

HP

Exam Questions HPE6-A71

Scalable WLAN Design and Implementation (SWDI) 8.4



NEW QUESTION 1

An administrator wants to implement the MultiZone feature in a company's network to segregate corporate and guest traffic. Corporate traffic will have APs establish connections to a cluster managed by a Mobility Master (MM), and guest traffic will have the same APs establish connections to a standalone controller at the company's DMZ.

What is true about the implementation of MultiZones in this scenario?

- A. The MultiZone feature must be enabled in the data zone.
- B. The primary zone maintains full control of AP management and configuration.
- C. The primary and data zones must be in the same L2 subnet.
- D. A MultiZone AP can initially connect to any zone to obtain its configuration.

Answer: B

NEW QUESTION 2

An administrator supports an Aruba wireless network. The administrator configures as AAA profile referenced in a WLAN profile, where:

- > The initial role assigned in the AAA profile is logon
- > The MAC authentication default role is guest
- > The 802.1X authentication role is authenticated

ClearPass is used to verify the 802.1X user credentials. A user authenticates and is assigned the authenticated default role instead of the role assigned in the ClearPass server configuration.

What must the administrator do so that the ClearPass role is assigned to the user?

- A. Select the Server-derived roles User Role in the AAA profile.
- B. Verify the role exists on the controller.
- C. Create the Download Role from CPPM User Rule.
- D. Select the Server-derived roles in the Server Group section.

Answer: D

NEW QUESTION 3

Refer to the exhibit.

The screenshot shows the Aruba Mobility Master configuration interface. The left sidebar shows the navigation tree with 'Managed Network' selected. The main panel shows the 'Configuration' section with 'Ports' selected. A table lists the configured ports.

PORT	ADMIN...	TRUST...	POLICY	MODE	NATIVE...	ACCES...	TRUNK...	SPANN...	MONIT...
GE-0/0/0	Enabled	✓	Not-def.	access	1	70	1-4094	✓	-
GE-0/0/1	Enabled	✓	Not-def.	access	1	1	1-4094	✓	-
GE-0/0/2	Enabled	✓	Not-def.	access	1	1	1-4094	✓	-
GE-0/0/3	Enabled	✓	Not-def.	access	1	1	1-4094	✓	-
GE-0/0/4	Enabled	✓	Not-def.	access	1	1	1-4094	✓	-
GE-0/0/5	Enabled	✓	Not-def.	access	1	1	1-4094	✓	-

An administrator configures a split-tunnel policy to be used by RAPs at branch offices. Under the Configuration section on the Mobility master (MM) shown in the exhibit, where should the administrator configure the split-tunnel mode so that it can be deployed to the RAPs?

- A. WLAN
- B. Roles & Policies
- C. Access Points
- D. Services

Answer: A

NEW QUESTION 4

An administrator implements per-user tunneled node that involves ArubaOS-Switches and Aruba Mobility Controllers (MCs). What always happens when a wired client connects to the network?

- A. All switch traffic is tunneled to the controller.
- B. The switch performs user authentication.
- C. The tunnel fails unless VMCs are used.
- D. Wired users map to an AAA profile on the controller.

Answer: D

NEW QUESTION 5

An administrator at Campus A manages Aruba Mobility Controllers (MCs). The administrator defines a server group that includes a local ClearPass server and a remote Microsoft RADIUS server. The ClearPass server has the credentials for users at Campus A and the Microsoft RADIUS server has the credentials for users at Campus B. Users at Campus A successfully authenticate and connect to the Campus A wireless network. However, when users from Campus B visit Campus A they fail authentication.

What can the administrator do to solve this problem?

- A. Enable FastConnect on the Campus A Mobility Controllers.
- B. Enable machine authentication on the Mobility Controllers.
- C. Enable EAP-TTLS with EAP Termination on the Mobility Controllers.
- D. Enable EAP termination on the ClearPass server.

Answer: A

NEW QUESTION 6

An administrator creates new pre-and post-authentication roles for a new WLAN. For which profile should the administrator assign these new roles under the Managed Network section?

- A. Server Groups
- B. Virtual AP
- C. 802.1X
- D. AAA profile

Answer: D

NEW QUESTION 7

An administrator wants to implement 802.1X authentication on Ethernet ports on branch office controllers. What must the administrator do to implement this policy?

