QUESTION 114
An engineer must repurpose a lab WLC appliance for use in the production environment of the enterprise. After the new WLC is configured with the information of the other WLC, the mobility tunnels are still not coming up. What is the reason?

A. A firewall is blocking UDP port 16667 between the WLCs.
B. The WLC management interfaces are in the same VLAN.
C. The hardware platform is incompatible.
D. The mobility groups are different.

Answer: D

QUESTION 115
Refer to the exhibit. An enterprise has offices spread around the globe. The APs are connected to different controllers installed in separate datacenters. The IT team wants to allow clients to roam from controllers in group ABC to controllers in group XYZ.
Which feature must be incorporated in the design to accomplish this task?
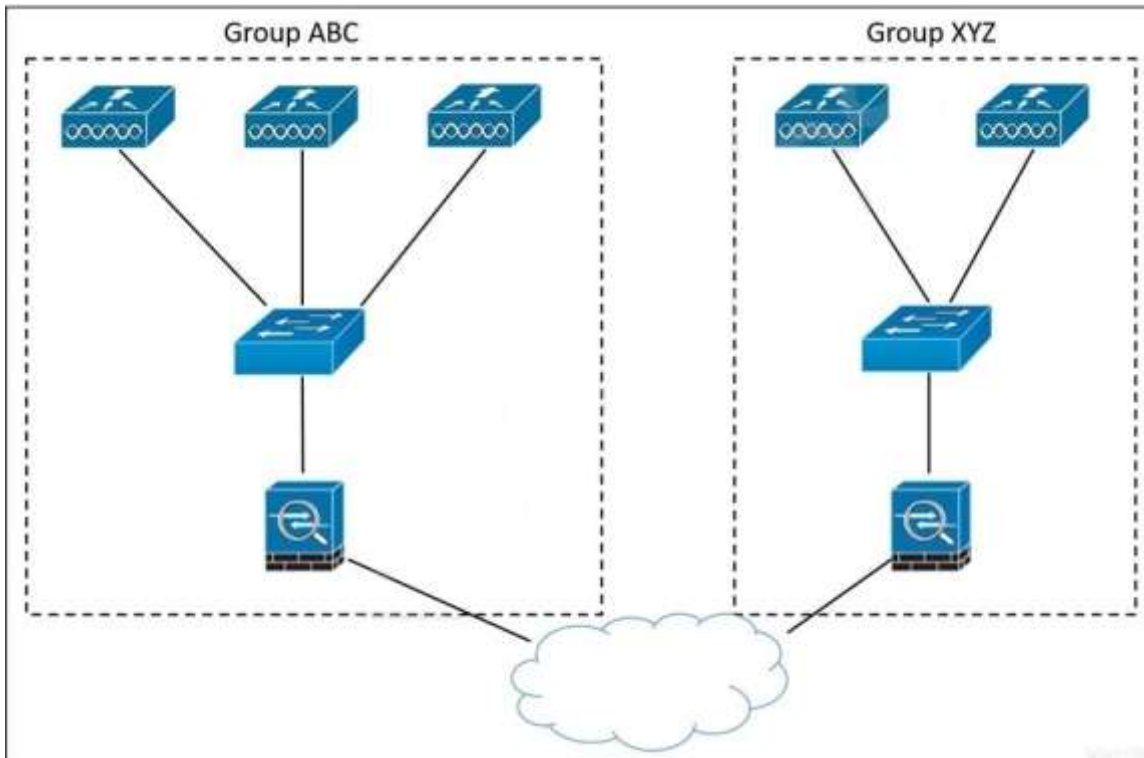
A. switch peer group
B. workgroup bridge
C. mDNS gateway
D. mobility lists

Answer: D

QUESTION 116
Refer to the exhibit. An engineer determined that during a recent controller failure, some APs did not failover to their secondary controller based on the network design, which has sufficient licenses for all APs. The controllers are not in a mobility group but have A records for their hostnames in DNS. Which setting needs to be addressed?

A. The controllers must be in the same mobility group.
B. The secondary controller IP address is incorrect.
C. DNS hostnames are required to be FQDN.
D. The AP failover priority was not set high enough.

