Cisco

Exam Questions 300-430

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

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NEW QUESTION 1
A corporation has recently implemented a BYOD policy at their HQ. Which two risks should the security director be concerned about? (Choose two.)

A. network analyzers
B. malware
C. lost and stolen devices
D. keyloggers
E. unauthorized users

Answer: BC

NEW QUESTION 2
An engineer configures the wireless LAN controller to perform 802.1x user authentication. Which configuration must be enabled to ensure that client devices can connect to the wireless, even when WLC cannot communicate with the RADIUS?

A. pre-authentication
B. local EAP
C. authentication caching
D. Cisco Centralized Key Management

Answer: B

NEW QUESTION 3
Which two statements about the requirements for a Cisco Hyperlocation deployment are true? (Choose two.)

A. After enabling Cisco Hyperlocation on Cisco CMX, the APs and the wireless LAN controller must be restarted.
B. NTP can be configured, but that is not recommended.
C. The Cisco Hyperlocation feature must be enabled on the wireless LAN controller and Cisco CMX.
D. The Cisco Hyperlocation feature must be enabled only on the wireless LAN controller.
E. If the Cisco CMX server is a VM, a high-end VM is needed for Cisco Hyperlocation deployments.

Answer: AC

NEW QUESTION 4
An engineer wants to configure WebEx to adjust the precedence and override the QoS profile on the WLAN. Which configuration is needed to complete this task?

A. Change the WLAN reserved bandwidth for WebEx
B. Create an AVC profile for WebEx
C. Create an ACL for WebEx
D. Change the AVC application WebEx-app-sharing to mark

Answer: B

NEW QUESTION 5
Which three properties are used for client profiling of wireless clients? (Choose three.)

A. HTTP user agent
B. DHCP
C. MAC OUI
D. hostname
E. OS version
F. IP address

Answer: ABC

NEW QUESTION 6
Which command set configures a Cisco Catalyst 9800 Series Wireless Controller so that the client traffic enters the network at the AP switch port?
A.

```
config terminal
wireless profile policy [policy name]
local switching
end
```

B.

```
config terminal
wireless flexconnect policy [policy name]
local switching
end
```


A.

```
config terminal
wireless flexconnect policy [policy name]
no central switching
end
```

B.
```
config terminal
wireless profile policy [policy name]
no central switching
end
```

Answer: B

NEW QUESTION 7

A user is trying to connect to a wireless network that is configured for WPA2-Enterprise security using a corporate laptop. The CA certificate for the authentication server has been installed on the Trusted Root Certification Authorities store on the laptop. The user has been prompted to enter the credentials multiple times, but the authentication has not succeeded. What is causing the issue?

A. There is an IEEE invalid 802.1X authentication policy on the authentication server.
B. The user Active Directory account is locked out after several failed attempts.
C. There is an invalid 802.1X authentication policy on the authenticator.
D. The laptop has not received a valid IP address from the wireless controller.

Answer: C

NEW QUESTION 8

An IT team is growing quickly and needs a solution for management device access. The solution must authenticate users from an external repository instead of the current local on the WLC, and it must also identify the user and determine what level of access users should have. Which protocol do you recommend to achieve these goals?

A. network policy server
B. RADIUS
C. TACACS+
D. LDAP

Answer: C

NEW QUESTION 9

Which two steps are needed to complete integration of the MSE to Cisco Prime Infrastructure and be able to track the location of clients/rogues on maps? (Choose two.)

A. Synchronize access points with the MSE.
B. Add the MSE to Cisco Prime Infrastructure using the CLI credentials.
C. Add the MSE to Cisco Prime Infrastructure using the Cisco Prime Infrastructure communication credentials configured during set up.
D. Apply a valid license for Wireless Intrusion Prevention System.
E. Apply a valid license for location tracking.