- A. Define the port as untrusted, and assign an AAA policy to the port.
- B. Define the port as trusted, and assign an AAA policy to the port.
- C. Define the port as untrusted, and assign an AAA policy to the VLAN.
- D. Define the port as trusted, and assign an AAA policy to the VLAN.

Answer: A

NEW QUESTION 8

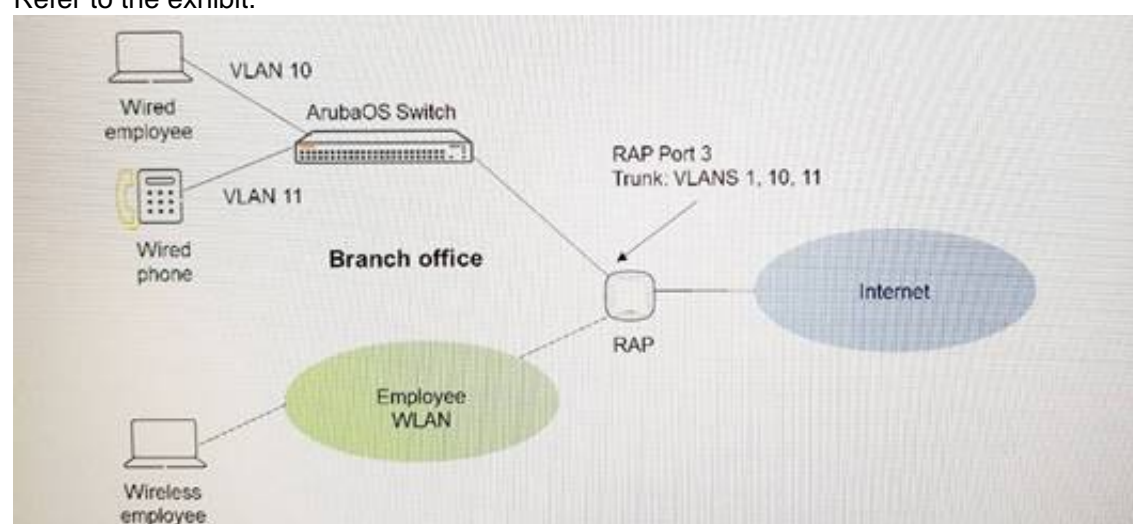
An administrator creates a mesh cluster profile and has defined the RF band and cluster name. What else must the administrator configure in the profile?

- A. IPSec
- B. CPsec
- C. WPA hexkey or passphrase
- D. Mesh portal IP address(es)

Answer: C

NEW QUESTION 9

Refer to the exhibit.



An administrator configures a policy for an AP Group. Port 3 of a RAP is a trunk that connects to a switch at a branch office. VLAN 1 is untagged and VLANs 10 (for data) and 11 (for voice) are tagged. The administrator applies an ACL inbound on Port 3 of the RAP. How does this configuration affect traffic on Port 3?

- A. It filters traffic from VLAN 10 and 11, but allows traffic from VLAN1.
- B. It filters traffic form VLAN 1, but allows traffic from VLANs 10 and 11.
- C. It allows all traffic form VLANs 1, 10, and 11.
- D. It filters traffic from VLANs 1, 10, and 11.

Answer: D

NEW QUESTION 10

IEEE 802.11r relies on which technology to reduce re-authentication delays when clients roam between APs?

- A. Fast BSS Transition
- B. Temporal Key Integrity
- C. Robust Security Network
- D. Opportunistic Key Caching

Answer: A

NEW QUESTION 10

An administrator implements a standalone controller that runs ArubaOS 8.x. Which feature should the administrator configure to optimize the RF operation for the company's WLAN?

- A. AirMatch
- B. Clustering
- C. ARM
- D. Zones

Answer: C

NEW QUESTION 12

An administrator deploys an Aruba Mobility Controller 7005 to a branch office. The administrator accidentally disables the console port on the controller. Which controller command should the administrator use to re-enable the console part?

- A. mgmt-user console
- B. console enable
- C. console reset
- D. no mgmt-user console-block

Answer: D

NEW QUESTION 17

An administrator supports an Aruba wireless solution that uses ClearPass to implement server role assignment. A user reports that they are not able to access the correct department resources. The administrator determines from the connected controller that the user is associated to the login user profile instead of the department user profile.

What should the administrator examine on the ClearPass server to determine the Aruba VSA User Role value that ClearPass returns to the controller?

