

HP.Premium.HPE6-A44.by.VCEplus.161q

Number: HPE6-A44 VCEplus
Passing Score: 800
Time Limit: 120 min
File Version: 3.4



Exam Code: HPE6-A44

Exam Name: Scalable WLAN Design and Implementation (SWDI) 8

Certification Provider: HP

Corresponding Certification: ACMP V8

Website: www.vceplus.com

Free Exam: <https://vceplus.com/exam-hpe6-a44/>

Questions & Answers Exam Engine is rigorously checked before being put up for sale. We make sure there is nothing irrelevant in HPE6-A44 exam products and you get latest questions. We strive to deliver the best HPE6-A44 exam product for top grades in your first attempt.

Website: <https://vceplus.com>

VCE to PDF Converter: <https://vceplus.com/vce-to-pdf/>

Facebook: <https://www.facebook.com/VCE.For.All.VN/>

Twitter : https://twitter.com/VCE_Plus

QUESTION 1

An administrator adds local administrative accounts to manage the Aruba Mobility Controllers (MCs). Which role should be assigned to an administrator who needs to only generate reports and monitor WLANS and ports?

- A. Location-api-management
- B. Network-operations
- C. Root
- D. AP-provisioning

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Refer to the exhibit.



Last synchronization time: Thu Apr 13 07:42:48 2017
To Master Switch at 10.254.10.101: succeeded
WMS Database backup file size: 39121 bytes
Local User Database backup file size: 29694 bytes
Global AP Database backup file size: 13375 bytes
IAP Database backup file size: 3750 bytes
Airgroup Database backup file size: 3052 bytes
License Database backup file size: 5358 bytes
CPSec Database backup file size: 3224 bytes
Bocmgr Database backup file size: 6016 bytes
Synchronization took 1 second

1 synchronization attempted
0 synchronization have failed
Periodic synchronization is enabled and runs every 60 minutes
Synchronization doesn't include Captive Portal Custom data
Airmatch database gets synchronized periodically. Last synchronization time:
2017-04-13 07:22:2019:20:24

What can be determined from the command output shown in the exhibit?

- A. The synchronized data is protected by VRRP.
- B. The command was executed on the standby Mobility Master (MM).
- C. The synchronization period is at its default value.
- D. The other Mobility Master (MM) is the active license server.

Correct Answer: D

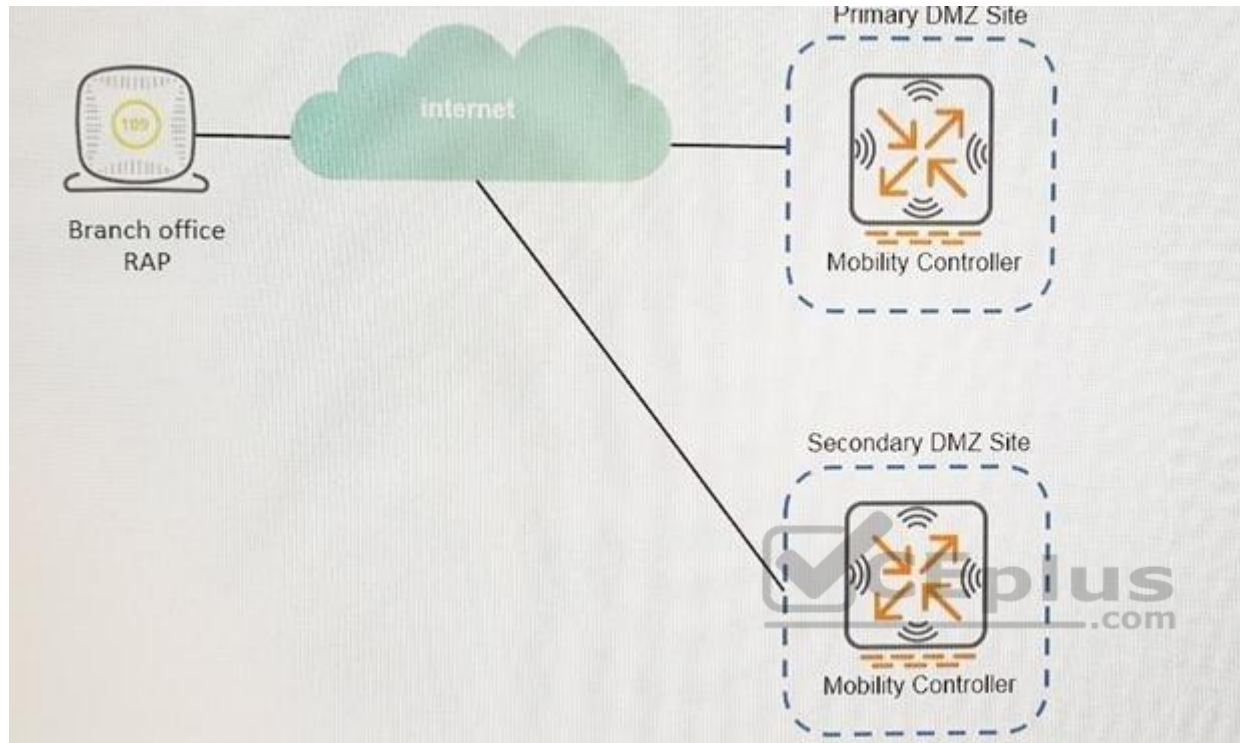
Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

