



642-737^{Q&As}

Implementing Advanced Cisco Unified Wireless Security (IAUWS) v2.0

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**QUESTION 1**

Clients are continually bouncing between APs when a client is on or near the border of two APs. What RF parameter should be adjusted?

- A. Minimum RSSI
- B. Hysteresis
- C. Adaptive Scan Threshold
- D. Transition Time

Correct Answer: B

QUESTION 2

How do you configure the Cisco Secure ACS v4.2 and Cisco WLC v7.0 to provide the most flexibility for the management of authorized access on the WLC?

- A. Local management user defined on the WLC
- B. The WLC configured for RADIUS and the Cisco Secure ACS configured for RADIUS (Cisco Airespace)
- C. The WLC configured for RADIUS and the Cisco Secure ACS configured for RADIUS (IETF)
- D. The WLC configured for TACACS+ and the Cisco Secure ACS configured for TACACS+ (Cisco Airespace)
- E. The WLC configured for TACACS+ and the Cisco Secure ACS configured for TACACS+ (Cisco IOS)

Correct Answer: E

QUESTION 3

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

Correct Answer: A

**QUESTION 4**

A WLAN is configured for AAA override. Valid user authentications are failing due to a custom ACL. What are two reasons the authentication could fail? (Choose two.)

- A. The ACL returned does not exist on the WLC.
- B. The name of the ACL on the WLC is not spelled correctly.
- C. The interface referred to in the returned ACL does not exist on the WLC.
- D. The ACL returned to the WLC prevents the end user device from receiving a DHCP address.
- E. The ACL name attribute has not been configured on the Cisco Secure ACS

Correct Answer: AB

QUESTION 5

What are two of the benefits that the Cisco AnyConnect v3.0 provides to the administrator for client WLAN security configuration? (Choose two.)

- A. Provides a reporting mechanism for rouge APs
- B. Prevents a user from adding any WLANs
- C. Hides the complexity of 802.1X and EAP configuration
- D. Supports centralized or distributed client architectures
- E. Provides concurrent wired and wireless connectivity
- F. Allows users to modify but not delete admin-created profiles

Correct Answer: CD

QUESTION 6

Refer to the exhibit.



```
Dec 7 13:56:09.373: dot11_auth_dot1x_start: in the dot11_auth_dot1x_start
Dec 7 13:56:09.373: dot11_auth_dot1x_send_id_req_to_client:
    sending identity request for 0040.96a0.3758
Dec 7 13:56:09.374: dot11_auth_dot1x_send_id_req_to_client:
    Started timer client_timeout 30 seconds
Dec 7 13:56:39.358: dot11_auth_dot1x_run_rfsm:
    Executing Action(CLIENT_WAIT, TIMEOUT) for 0040.96a0.3758
Dec 7 13:56:39.358: dot11_auth_dot1x_send_client_fail:
    Authentication failed for 0040.96a0.3758
Dec 7 13:56:39.358: %DOT11-7-AUTH_FAILED:
    Station 0040.96a0.3758 Authentication failed
```

A client reports being unable to log into the wireless network, which uses PEAPv2. Which two issues appear in the output? (Choose two.)

- A. There is a problem with the client supplicant.
- B. The AP has the incorrect RADIUS server address.
- C. The AP has lost IP connectivity to the authentication server.
- D. The EAP client timeout value should be increased.
- E. The authentication server is misconfigured on the controller.
- F. The authentication server is misconfigured in the WLAN.

Correct Answer: AD

QUESTION 7

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

Correct Answer: B

**QUESTION 8**

Which group provides the complete set of options for user roles in an autonomous AP?

- A. Read-only
- B. Read-only and Read-write
- C. Read-only, Read-write, and Lobby-admin
- D. Read-only, Read-write, and Monitor
- E. Read-only, Read-write, and ALL
- F. Read-only, Read-write, Lobby-admin, and ALL

Correct Answer: B

QUESTION 9

What two settings must be selected under the wireless properties security tab to configure EAP-TLS on a Microsoft Windows client? (Choose two.)