- A. Accounting
- B. Event Viewer
- C. Audit Viewer
- D. Access Tracker

Answer: D

NEW QUESTION 21

An administrator stages an AP and re-provisions it as a RAP from the Mobility Master (MM). When re-provisioning the RAP, the administrator must enter a user's credentials. What is the purpose of these credentials?

- A. to authenticate users on wired and wireless ports
- B. to authenticate the RAP device
- C. to authenticate users on wireless ports
- D. to authenticate users on wired ports

Answer: B

NEW QUESTION 24

Which Aruba Mobility Controller (MC) command should an administrator execute to determine whether an ArubaOS-Switch successfully registers to an MC?

- A. show port-access clients
- B. show crypto ipsec sa
- C. show tunneled-node-server state
- D. show datapath tunnel

Answer: D

NEW QUESTION 27

An administrator wants to change the default roles for the pre- and post-authentication user roles for a WLAN on a Mobility Master (MM). The controllers in the network perform all authentication.

Under the Managed Network hierarchy, where can the administrator assign these roles?

- A. AAA Profiles
- B. VLAN
- C. RADIUS attributes
- D. AAA Server Group

Answer: A

Explanation:

References:

In the WebUI1. Navigate to the Configuration > Security > Authentication > AAA Profiles page.2. Select the default profile or a user-defined AAA profile.3. Click the Initial Role drop-down list, and select the desired user role for unauthenticated users.4. Click the 802.1x Authentication Default Role drop-down list and select the desired user role for users who have completed 802.1x authentication.5. Click the MAC Authentication Default Role drop-down list and select the desired user role for clients who have completed MAC authentication.6. Click Apply.

NEW QUESTION 31

Which protocol is used between Aruba Mobility Controllers (MC) and ArubaOS-Switches to negotiate tunneled node?

- A. GRE
- B. IPSec
- C. SNMP
- D. PAPI

Answer: D

NEW QUESTION 35

An administrator defines credentials in the Mobility Master> Configuration> System section to configure a Mobility Master (MM). The administrator then accesses AirWave and adds the MM in Monitor-Only mode. The administrator expects AirWave to automatically discover the Aruba Virtual Mobility Controllers (VMCs) also managed by the MM, but does not see these under APs/Devices> New section in AirWave.

What should the administrator do to solve this problem?

- A. Enable Automatic Device Authorization for the Group the Mobility Master belongs to in AirWave.
- B. Define AirWave communication parameters for the Virtual Mobility Controllers on the Mobility Master, and then scan for the Virtual Mobility Controllers in AirWave.
- C. Define the AirWave communication parameters on the Virtual Mobility Controllers, and then scan for the Virtual Mobility Controllers in AirWave.
- D. Define AirWave communication parameters for the Virtual Mobility Controllers on the Mobility Master, and have AirWave repoll the Mobility Master.

Answer: D

NEW QUESTION 36

An administrator wants to dynamically upgrade AppRF on Aruba Mobility Controllers (MC) in a cluster. The administrator does not want to reboot the system at the time of the upgrade.

What should the administrator use for this upgrade?

- A. Aruba image
- B. Upgrade Profiles
- C. Loadable Service Module (LSM)
- D. Cluster Upgrade Manager

Answer: C

NEW QUESTION 39

Which license type must an administrator purchase to use Spectrum Monitoring?

- A. RFP
- B. VMC
- C. PEFV
- D. PEFNG

Answer: A

NEW QUESTION 43

An administrator enables AP load balancing for a cluster of Mobility Controllers (MCs). APs connected to the cluster have an LMS IP address configured in their AP Group configuration. No other parameters are changed in the cluster.

If the two load AP thresholds are reached, what occurs?

- A. The APs are rebalanced across the cluster.
- B. The APs always stay connected to the LMS IP address configured in the AP Group profile.
- C. The users are rebalanced across the cluster.
- D. The users and APs are rebalanced across the cluster.

Answer: D

NEW QUESTION 44

In a VPN that uses certificate-based authentication, which component must be configured on the Mobility Master (MM) to allow a RAP to successfully connect to a Mobility Controller (MC)?

- A. RAP VPN username and password
- B. WLAN and new RAP group
- C. RAP IPSec pre-shared key
- D. RAP whitelist

Answer: D

NEW QUESTION 48

Which forwarding mode is used for a WLAN if a RAP needs to decrypt all user traffic and forward it locally?