An administrator supports a cluster of four Aruba Mobility Controllers (MCs) with management addresses of 10.1.100.101, 10.1.100.102, 10.1.100.103, and 10.1.202.181. The administrator accesses an AP associated with this cluster, reboots it and accesses apboot mode. The administrator executes the printenv command. Which AP parameter contains the IP addresses of the cluster members that the AP should use to connect to the cluster?

- A. Nodelist
- B. Servername
- C. Master_ip
- D. Cfg_lms

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 5

A VIA client tries to initially connect to corporate office controller through an intermediate firewall. However, the VPN connection fails. The administrator examines the firewall rules and determines that rules for UDP 4500 and UDP 500 are configured. Which additional protocol must be allowed in the firewall rules to resolve this connection failure?

- A. TCP 22
- B. TCP 443
- C. UDP 8200
- D. ESP

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

An administrator has a cluster of Aruba Mobility Controllers (MCs). The administrator wants to manually reboot one of the controllers. Before rebooting, which command should the administrator use to move the APs?

- A. apmove
- B. lc-cluster move ap
- C. active-ap-rebalance
- D. active-ap-lb

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

Which Aruba Unified Communications and Collaboration (UCC) deployment mode should be used when UCC is disabled on the Mobility Controllers (MCs)?

- A. Heuristics mode
- B. WMM mode
- C. ALG mode
- D. SDN-API mode

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

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

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Refer to the exhibit.



```
hostname "swdi-3810-2"  
module 1 type j1073x  
console idle-timeout 600  
console serial-usb 600  
ip routing  
tunneled-node-server  
    controller-ip 10.1.20.100  
    exit  
interface 1  
    disable  
    exit  
interface 20  
    name "Wireless Client NIC"  
    tunneled-node-server  
    exit  
interface 21  
    disable  
    tunneled-node-server  
    exit  
vlan 23  
    name "VLAN23"  
    untagged 20-21  
    no ip address  
exit
```



What is true about the configuration shown in the exhibit?

- A. This is an ArubaOS-Switch configured for per-user tunneled node.
- B. This is an ArubaOS controller configured for per-user tunneled node.
- C. This is an ArubaOS-Switch configured for per-port tunneled node.
- D. This is an ArubaOS controller configured for per-user tunneled node.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

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

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



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://community.arubanetworks.com/t5/Wireless-Access/license-requirements-air-monitor-spectrum-monitor/td-p/243832>

QUESTION 11

A company opens a new branch office and a RAP is used to connect to a corporate office Aruba Mobility Controller (MC). The company needs to provide connectivity to the office across the street. There is an AP across the street. However, there is no wired connectivity between the buildings.

Which actions can the administrator select to provide the required connectivity? (Choose two.)

- A. Provision all Aps at the branch office as Mesh Points.
- B. Provision all Aps at the branch offices as Mash Portals.
- C. Implement one of the Aps as a Mesh Point.
- D. Provision the RAP as a Mesh Portal.
- E. Implement two mesh clusters.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A customer uses an SIP application that is not supported by Aruba United Communications and Collaboration (UCC). Which voice deployment mode should the administrator implement on Aruba Mobility Controllers (MCs) to support this application?

