Four-way handshake
- C. Client profiling
- D. Device validation

Answer: C

NO.8 Which one of the following wireless client specifications is helpful in designing the size of an AP cell?

- A. The antenna gain
- B. The receiver sensitivity
- C. The number of spatial streams
- D. The data rates supported

Answer: B

NO.9 Which of the following Cisco DNA Center utilities enables live packet capture from AP(s) and provides near-real-time information about the client?

- A. Insights
- B. Syslog Server
- C. Path Trace
- D. Intelligent Capture

Answer: D

NO.10 What is the path taken by location information captured with FastLocate?

- A. Any AP in range of the STA captures data frames, forwards them to the WLC, the WLC extracts the frame RSSI, and forwards it to CMX
- B. Only one AP captures data frames, forward their parameters to the WLC, the WLC forwards them without further processing to CMX
- C. Only one AP captures data frames, bypasses the WLC and forwards their parameters directly to CMX
- D. Any AP in range of the STA captures data frames, bypasses the WLC and forwards their parameters directly to CMX

Answer: B

NO.11 Which of the following is not a key component of the wireless network authentication framework?

- A. Supplicant
- B. Authenticator
- C. Authentication server
- D. Identity store
- E. Intrusion Detector

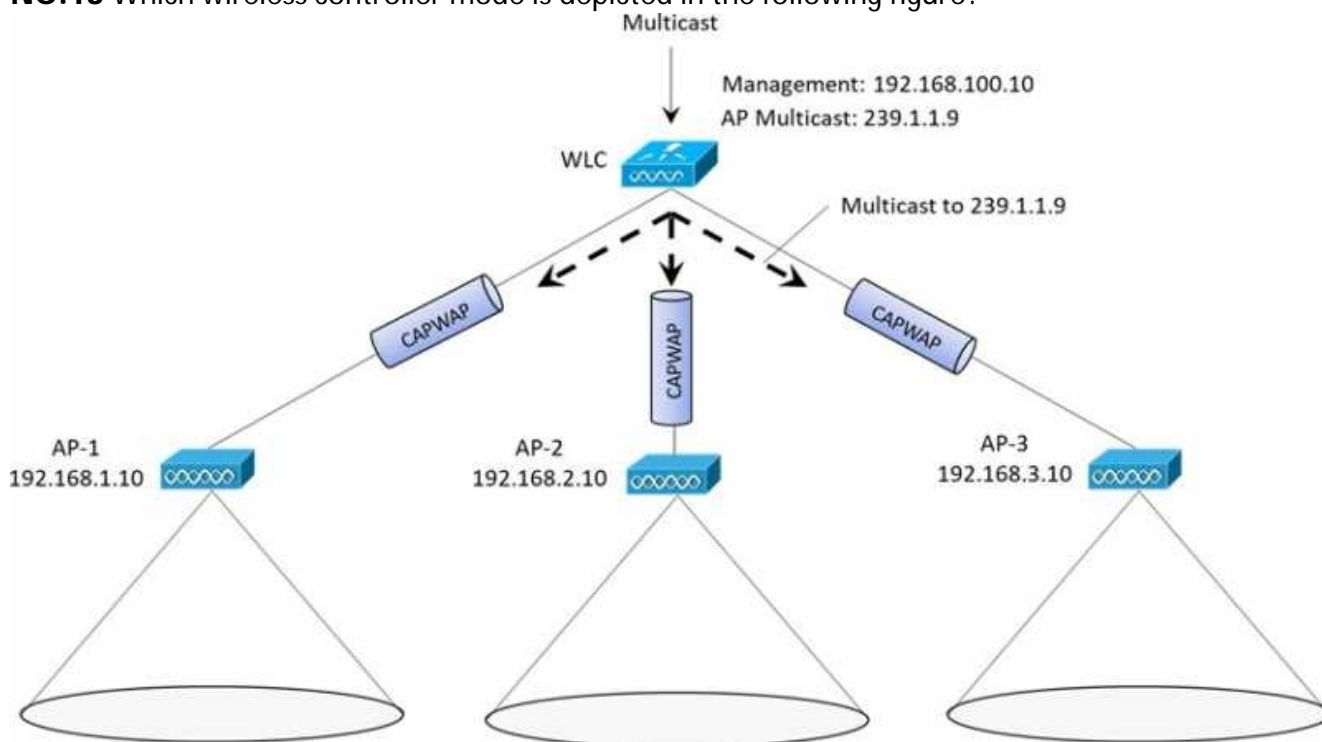
Answer: E

NO.12 Which of the following are disadvantages of deploying a local controller at each branch office?

- A. Added cost
- B. Management overhead
- C. Continual maintenance of software updates
- D. Layer 3 roaming within the branch
- E. IPv6 L3 mobility

Answer: A,B,C

NO.13 Which wireless controller mode is depicted in the following figure?



- A. Multicast-multicast mode
- B. Broadcast-unicast mode
- C. Multicast-unicast mode
- D. Broadcast-broadcast mode

Answer: A

NO.14 In the context of location reporting, what is the default RSSI threshold value for RSSI Cutoff (Probing Only Clients) for non-associated clients?

- A. 65 dBm
- B. 75 dBm
- C. 85 dBm
- D. 95 dBm

Answer: C

NO.15 Which of the following features are available to an access point (AP) while it is in standalone mode?