- A. Split-tunnel
- B. Bridge
- C. Tunnel
- D. Decrypt-tunnel

Answer: B

NEW QUESTION 51

A guest establishes an authenticated wireless session to an Aruba Mobility Controller (MC). The controller uses a ClearPass server for all AAA functions. Which AAA component disconnects the user when the guest exceeds their allowed duration?

- A. RADIUS Change of Authorization
- B. Active Directory Session Limits
- C. RADIUS Authorization Profile
- D. SNMP Disconnect

Answer: A

NEW QUESTION 55

An administrator wants to deploy Zero Touch Provisioning (ZTP) with Activate. The controllers run ArubaOS.8.x. Which Aruba architecture should the administrator deploy?

- A. Master-Local
- B. Standalone
- C. AirWave
- D. Mobility Master-Mobility Controller

Answer: D

NEW QUESTION 58

An administrator wants to temporarily deny login access who fail 802.1x authentication functions three or more times. Which process will the administrator need to configure?

- A. EAP termination
- B. blacklisting
- C. captive portal
- D. fail through

Answer: B

NEW QUESTION 59

An AP connects to a controller. Then, the AP loses power and reboots. Which parameters will the AP remember and use from its initial connection? (Select two.)

- A. AP group
- B. Server IP
- C. AP IP address and subnet mask
- D. Mobility Master IP
- E. AirWave server name

Answer: AB

NEW QUESTION 61

An administrator has multiple AAA servers, some Microsoft RADIUS and some ClearPass. When 802.1X users authenticate, the administrator wants to ensure that the authentication requests are handled by the appropriate AAA server. Users enter their username in this format: username@domain_name. What must the administrator implement to ensure the correct AAA server processes the authentication request?

- A. server matching rules for the VAP profile
- B. server matching rules for the server group
- C. server matching rules for the AAA profile
- D. server matching rules for the 802.1X profile

Answer: B

NEW QUESTION 63

An administrator needs to authenticate users connected to an ArubaOS-Switch. The Aruba Mobility Controller (MC) authenticates the user and assigns user roles to wired users. Which mode should the administrator configure on the MC?

- A. Per-user tunneled node
- B. Per-port tunneled node
- C. VLAN tunneled node
- D. Split-tunneled node

Answer: B

NEW QUESTION 65

An administrator suspects that the network drops frames between a wireless client and an Aruba Mobility Controller (MC). The administrator wants to examine the frames between the AP and the controller to determine if any frames are missing. Which solution allows the administrator to use a protocol analyzer to examine the contents of the 802.11 frames between the AP and controller?

- A. Implement bridge mode
- B. Implement decrypt-tunnel mode.

- C. Implement GRE mode.
- D. Implement split-tunnel mode.

Answer: B

NEW QUESTION 68

On the Aruba Mobility Master (MM), when is an AP configured to act as Mesh Portal or Mesh Point?

- A. when the mesh cluster profile is created
- B. at the time of the AP's apboot mode CLI
- C. when the APs are provisioned
- D. when the mesh radio profile is created

Answer: C

Explanation:

Configure the Mesh Role: To configure the AP as the mesh portal, select Mesh Portal. To configure the AP as a mesh point, select Mesh Point

NEW QUESTION 73

A group of users on the same floor of a campus residence experience connectivity problems continuously throughout the morning. The administrator suspects that it is a L1 problem with physical interference.

What can the administrator do to find the cause of this problem?

- A. Access a controller's spectrum analysis data directly from AirWave with Quick Links.
- B. Access RAPIDS data from AirWave's RAPIDS section.
- C. Access RAPIDS data from AirWave's dashboards, under Home.
- D. Access a controller's spectrum analysis data from AirWave's dashboards, under Home.

Answer: A

NEW QUESTION 76

An administrator currently manages an L2 cluster with Aruba Mobility Controllers (MCs) that run ArubaOS 8.x. What happens when the administrator enables AP load balancing?

- A. AP load balancing occurs when the rebalance and unbalance thresholds are met.
- B. Users must re-authenticate if they are moved from one controller to another because load balancing is performed.
- C. Balancing of users is based on a hash of their IP address.
- D. AP load balancing is triggered based on the amount of user traffic that users generate.