- A. Heuristic mode
- B. SDN-API mode
- C. QoS-mode
- D. WMM-only mode

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 13

A company has a wireless network that contains a cluster of four Aruba 7030 Mobility Controllers (MC) managed by a Mobility Master (MM) located in the data center. The company has Aps deployed that are nearing the capacity of the cluster. The administrator wants to increase AP capacity. How can the administrator solve the problem?

- A. Add a new controller to the Mobility Master.
- B. Add a Virtual Mobility Controller to the existing cluster.
- C. Add a 7030 controller to the existing cluster.
- D. Add a 7220 controller to the existing cluster.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

An Administrator supports a group of employees that connect to the corporate office using the VIA client. An Aruba Mobility Controller (MC), behind a corporate firewall, terminates the user's VPN sessions. The VPN sessions fail to establish because of the existing firewall rules. Which connections must the administrator allow on the firewall? (Choose three.)

- A. UDP 8202
- B. UDP 4500
- C. UDP 8211
- D. TCP 4443
- E. TCP 443
- F. UDP 500

Correct Answer: ABE


Section: (none)

Explanation

Explanation/Reference:

**QUESTION 15**

Refer to the exhibit.


 This Device is in monitor-only mode.

Device Info

Status: Down (ICMP ping failed (after SNMP get failed))

Configuration:	Mismatched (The settings on the device do not match the desired configuration policy.)		
Firmware:	6.4.2.3_47524		
Upstream Device:	-	Upstream Port:	-
Controller Role:	Local	Master Controller:	7030-East
Type:	Aruba 7030	Last Contacted:	7/5/2016 6:37 PM EDT
LAN MAC Address:	00:0B:86:B6:13:17	Serial:	CR0006372
Location:	-	Contact:	-
IP Address:	10.2.70.101	APs:	0
VPN Sessions:	-	VPN Usage:	-

Quick Links:

[Open controller web UI...](#)


Under which AirWave Management Platform (AMP) section should an administrator navigate to see the connection status between the AMP and managed device shown in the exhibit?

- A. Folders
- B. Aps/Devices
- C. VisualRF
- D. Device Setup

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

An administrator troubleshoots a roaming problem where a user loses connectivity to the network during the roaming process. To help troubleshooting this problem, which device or devices in a wireless network initiates the roaming process?

- A. Both the client and the controller
- B. The AP
- C. The Client
- D. The Controller

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

An administrator wants to reduce downtime of the wireless network when controllers are upgraded. Which Aruba OS feature should the administrator implement to reduce the amount of downtime the Aps will experience at the time of the upgrade process?

- A. Centralized upgrades
- B. AP apboot mode bypass
- C. AP fast start
- D. AP image preload



Correct Answer: A

Section: (none)

