Cisco

Exam 642-737

Implementing Advanced Cisco Unified Wireless Security v2.0

Version: 9.0

[Total Questions: 206]

Question No : 1

RADIUS is set up with multiple servers on the controller and an engineer wants to select each server for specific WLANs. Where in the controller GUI is this configuration completed?

A. Security > AAA > RADIUS
B. Security > AAA > RADIUS > Fallback
C. Security > Authentication > RADIUS
D. WLANs > WLAN ID > Security > AAA Servers
E. WLANs > WLAN ID > Security > Layer 3
F. WLANs > WLAN ID > Advanced > AAA Servers

Answer: D

Question No : 2

An engineer must change the wireless authentication from WPA2-Personal to WPA2-Enterprise. Which three requirements are necessary? (Choose three.)

A. 802.1X
B. EAP
C. fast secure roaming
D. 802.11i
E. RADIUS
F. 802.11u
G. pre-shared key

Answer: A,B,E

Question No : 3

An engineer must segment traffic into separate WLANs. Which three factors should be used to determine traffic segmentation? (Choose three.)

A. QoS policy
B. subnet requirements
C. application requirements

D. security capabilities
E. access control policies for voice
F. enterprise resource planning

Answer: A,C,D

Question No : 4

Which three RADIUS IETF attributes should be enabled on the Cisco Secure ACS v4.2 when implementing IBN for VLAN assignment to the Cisco WLC v7.0? (Choose three.)

A. [064] Tunnel-Type
B. [065] Tunnel-Medium-Type
C. [066] Tunnel-Client-Endpoint
D. [067] Tunnel-Server-Endpoint
E. [069] Tunnel-Password
F. [081] Tunnel-Private-Group-ID
G. [082] Tunnel-Private-User-ID

Answer: A,B,F

Question No : 5

An engineer is changing the encryption method of a wireless network from PEAP-MS-CHAP V2 to EAP-TLS. Which two changes are necessary? (Choose two.)

A. The authentication server requires a new certificate.
B. All authentication clients require their own certificates.
C. The users require the Cisco AnyConnect client.
D. A new certificate is required for each authenticated user.
E. A Cisco NAC server is required.
F. Cisco Secure ACS is required.

Answer: A,B

Question No : 6

An engineer is deploying a Cisco NAC appliance in a highly routed environment and

3

requires it to act as a DHCP server. What deployment model should be used?

A. Layer 3 Virtual Gateway OOB Real-IP Gateway
B. Layer 2 Virtual Gateway
C. Layer 2 Real IP
D. Layer 3 Real IP

Answer: A

Question No : 7

Which three security features can be gained by installing a Cisco NAC Appliance into the network? (Choose three.)

A. in-band or out-of-band deployment options
B. intrusion detection
C. bandwidth and traffic filtering controls
D. posture assessment
E. accurate identification, classification, and stopping of malicious traffic
F. detection and containment of rogue clients

Answer: A,C,D

Question No : 8

An engineer creating a configuration file to upload to a controller would like the guest WLAN to be set for L3 authentication only. What command must be included in the configuration file?

A. config wlan security web-auth enable 2
B. config wlan security wpa wpa2 disable 2
C. config wlan security web-auth server-precedence 2 local radius ldap
D. config wlan custom-web global enable 2

Answer: A

Question No : 9

Which two attacks represent a social engineering attack? (Choose two.)

A. using AirMagnet Wi-Fi Analyzer to search for hidden SSIDs
B. calling the IT helpdesk and asking for network information
C. spoofing the MAC address of an employee device
D. entering a business and posing as IT support staff
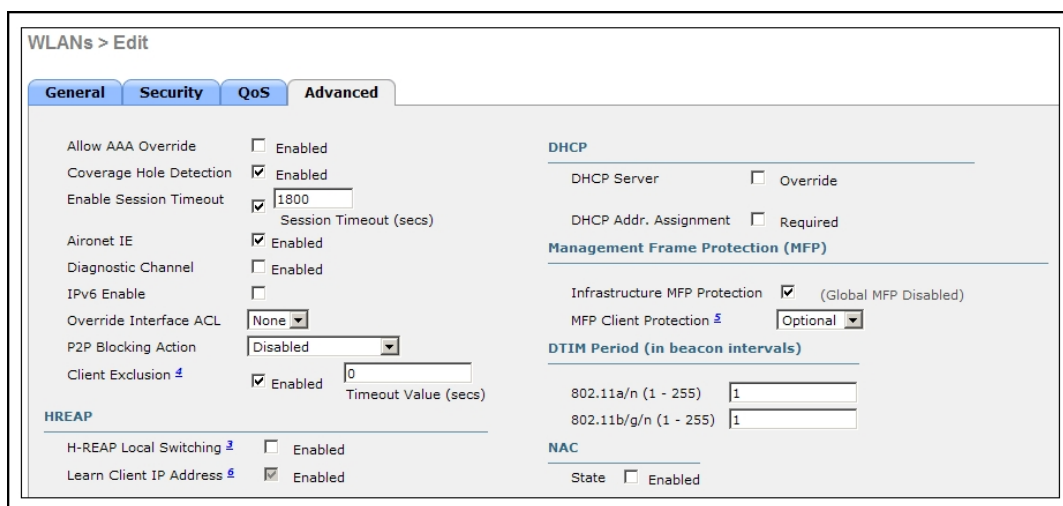
Answer: B,D

Question No : 10

When configuring the WLC for single sign-on for the NAC, which device is used for the RADIUS accounting IP address?