Answer: A

NEW QUESTION 77

An administrator configures the MultiZone feature for a company network, where a mobility cluster is the primary zone and a standalone controller in the company's DMZ represents a secondary data zone. The administrator configures two AP Groups and respective VAPs for the zones on the Mobility Master (MM) in the primary zone. When the APs boot up and establish connections to both zones, the administrator notices that no data connections are established to the data zone.

What must the administrator do to fix this problem?

- A. Configure the same AP Groups and VAPs on the standalone controller, and associate the MultiZone APs to both groups.
- B. Configure the same AP Group in the data zone as it is in the primary zone, and configure the VAPs in the data zone.
- C. Have the MultiZone APs initially boot from the standalone controller in the data zone.
- D. Create different AP groups and VAPs on the Mobility Master and standalone controllers, and associate the MultiZone APs to both groups.

Answer: B

NEW QUESTION 81

An administrator implements a ClearPass solution to authenticate Aruba wireless users. The Aruba wireless solution is an ArubaOS 8.x Mobility Master (MM) deployment. ClearPass sends an Aruba VSA role name for an authenticated user. However, the administrator notices that the role assigned to the user is different from the one assigned by the ClearPass server.

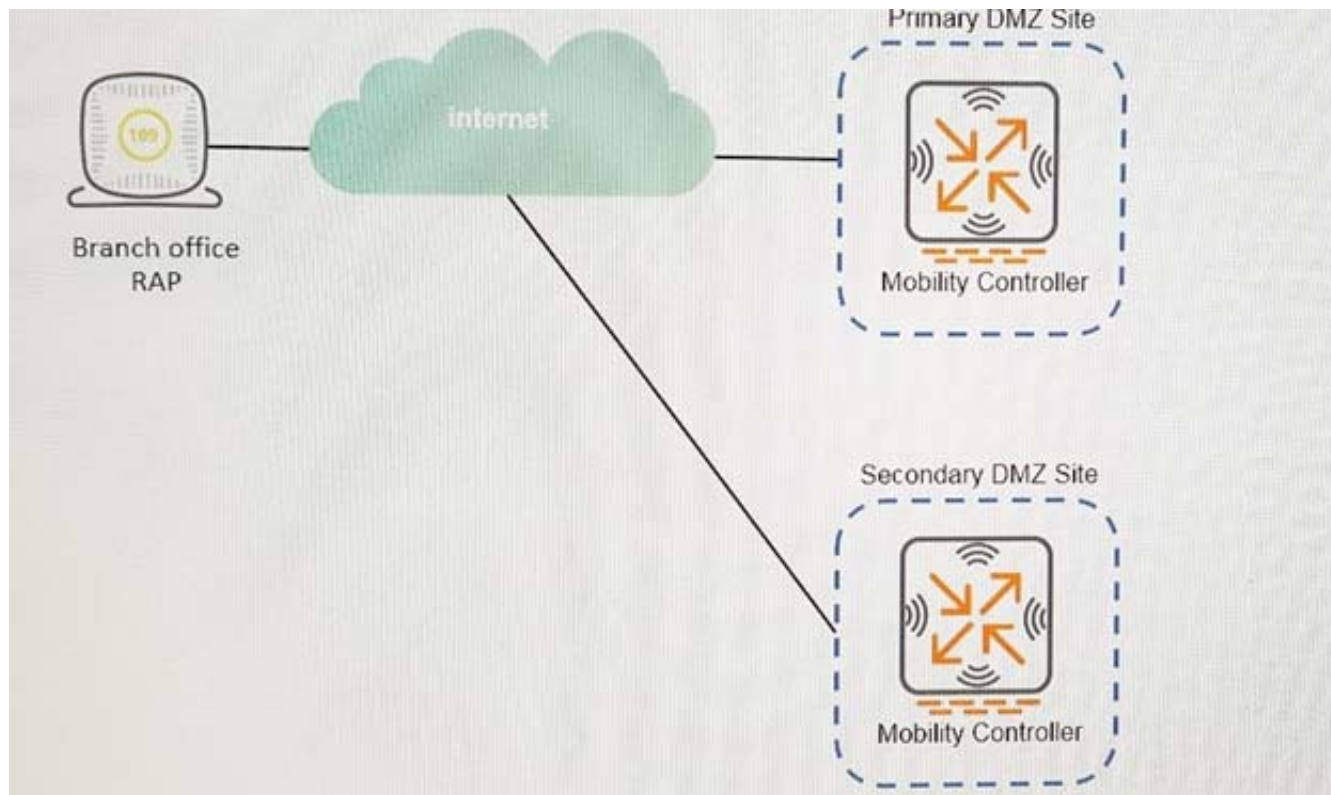
Which two items should the administrator verify that might be the cause of this problem? (Choose two.)