Answer: D

QUESTION 117
A wireless engineer must design mobility between two buildings at a campus site. The engineer has one controller at each site. The engineer is investigating inter-controller CAPWAP data and control traffic.
Which two ports must be open? (Choose two.)

A. 5246
B. 5247
C. 8443
D. 16666
E. 16667

Answer: CD

QUESTION 118
An engineer has designed an anchor redundancy for guest clients connecting to SSID with auto-anchor configured. After adding a second Anchor WLC under the SSID mobility anchor list, clients are load- balanced between existing and new anchors instead of having one anchor as active and the other one as standby. Which feature should be included in the design that will be configured on the WLC running 8.1 or above to ensure anchor redundancy?

A. Auto-Anchor Foreign Mapping
B. AP groups
C. Guest Anchor Priority
D. 802.11r

Answer: C

QUESTION 119
An enterprise network administrator is asked to set up an experimental WLAN for a collaboration project with a local service provider. The WLAN must be anchored to a WLC in the service provider data center using legacy mobility mode. After the configurations are completed on the WLCs and the firewalls in the path, the data path mobility tunnel is failing to come up. What should be performed by the administrator to debug the issue?

A. Establish a Telnet connection from a local PC to the firewall on port 97.
B. Use the eping command on the WLC.
C. Establish a Telnet connection from a local PC to the firewall on port 16666.
D. Use the mping command on the WLC.

Answer: A

QUESTION 120
An engineer is configuring a centralized set of controllers for separate facilities. Which two Cisco wireless architectures must be used to ensure flexible sizing of WLAN to VLAN mappings? (Choose two.)

A. interface group
B. mobility group
C. AP group
D. controller group
E. RF group

Answer: BC

QUESTION 121
Refer to the exhibit. An engineer is about to establish a mobility peer connection between a Cisco Catalyst 9800-CL version 16.10.1e and Cisco AireOS 5520 version 8.8.120.0. The data path between the 9800-CL and AireOS 5520 is down, but its control path is up. Based on the configuration, what is the cause of the issue?

```
AireOS 5520:

config mobility group domain CCNP
config mobility group member add 00:1e:14:08:fb:ff 10.0.109.4 CCNP encrypt
enable
config mobility group member hash 10.0.109.4
dc0582ed7748ecfdb543cedd82caafa34b705a39
config mobility group member data-dtls 00:1e:14:08:fb:ff enable

IOS-XE 9800-CL

wireless mobility group name CCNP
wireless mobility mac-address 001E.E63D.CDFF
wireless mobility group member mac-address a493.4cb1.15e0 ip 10.0.100.2 public-
ip 10.0.100.2 group CCNP
```

A. The certificate hash key is incorrect leading to data path down.
B. The data-link-encryption configuration is missing from the 9800-CL configuration.
C. Encrypted mobility is being used in the 5520 configuration leading to data path down.
D. CAPS is used to key in MAC address in the IOS_XE configuration leading to data path down.

Answer: B

QUESTION 122
APs in a remote office recently have been converted from local mode to FlexConnect to take advantage of the local switching. After the change, remote wireless users report voice quality issues and bad quality on wireless IP phones while roaming. A debug is performed, and it is noticed that the 802.11r Fast Transition is not working as expected, like on local mode AP, though the same WLAN configuration is in place. What is the cause of the issue regarding the FlexConnect APs?

A. They do not support 802.11r FT.
B. They must be added into AP groups along with a common RF profile.
C. They must be in a FlexConnect group to support 802.11r FT.
D. They must be added to AP groups to support fast roaming methods.

Answer: A

QUESTION 123
An enterprise is using a Cisco AireOS controller and Wi-Fi 6 APs. The controller is installed in the head office, and the employees primarily use Apple OS devices. The APs broadcast WLAN ENT-WLAN406558520-1 for the employees and a guest WLAN with similar naming. What needs to be enabled on the controller to optimize roaming?

A. Aggregated Probe Response Optimization
B. Fast SSID Changing
C. Load Balancing Window
D. Client Timers

Answer: B