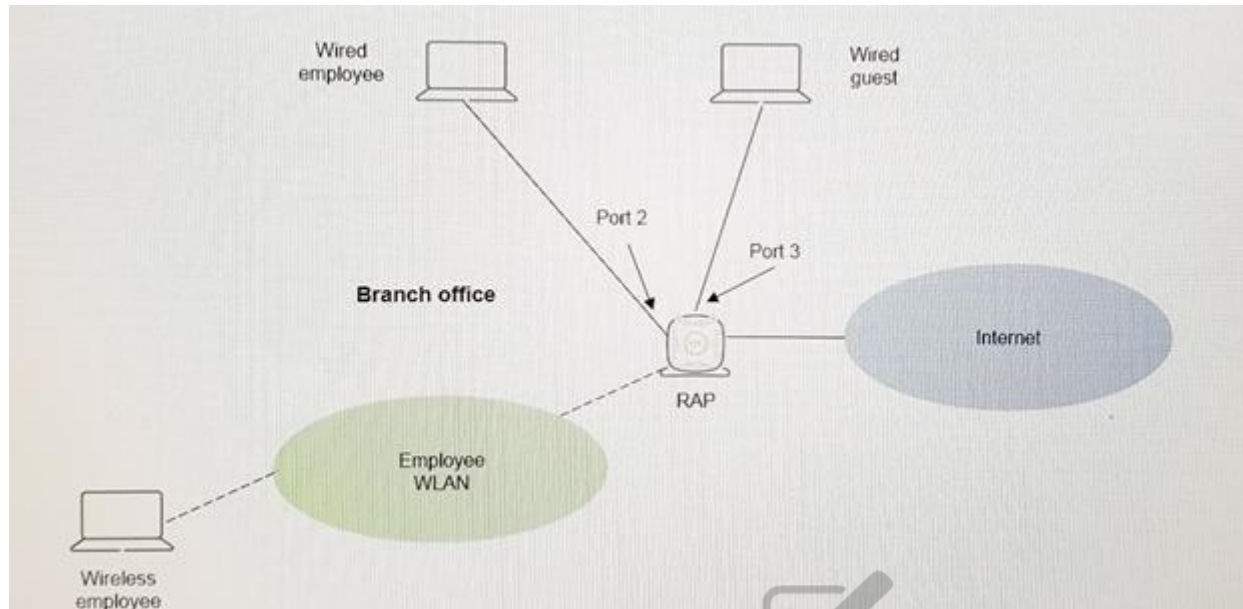
Explanation

Explanation/Reference:

Reference: <http://community.arubanetworks.com/t5/Wireless-Access/Firmware-Upgrade-Best-Practise/td-p/93516>

QUESTION 20

Refer to the exhibit.



The branch office RAP shown in the exhibit provides secure wireless employee access. Because of security concerns, the company's security policy does not allow wireless guest access. Some customers that visit the Branch office need Internet access. A RAP's Ethernet Port 3 is used for wired guest access and Port 2 is used for wired employee access. When employees connect to Port 2, they are authenticated successfully and split-tunnel policy allows them access to both corporate and Internet resources from the Branch office. Guest users, however, cannot access Internet resources on Port 3. How can the administrator provide guest users internet access?

- A. Implement ClientMatch to handle the employee and guest user traffic correctly.
- B. Implement the MultiZone feature on the RAP.
- C. Configure a bridge role for the wired RAP port.
- D. Create a guest VAP that allows wired RAP port access.

Correct Answer: D

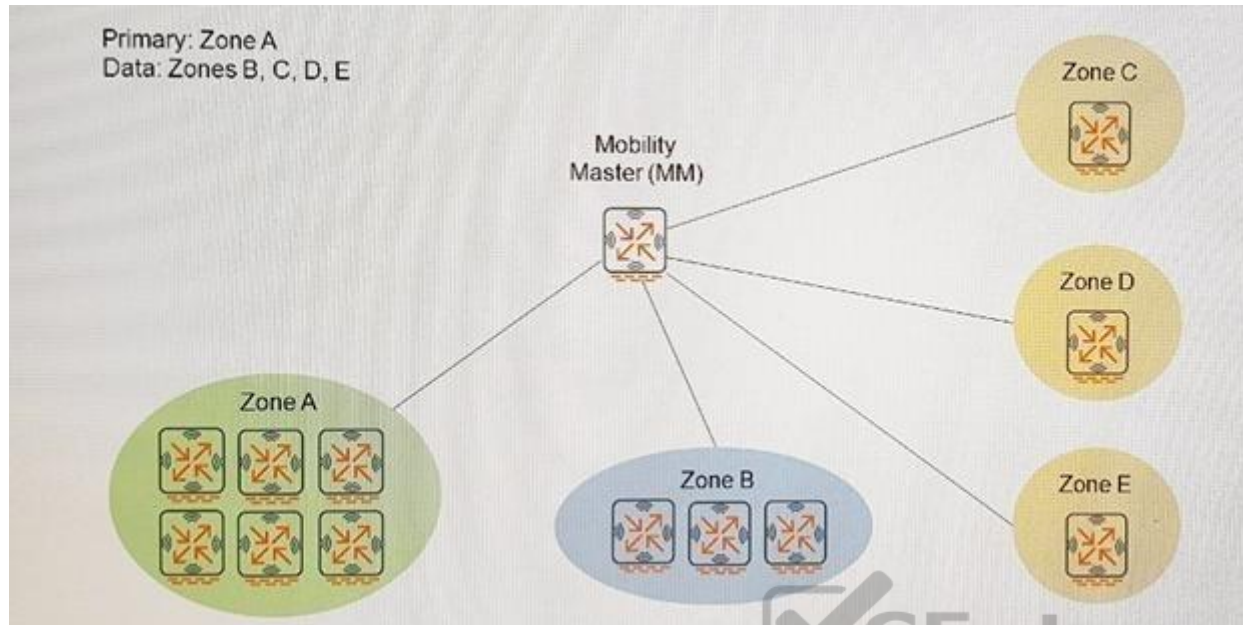
Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Refer to the exhibit.