- A. 802.1X
- B. Shared
- C. WPA2-Personal
- D. WPA2-Enterprise
- E. Network Security Key
- F. Smart Card or other certificate
- G. Protected EAP

Correct Answer: DF

QUESTION 10

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

Correct Answer: DE

QUESTION 11

A company has installed 27 Cisco CAS devices across their network and administration has become difficult. What Cisco NAC component could ease administration?

- A. CAM
- B. NAA
- C. NAC Web Agent
- D. Super CAM

Correct Answer: D

QUESTION 12

An engineer is creating a Cisco AnyConnect profile for NAM. What menu will allow the client to find a hidden SSID to which to connect?

- A. Client Policy
- B. Authentication Policy
- C. Networks
- D. Network Groups

Correct Answer: C

QUESTION 13

A Cisco WLC v7.0 has been only initially configured through the console setup CLI wizard. A new AP has just finished association with the controller. What is the default mode of remote access to the AP?

- A. HTTPS
- B. HTTP
- C. SSH
- D. Telnet
- E. access is disabled

Correct Answer: E

**QUESTION 14**

Many employees are bringing their own devices to work such as those running Apple iOS for iPhones and iPads. Which three statements correctly describe authentication for these devices? (Choose three.)

- A. supports only broadcast networks
- B. supports broadcast and hidden networks
- C. supports only pre-shared key (pass phrase)
- D. supports most EAP types such as EAP-FAST, EAP-TLS, and PEAP
- E. supports WPA only
- F. supports WEP, WPA, and WPA2

Correct Answer: BDF

QUESTION 15

Wireless client voice calls are being degraded during roaming using a Cisco 7925 series phone on a wireless network. What mechanism can resolve the issue?

- A. CCKM
- B. 802.11r
- C. PKC
- D. 802.11i

Correct Answer: A

QUESTION 16

Which one best describes the EAP Identity Request frame when a wireless client is connecting to a Cisco WLC v7.0-based AP WLAN?

- A. sourced from the Cisco ACS Server to the client
- B. sourced from the client to the Cisco ACS Server
- C. sourced from the WLC to the client
- D. sourced from the client to the WLC
- E. sourced from the AP to the client
- F. sourced from the client to the AP



Correct Answer: C

QUESTION 17

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

Correct Answer: BE

QUESTION 18

Wireless NAC single sign-on uses which type of RADIUS records to notify the Cisco NAC Appliance Manager about the authenticated wireless clients?

- A. accounting records
- B. authentication records
- C. authentication and accounting records
- D. preauthentication records

Correct Answer: A

QUESTION 19

Which two firewall ports must be opened for the anchor controller to operate properly with a foreign controller for guest access? (Choose two.)

- A. ports 16666 and 16667 for controller traffic
- B. port 97 for EoIP traffic
- C. port 80 for HTTP traffic
- D. port 69 for TFTP traffic

Correct Answer: AB



QUESTION 20

An engineer is configuring IDS signatures and sets Bcast deauth to enabled and immediately begins to see Broadcast deauthentication frame alerts. What Cisco recommended solution would resolve this issue?

- A. disable Bcast deauth
- B. disable Broadcast SSID on the WLAN
- C. enable MFP on the WLAN
- D. locate and disable the attacker

Correct Answer: C

QUESTION 21

Refer to the exhibit.

Date	Time	Message-Type	User-Name	Group-Name	Caller-ID	Network Access Profile Name	Authen-Failure-Code	Author-Failure-Code	Author-Data	NAS-Port	NAS-IP-Address
08/11/2011	23:23:35	Bad request from NAS	..	..	..	(Unknown)	Invalid message authenticator in EAP request	..	..	..	10.43.1.10

What does this Cisco Secure ACS v4.2 log indicate?

- A. The WLC is not configured as a client in the Cisco Secure ACS.
- B. The WLC is not configured as a server in the Cisco Secure ACS.
- C. Incorrect authentication exists between the WLC and Cisco Secure ACS.
- D. The wireless client is not configured as a client in the Cisco Secure ACS.
- E. Incorrect authentication exists between the wireless client and Cisco Secure ACS.