- A. Enablement of user roles on the controller
- B. Spelling of the role on the ClearPass server
- C. Server-derived role assignment on the ClearPass server
- D. Role existence on the Managed Network
- E. Order assignment that the controller uses to select a user role

Answer: BD

NEW QUESTION 84

Refer to the exhibit.



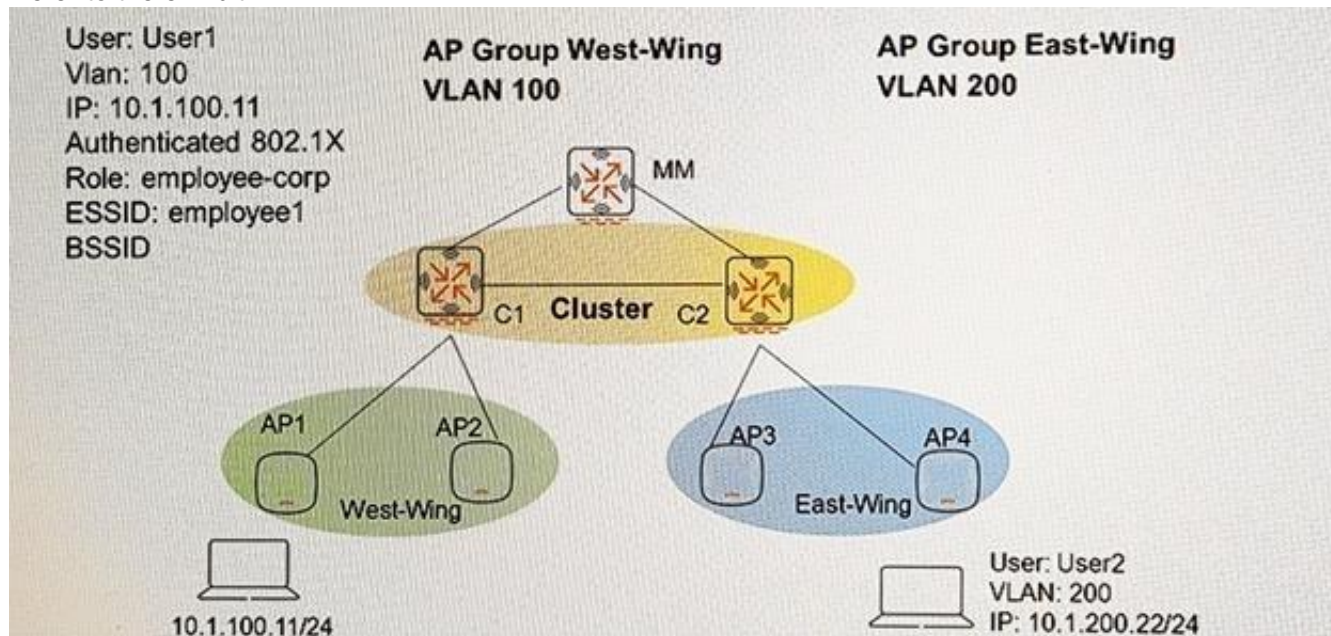
An administrator supports a RAP at a branch office shown in the exhibit. The company has one Mobility Controller (MC) at the Primary DMZ site and one at the Secondary DMZ site. The RAP is configured to connect to only the MC at the Primary DMZ site. A network outage with the ISP at the Primary DMZ site causes the RAP to reboot. Upon reboot, the RAP cannot build a tunnel to the Secondary DMZ site MC because the administrator forgot to add the Second LMS IP address to the AP Group configuration. Once the RAP can successfully connect, the administrator can add the Secondary DMZ MC as a backup LMS to fix the AP Group. What should the administrator implement to allow the RAP to connect to the MC at the Secondary DMZ site while the outage at the primary site persists?

- A. Dynamic discovery through DHCP Option 43
- B. Static configuration from apboot mode
- C. Dynamic discovery through DHCP Option 60
- D. Dynamic discovery through multicast ADP

Answer: B

NEW QUESTION 88

Refer to the exhibit.



Controllers are configured in a cluster as shown in the exhibit. These are the network details.