An administrator implements the MultiZone feature. The administrator sets up five zones as shown in the exhibit in this configuration:

- Zone A has six controllers that form a cluster.
- Zone B has three controllers that form a cluster.
- Zones C, D, and E have a single standalone controller each.

A total of 13 VAPs are created across the five zones, Aruba Mobility Controllers (MCs) in Zones A, B and C run ArubaOS 8.1.0.1 MCs in zones D and E run ArubaOS 8.1.0.2. Some APs do not join their respective data zones. What could cause this problem?

- A. The number of controllers exceeds the maximum for MultiZone.
- B. The MCs run different versions of the ArubaOS code.
- C. The number of zones exceeds the maximum for MultiZone.
- D. The number of VAPs exceeds the maximum for MultiZone.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

In the WebUI of an Aruba Mobility Controller (MC), where can an administrator generate a tech support file that the Aruba Technical Support team can use to help customers?

- A. Diagnostics> Technical Support> System Information
- B. Maintenance> Copy logs> download logs
- C. Configuration> System> Logging
- D. Diagnostics>Technical Support> Copy Logs

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://community.arubanetworks.com/t5/Controller-Based-WLANs/How-do-I-generate-logs-tar-with-tech-support-information/ta-p/178198>

QUESTION 24

A Microsoft RADIUS server is used to centralize AAA functions by a company. Upon a successful authentication lookup performed by an Aruba Mobility Controller (MC), the administrator wants to have the RADIUS server pass back the correct post-authentication role name that the controller should apply to the user's traffic. Which additional task must the administrator perform for the controller's configuration to implement this process?

- A. Install ClearPass's VSA file on the controller.
- B. Install Microsoft's VSA file on the controller.
- C. Configure the server-derived rules on the controller.
- D. Enable AAA on the controller.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

An administrator needs to support Unified Communications and Collaboration (UCC) in a company's network. The network infrastructure requires the OpenFlow protocol to support SDN-capable applications. Which controller topology meets these requirements?

- A. Zones
- B. Standalone Mobility Controller
- C. Mobility Master-Mobility Controller
- D. Master_Local



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Refer to the exhibit.

Cluster Load Distribution for Aps

Type	IPV4 Address	Active Aps	Standby Aps
peer	10.1.10.101	131	176
peer	10.1.10.102	153	142
self	10.1.10.100	204	103
peer	10.1.10.103	112	179
Total: Active Aps 600 Standby Aps 600			

An administrator sets up a cluster of Aruba Mobility Controllers (MCs). What can the administrator determine about the cluster from the command output shown in the exhibit?

- A. AP load balancing is enabled.
- B. User load balancing is enabled.
- C. This is an L2-connected cluster.
- D. This is an L3-connected cluster.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Section: (none)

Explanation

QUESTION 27

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

An administrator manages an Aruba wireless network. Users authenticate to the wireless network using PEAP, where their credentials are validated by the controller's local database. The company purchases Android tablets to use with an inventory tracking system. The administrator notices that many of the users of these devices use their normal username and password to authenticate, which allows the tablet to access all resources that the user can access from their wireless computers. This is a security violation.

Which Aruba Mobility Controller (MC) feature should the administrator configure to restrict tablet access to a web portal for authentication, where an appropriate post-authentication policy can be applied to these tablets?

- A. AirMatch
- B. AP fingerprinting
- C. Server-derived roles
- D. User-derived rules

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

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 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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

Which network components are tracked by Aruba Clarity? (Choose two.)

- A. Wireless associations
- B. DNS lookups
- C. AP and controller health
- D. WLAN health
- E. Client health

Correct Answer: AE

Section: (none)