- A. Limit Clients per Radio
- B. FlexConnect Local Auth
- C. P2P Blocking
- D. Client web authentication
- E. Any centrally switched SSIDs
- F. Configuration updates
- G. Wireless intrusion prevention system (WIPS)

Answer: A,B,C

NO.16 Which of the following authentication methods does Extensible Authentication Protocol (EAP) employ?

- A. WPA
- B. 802.1X
- C. LDAP
- D. RADIUS

Answer: B,D

NO.17 Implementation of 802.1X on an access point requires three steps.

Put the following steps in the correct order:

- I) Configure ISE with the correct security policies to authenticate and authorize traffic from the AP.
- II) Enable the 802.1X supplicant on the AP (either globally or on a per-AP basis).
- III) Configure the local switch port with 802.1X and the back-end ISE server as the authentication server

- A. II, I, III
- B. II, III, I
- C. III, I, II
- D. I, III, II

Answer: B

NO.18 Why are Wi-Fi-based indoor location services important?

- A. For tracking mobile devices
- B. For facilitating troubleshooting (such as when a connection fails as a device entered the elevator)
- C. For optimizing associated technical resources (such as adding more APs in an area)
- D. For pushing sales campaigns or promotions to in-store visitors
- E. For accessing personal data on mobile devices
- F. For promoting real estate pricing for shopping centers by sharing the footfall details of the most visited area
- G. For pushing applications to the mobile devices

Answer: A,B,C,D,F

NO.19 Which of the following location techniques was inspired by airport radar?

- A. RSSI trilateration technique
- B. Cell of origin technique
- C. Angle of arrival (AoA) technique
- D. Signal-to-noise ratio technique

Answer: C

NO.20 Which of the following are non-802.11 devices that send signals within the bands of Cisco CleanAir access points (APs)?

- A. Beacons
- B. Interferers
- C. BLE tags

D. RFIDs

Answer: B

NO.21 What is the maximum number of FlexConnect access control lists an AireOS controller can support?

A. 64

B. 128

C. 256

D. 512

Answer: D

NO.22 Which EDCA metric defines how long a station may continue transmitting?

A. AIFSN

B. CWmin

C. CWmax

D. TXOP

E. TSpec

Answer: D

NO.23 What does FastLocate enable, for infrastructure-based location services?

A. Faster Wi-Fi client association

B. Higher bandwidth

C. Higher location accuracy

D. RFID tag location

Answer: C

NO.24 Which of the following is software that runs on the client device that is responsible for providing the identity (the username) and password of the client to the authenticator over EAP?

A. Supplicant

B. Authenticator

C. Authentication server

D. Identity store

Answer: A

NO.25 Which of the following is an efficient way to upgrade multiple remote access points (APs) spread through multiple remote branches?

A. TFTP image upgrades

B. FlexConnect AP image upgrades

C. Mobility Express image upgrades

D. None of these

Answer: B

NO.26 Which device location technique is also referred to as lateration?

- A. RSSI trilateration technique
- B. Cell of origin technique
- C. Signal-to-noise ratio technique
- D. Angle (angulation) technique

Answer: A

NO.27 Which license is required in Cisco Connected Mobile Experiences (CMX) to activate CMX Connect?

- A. Advanced license
- B. See license
- C. Activation license
- D. Base license

Answer: D

NO.28 An engineer must configure a Cisco WLC to support Cisco Aironet 600 Series Office Extend APs.

Which two Layer 2 security options are supported in this environment? (Choose two.)

- A. Static WEP + 802.1X
- B. WPA+WPA2
- C. Static WEP
- D. CKIP
- E. 802.1X

Answer: B,C

NO.29 Which of the following are advantages of implementing LWA using a controller's internal portal?

- A. Fast
- B. Inexpensive
- C. Easy
- D. Scalable
- E. Access to use-case driver portals

Answer: A,B,C

NO.30 An engineer must implement a CPU ACL that blocks web management traffic to the controller, but they also must allow guests to reach a Web Authentication Redirect page. To which IP address is guest client HTTPS traffic allowed for this to work?

- A. DNS server IP
- B. controller management IP
- C. virtual interface IP
- D. client interface IP

Answer: C

NO.31 What type of packets are sent from one source host address to a special group-based

destination address?

- A. Multicast
- B. Broadcast
- C. Anycast
- D. Unicast

Answer: A

NO.32 What is the corresponding access category mapping for Wireless Multimedia User Priority (WMM UP) value 6?

- A. Video
- B. Voice
- C. Call signaling
- D. Best effort

Answer: B

NO.33 Which feature helps wireless LAN controllers send messages about client mobility to each other all at once?

- A. Multicast
- B. Broadcast
- C. Anycast
- D. Unknown unicast

Answer: A

NO.34 Which of these QoS capabilities can be configured in AireOS?

- A. Per-application bandwidth contracts
- B. Per-VLAN bandwidth contracts
- C. Per-user bandwidth contracts
- D. Per-SSID bandwidth contracts

Answer: C,D

NO.35 An engineer set up identity-based networking with ISE and configured AAA override on the WLAN.

Which two attributes must be used to change the client behavior from the default settings? (Choose two.)

- A. DHCP timeout
- B. DNS server
- C. IPv6 ACL
- D. DSCP value
- E. multicast address

Answer: C,D