

# Implementing Advanced Cisco Unified Wireless Security (IAUWS) V2.0

1. An engineer has narrowed down an authentication issue to the client laptop. What three items should be verified for EAP-TLS authentication? (Choose three.)

A. The Subject Key Identifier is configured correctly.

B. Validate server certificate is disabled.

C. The client certificate is formatted as X.509 version 3.

D. The client certificate has a valid expiration date.

E. The user account is the same in the certificate.

F. The supplicant is configured correctly.

**Answer(s):** C,E,F

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2. What does the Cisco WLC v7.0 use to encrypt broadcast and multicast frames that are sent to a wireless client?

A. GTK

B. PTK

C. PMK

D. OKC

E. PSK

**Answer(s):** A

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3. 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. WLANs > WLAN ID > Security > AAA Servers

B. WLANs > WLAN ID > Advanced > AAA Servers

C. Security > AAA > RADIUS

D. Security > Authentication > RADIUS

E. Security > AAA > RADIUS > Fallback

F. WLANs > WLAN ID > Security > Layer 3

**Answer(s): A**

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4. When using the Standalone Profile Editor in the Cisco AnyConnect v3.0 to create a new

A. selects "Network Repair" from NAM

B. ensures use of "config.xml" as the profile name

C. ensures use of "nam.xml" as the profile name

D. becomes active after a save of the profile name

E. selects the new profile from NAM

F. ensures use of "configuration.xml" as the profile name

**Answer(s): A,F**

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5. An engineer is configuring 802.1x authentication on an autonomous AP. What two configuration commands must be included on the AP if the RADIUS server IP is 10.9.4.9? (Choose two.)

A. aaa group server radius 10.9.4.9

B. aaa authorization

C. radius-server host 10.9.4.9 auth-port 1812 acct-port 1813 key Cisco123

D. aaa new-model

E. aaa attribute list 10.9.4.9

**Answer(s): C,D**

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6. 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?

A. 192.168.1.0-255

B. 192.168.1.0 255.255.255.0

C. 192.168.1.0-192.168.1.255

D. 192.168.1.\*

E. 192.168.1.0/24

**Answer(s): D**

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7. 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

**Answer(s): D**

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8. An engineer must change the wireless authentication from WPA2-Personal to WPA2Enterprise. Which three requirements are necessary? (Choose three.)

A. 802.11u

B. fast secure roaming

C. 802.1X

D. pre-shared key

E. EAP

F. 802.11i

G. RADIUS

**Answer(s): C,E,G**

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9. Employees are allowed to starting bringing their own laptops to work. Which option can help provide a temporal user device vulnerability check when using the Java applet or ActiveX?

A. Cisco NAC Guest Server

B. Cisco ACS

C. Cisco NAC Web Agent

D. Cisco NAC Windows Agent

E. Cisco NAC Server

F. Cisco NAC Manager

**Answer(s): C**

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**10.** An engineer needs to block SSH traffic going to the WLC, which does not originate on the management interface. Where should the ACL be applied to accomplish this with the least

A. Management interface

B. WLAN interfaces

C. CPU

D. SSID

**Answer(s): C**

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**11.** An engineer would like to use an EAP supplicant that uses PKI to authenticate the WLAN network and client, as well as a client certificate. What EAP method can be used?

A. EAP-TLS

B. PEAPv1

C. EAP-FAST

D. PEAPv0

**Answer(s): A**

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**12.** An engineer has found that many PCs on the network are still using Windows XP. What wireless security feature would be missing from the base operating system?

A. MFP

B. WEP

C. CCXv5

D. WPA2

**Answer(s): D**

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**13.** Which option must a network engineer consider when Cisco NAC is deployed as an out-of-band solution?

A. Management VLAN must be separate.

B. Roaming issues may occur.

C. Traffic is sent through the anchor controller.

D. Symmetric tunneling must be used.

**Answer(s): B**

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14. A network engineer is troubleshooting using the mping command between the local and DMZ WLC. Which two ports should a network engineer verify are currently open on the firewall between the controllers? (Choose two.)

A. ICMP

B. UDP 161

C. UDP 16666

D. IP protocol 97

E. TCP 91

F. TCP 16113

**Answer(s):** C,D

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15. A user is connecting to the network with a wireless client using Cisco NAC. What three steps occur as part of a SSO VPN authentication process? (Choose three.)

A. The Cisco CAM sends an SNMP update to the controller about the client state.

B. The WLC forwards a RADIUS accounting start record to the Cisco CAM.

C. The Cisco CAS queries the Cisco CAM to verify the user is on the list of online users.

D. The client is transferred to the quarantine VLAN and verified by the Cisco CAS.

E. The client performs an 802.1X EAP authentication through the WLC to the Cisco Secure ACS.

F. The client is redirected to the Cisco CAS and is presented with a web login page.

**Answer(s):** B,C,E

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16. When implementing certificates through the use of a CA, how is the certificate of client A validated by client B when received?

A. verifying the client A certificate using the client A private key

B. verifying the client A certificate using the CA public key

C. verifying the client A certificate using the client B private key

D. verifying the client A certificate using the client A public key

E. verifying the client A certificate using the client B public key

F. verifying the client A certificate using the CA private key

**Answer(s): B**

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**17.** 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 lowest MAC address anchor controller to the highest MAC address anchor controller.

B. 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.

C. 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.

D. 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.

**Answer(s): C**

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**18.** All users on one of the two guest WLANs are failing to connect after a configuration change was made to a controller. What is the cause of the outage?

A. The configuration of the failing WLAN no longer matches the foreign controllers.

B. The address of the NAC guest server has been changed.



C. The DHCP server on the foreign controller was changed.

D. The interface or VLAN of the anchor controller and foreign controller no longer match.

**Answer(s):** A

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**19.** An engineer is configuring the guest WLAN to redirect to a created login page uploaded to the controller. Which three CLI commands are required if the guest WLAN is on WLAN 2? (Choose three.)

A. config wlan custom-web global enable 2

B. config wlan custom-web webauth-type internal 2

C. config wlan custom-web login-page customized 2

D. config wlan security web-auth enable 2

E. config wlan custom-web webauth-type customized 2

F. config wlan custom-web login-page login.html 2

**Answer(s):** D,E,F

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

A. port 97 for EoIP traffic

B. ports 16666 and 16667 for controller traffic

C. port 69 for TFTP traffic

D. port 80 for HTTP traffic

**Answer(s):** A,B