- A Mobility Master (MM) manages the cluster.
- The cluster contains two controllers: C1 and C2.
- AP1 and AP2 use C1 as their Active AP Anchor Controller (A-AAC), with C2 as their Standby AAC (S-AAC).
- AP3 and AP4 use C2 as their A-AAC with, C1 as their S-AAC.

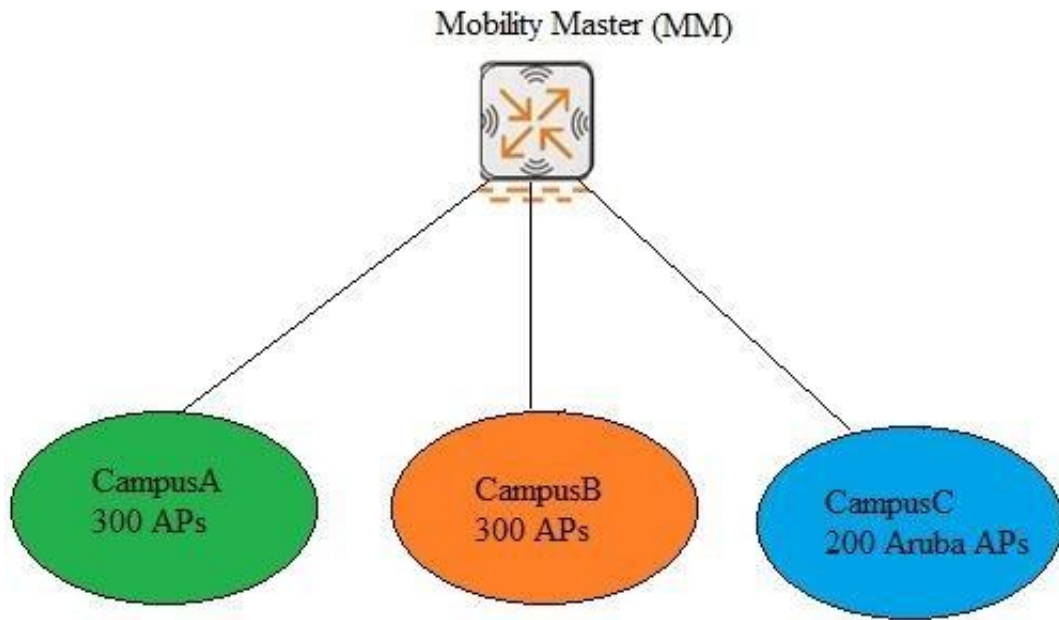
User1 establishes a wireless connection via AP1, where the Active User Controller (U-UAC) assigned is C1, with C2 as the standby. What happens when User1 roams the wireless network and eventually their session is handled by AP3?

- A. The AP3's A-AAC switches to C1, and the user's A-UAC remains on C1.
- B. The AP3's A-AAC switches to C2, and the user's A-UAC remains on C2.
- C. The AP3's A-AAC switches to C1, and the user's A-UAC remains on C2.
- D. The AP3's A-AAC switches to C2, and the user's A-UAC remains on C1.

Answer: D

NEW QUESTION 91

Refer to the exhibit.



An administrator implements AP licensing on a Mobility Master (MM). Network engineers at CampusA want to deploy an additional 100 APs. Currently all of the AP licenses in CampusA and CampusB are allocated, but only 200 of the AP licenses in CampusC are allocated.

- Each campus is responsible to purchase its own AP licenses.
- There are 900 AP licenses deployed in the global pool.
- There are three dedicated pools.
- From the global pool, 300 AP licenses are assigned to each dedicated pool.