A. Cisco NAC Appliance Manager
B. Cisco NAC Appliance Server
C. Cisco NAC Guest Server
D. Cisco ACS
E. Cisco WCS

Answer: A

Question No : 11

Refer to the exhibit.

What is the effect of setting Client Exclusion to Enabled and set to a Timeout Value of 0 seconds in a Cisco WLC v7.0?

A. Excluded clients must be manually removed from the excluded list.
B. Client exclusion will not occur.
C. Client exclusion timeout will be determined by the IDS module.
D. Clients will only be disconnected and not excluded.

Answer: A

Question No : 12

The Cisco Unified Wireless Network solution, which is based on version 7.0, provides which three wired-side tracing techniques? (Choose three.)

A. switch port tracing
B. adaptive wIPS
C. RLDP
D. autocontainment
E. rogue detector
F. H-REAP

Answer: A,C,E

Question No : 13

Employees are allowed to start bringing their own wireless devices to work for use on the 802.11a/b/g/n WLAN when using their existing credentials. However, they are experiencing issues. Which two items are the most probable cause of these issues? (Choose two.)

A. incorrect IP address
B. supplicant or driver
C. incorrect user name
D. wrong wireless band
E. application issues

Answer: B,E

Question No : 14

All authentications are failing after a firewall is placed between the Cisco NAC guest server and RADIUS clients. Which two ports must be opened on the firewall? (Choose two.)

A. TCP port 23
B. TCP port 443
C. UDP port 123
D. UDP port 1812
E. UDP port 1813
F. UDP port 16666

Answer: D,E

Question No : 15

A network administrator is assigning a one-to-one association for VLAN to wireless WLAN or SSID. Given the implementation of a Cisco 2500 Series controller using v7.0, how many WLANs can be created?

A. 8
B. 16
C. 32
D. 64
E. 128
F. 254
G. 512

Answer: B

Question No : 16

When deploying wireless Cisco NAC OOB operations, which device signals the WLC to switch a user from a quarantine VLAN to an access VLAN?

A. Cisco NAC Appliance Manager
B. Cisco NAC Appliance Server
C. Cisco NAC Guest Server
D. Cisco ACS
E. Cisco WCS

Answer: A

Question No : 17

Which statement correctly describes a wireless client connection to the Cisco WLC v7.0 that is configured for web guest access?

A. The client associates to the anchor controller and authenticates to the anchor controller.
B. The client associates to the anchor controller and authenticates to the foreign controller.
C. The client associates to the foreign controller and authenticates to the anchor controller.
D. The client associates to the foreign controller and authenticates to the foreign controller.

Answer: C

Question No : 18

Which three methods are valid for guest wireless using web authentication? (Choose three.)

A. passthough
B. SSL
C. TLS
D. RADIUS
E. TACACS
F. local

Answer: A,D,F

Question No : 19

An engineer is securing the wireless network from vulnerabilities. Which four strategies are

recommended for mitigation? (Choose four.)

A. MFP
B. identity-based networking
C. rogue location
D. EAP-TLS
E. guest monitoring
F. RF profiles
G. rogue detection
H. password policies

Answer: A,C,E,G

Question No : 20

Which statement correctly describes the relationship between the foreign and anchor controllers when used for guest access?

A. The foreign controller will load balance in round-robin fashion starting with the highest IP address anchor controller to the lowest IP address anchor controller.
B. The foreign controller will load balance in round-robin fashion starting with the lowest IP address anchor controller to the highest IP address anchor controller.
C. The foreign controller will load balance in round-robin fashion starting with the highest MAC address anchor controller to the lowest MAC address anchor controller.
D. The foreign controller will load balance in round-robin fashion starting with the lowest MAC address anchor controller to the highest MAC address anchor controller.

Answer: B

Question No : 21

Which wireless attack can cause most client wireless adapters to lock up?

A. management frame flood
B. NULL probe response
C. EAPOL flood
D. RF jamming
E. disassociation flood

F. deauthentication flood

Answer: B

Question No : 22

For wireless NAC out-of-band operations, which protocol is used between the Cisco NAC Appliance Manager and the wireless controller to switch the wireless client from the quarantine VLAN to the access VLAN after the client has passed the NAC authentication and posture assessment process?

A. RADIUS
B. TACACS+
C. SNMP
D. SSL
E. EAP

Answer: C

Question No : 23

Client adapters on the wireless network are locking up and a packet capture shows many management frames with no SSID element. What signature should the engineer enable for the WLC to report this issue in the future?

A. Deauth flood
B. Null probe resp 2
C. EAPOL flood
D. Wellenreiter

Answer: B

Question No : 24

An engineer is adding client entries with the controller addresses to ACS. What IP address format would be used to add the class C network 192.168.1.0 in a single entry?