Correct Answer: C

QUESTION 22

Client Management Frame Protection is supported on which Cisco Compatible Extensions version clients?



- A. v2 and later
- B. v3 and later
- C. v4 and later
- D. v5 only

Correct Answer: D

QUESTION 23

Refer to the exhibit.

Failed Attempts active.csv Refresh Download

Regular Expression Start Date & Time End Date & Time Rows per Page

Apply Filter Clear Filter

Filtering is not applied.

Date	Time	Message-Type	User-Name	Group-Name	Caller-ID	Network Access Profile Name	Authen-Failure-Code	Author-Failure-Code	Author-Data	NAS-Port	NAS-IP-Address
08/11/2011	23:22:47	Unknown NAS	..	..	..	(Unknown)	..	..	..	10.43.1.10	..

What does this Cisco Secure ACS v4.2 log indicate?

- A. The WLC is not configured as a client in the Cisco Secure ACS.
- B. The WLC is not configured as a server in the Cisco Secure ACS.
- C. Incorrect authentication exists between the WLC and Cisco Secure ACS.
- D. The wireless client is not configured as a client in the Cisco Secure ACS.
- E. Incorrect authentication exists between the wireless client and Cisco Secure ACS.

Correct Answer: A

QUESTION 24

Which three items must be configured on a Cisco WLC v7.0 to allow implementation of isolated bonding network? (Choose three.)

- A. RADIUS server IP address



- B. DHCP IP address
- C. SNMP trap receiver IP address
- D. interface name
- E. SNMP community name
- F. ACL name

Correct Answer: ADF

QUESTION 25

What is the maximum number of ACLs that can be applied to a Cisco WLC v7.0 interface?

- A. 1
- B. 16
- C. 32
- D. 64

Correct Answer: A

QUESTION 26

Which two fast roaming algorithms will allow a WLAN client to roam to a new AP and re-establish a new session key without a full reauthentication of the WLAN client? (Choose two.)

- A. PMK
- B. PTK
- C. MIC
- D. GTK
- E. CKM
- F. PKC

Correct Answer: EF

QUESTION 27

Cisco Client MFP is supported on which modes of LWAPP and CAPWAP APs?

- A. Local, H-REAP, and Bridge



- B. Local, H-REAP, and Monitor
- C. Local, H-REAP, and Rogue Detector
- D. Sniffer, H-REAP, and Bridge

Correct Answer: A

QUESTION 28

Which attribute on the Cisco WLC v7.0 does RADIUS IETF attribute "Tunnel-Private-Group ID" assign?

- A. ACL
- B. DSCP
- C. QoS D. VLAN

Correct Answer: D

QUESTION 29

A client is failing EAP authentication and a debug shows that the server is sending an Access-Reject message. Which action must you take to resolve authentication?

- A. Verify that the Validate server certificate on the client is disabled.
- B. Verify that the client certificates are from the proper CA and server certificate.
- C. Verify that the client server certificate has the proper Windows OIDs.
- D. Verify that the user is using the same password that is on the server.
- E. Verify that the user account is the same in the client certificate.

Correct Answer: D

QUESTION 30

An engineer is troubleshooting user authentications on the Cisco CAM and is viewing the wireless clients under the discovered clients tab. What client information can be gathered from this screen?

- A. authentication status
- B. association status
- C. EAP type
- D. NAC state

Correct Answer: B



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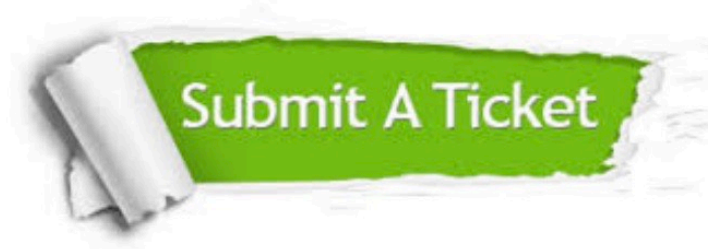
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