Answer: DE

NEW QUESTION 10

Refer to the exhibit. An engineer must connect a fork lift via a WGB to a wireless network and must authenticate the WGB certificate against the RADIUS server. Which three steps are required for this configuration? (Choose three.)
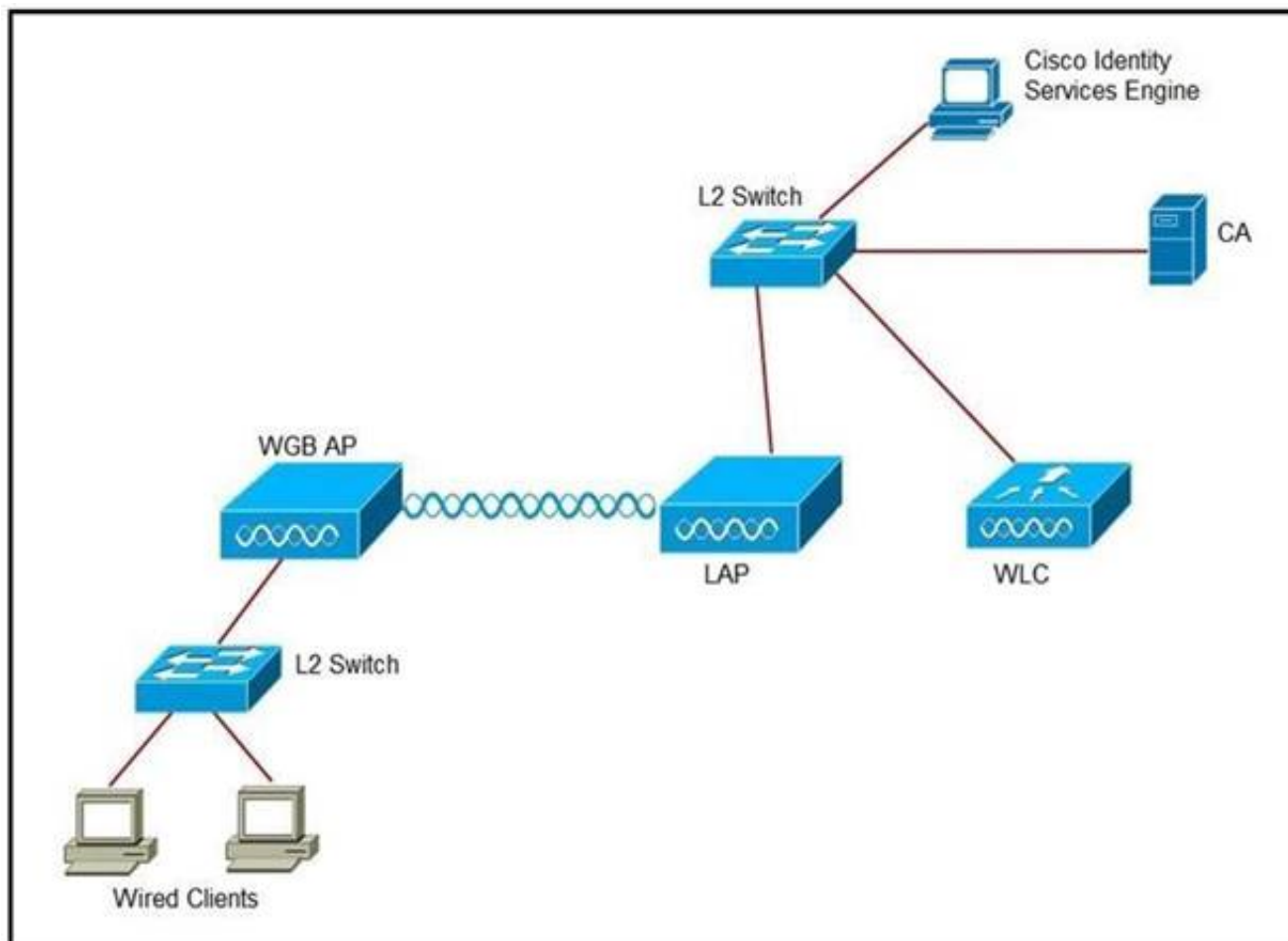
A. Configure the certificate, WLAN, and radio interface on WGB.
B. Configure the certificate on the WLC.
C. Configure WLAN to authenticate using ISE.
D. Configure the access point with the root certificate from ISE.
E. Configure WGB as a network device in ISE.
F. Configure a policy on ISE to allow devices to connect that validate the certificate.