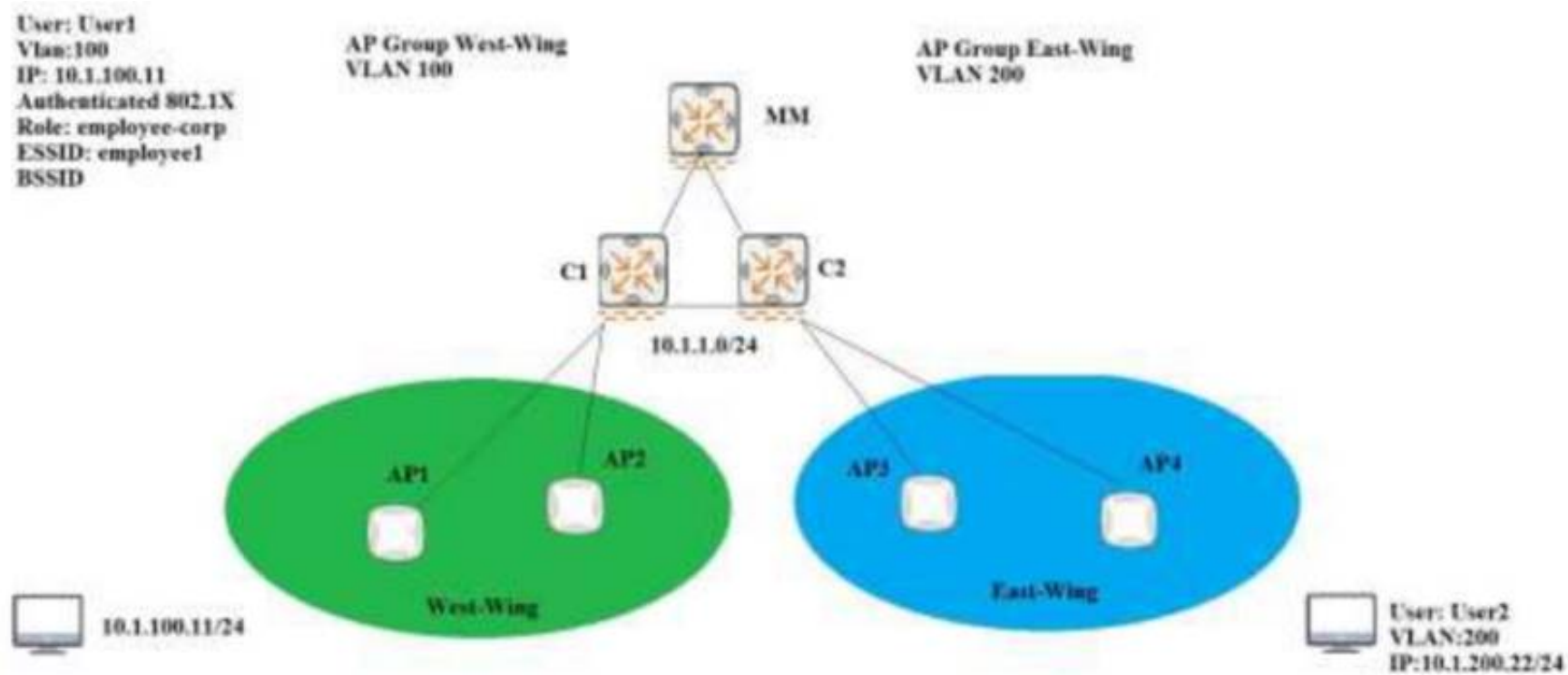
What can the administrator do to add capacity for CampusA in alignment with campus policies?

- A. Allow CampusA to share from the CampusC pool.
- B. Add 100 more AP licenses and assign them to the CampusA pool.
- C. Move 100 licenses from the CampusC pool to the global pool.
- D. Add 100 more AP licenses to the global pool.

Answer: C

NEW QUESTION 94

Refer to the exhibit.



Two Aruba Mobility Controllers (MC) are managed by a Mobility Master (MM) in a non-cluster deployment as shown in the exhibit.

- The C1 controller is connected to AP1 and AP2.
- The C2 controller is connected to AP3 and AP4.
- VLAN mobility is enabled in the VAPs of both AP Groups.
- Both C1 and C2 support the same VLANs.
- User1's wireless device supports BSS Fast Transitioning and is currently connected to AP1.

What happens if User1 roams across the network and the user's device associates to AP3?

- A. User1's traffic is terminated on the C2 controller, and they will have to re-authenticate and re-obtain a new IP address.
- B. User1's traffic is terminated on the C2 controller, and they will not have to re-authenticate but will need to obtain a new IP address.
- C. User1's traffic is terminated on the C2 controller, and they will have to re-authenticate and can keep their original IP address.
- D. User1's traffic is tunneled to the C1 controller, where they will not have to re-authenticate and can keep their original IP address.

Answer: D

NEW QUESTION 98

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

HPE6-A71 Practice Exam Features:

- * HPE6-A71 Questions and Answers Updated Frequently
- * HPE6-A71 Practice Questions Verified by Expert Senior Certified Staff
- * HPE6-A71 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * HPE6-A71 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The HPE6-A71 Practice Test Here](#)