Answer: ACF

NEW QUESTION 10
What is the default IEEE 802.1x AP authentication configuration on a Cisco Catalyst 9800 Series Wireless Controller?

A. EAP-PEAP with 802.1x port authentication
B. EAP-TLS with 802.1x port authentication
C. EAP-FAST with CAPWAP DTLS + port authentication
D. EAP-FAST with CAPWAP DTLS

Answer: C

NEW QUESTION 15
An engineer must implement rogue containment for an SSID. What is the maximum number of APs that should be used for containment?

A. 1
B. 2
C. 3
D. 4

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/wireless/technology/roguedetection_deploy/Rogue_Detection.html

NEW QUESTION 19
Which AP model of the Cisco Aironet Active Sensor is used with Cisco DNA Center?

A. 1800s
B. 3600e
C. 3800s
D. 4800i

Answer: A

NEW QUESTION 21
Refer to the exhibit. An engineer is creating an ACL to restrict some traffic to the WLC CPU. Which selection must be made from the direction drop-down list?

```
Access Control Lists > Rules > New

Sequence     [              ]

Source       [ Any        ▼]

Destination  [ Any        ▼]

Protocol     [ Any          ▼]

DSCP         [ Any        ▼]

Direction    [ Any        ▼]
             [ Any         ]
Action       [ Inbound     ]
             [ Outbound    ]
```

A. It must be Inbound because traffic goes to the WLC.
B. Packet direction has no significance; it is always Any.
C. It must be Outbound because it is traffic that is generated from the WLC.
D. To have the complete list of options, the CPU ACL must be created only by the CLI.

Answer: A

NEW QUESTION 26
During the EAP process and specifically related to the client authentication session, which encrypted key is sent from the RADIUS server to the access point?

A. WPA key
B. session key
C. encryption key
D. shared-secret key

Answer: B

NEW QUESTION 31
What is an important consideration when implementing a dual SSID design for BYOD?

A. After using the provisioning SSID, an ACL that used to make the client switch SSIDs forces the user to associate and traverse the network by MAC filtering.
B. If multiple WLCs are used, the WLAN IDs must be exact for the clients to be provisioned and traverse the network correctly.
C. SSIDs for this setup must be configured with NAC State-RADIUS NAC for the clients to authenticate with Cisco ISE, or with NAC State-ISE NAC for Cisco ISE to associate the client.
D. One SSID is for provisioning and the other SSID is for gaining access to the networ
E. The use of an ACL should not be enforced to make the client connect to the REAL SSID after provisioning.

Answer: D

NEW QUESTION 32
Which two protocols are used to communicate between the Cisco MSE and the Cisco Prime Infrastructure network management software? (Choose two.)

A. HTTPS
B. Telnet
C. SOAP
D. SSH
E. NMSP

Answer: AE

NEW QUESTION 37
Which component must be integrated with Cisco DNA Center to display the location of a client that is experiencing connectivity issues?

A. Cisco Hyperlocation Module
B. Wireless Intrusion Prevention System
C. Cisco Connected Mobile Experiences
D. Cisco Mobility Services Engine

Answer: A

NEW QUESTION 39
Which statement about the VideoStream/Multicast Direct feature is true?

A. IP multicast traffic is reliable over WLAN by default as defined by the IEEE 802.11 wireless multicast delivery mechanism.
B. Each VideoStream client acknowledges receiving a video IP multicast stream.
C. It converts the unicast frame to a multicast frame over the air.
D. It makes the delivery of the IP multicast stream less reliable over the air, but reliable over Ethernet.

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-1/configuration-guide/b_cg81/multicast_broadcast_setup.html

NEW QUESTION 40
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