



HPE6-A44^{Q&As}

Scalable WLAN Design and Implementation (SWDI) 8

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QUESTION 1

An administrator migrates Aruba Mobility Controllers (MCs) from ArubaOS.6x to ArubaOS.8. x. In the 6.x. configuration, the administrator configures GRE tunnels on the local controllers to a controller in the DMZ to keep guest traffic off the corporate network. The problem with the solution is that it creates suboptimal routing paths.

Which feature should the administrator implement to solve this problem?

- A. MultiZone
- B. Mobility
- C. Clustering
- D. AirMatch

Correct Answer: B

QUESTION 2

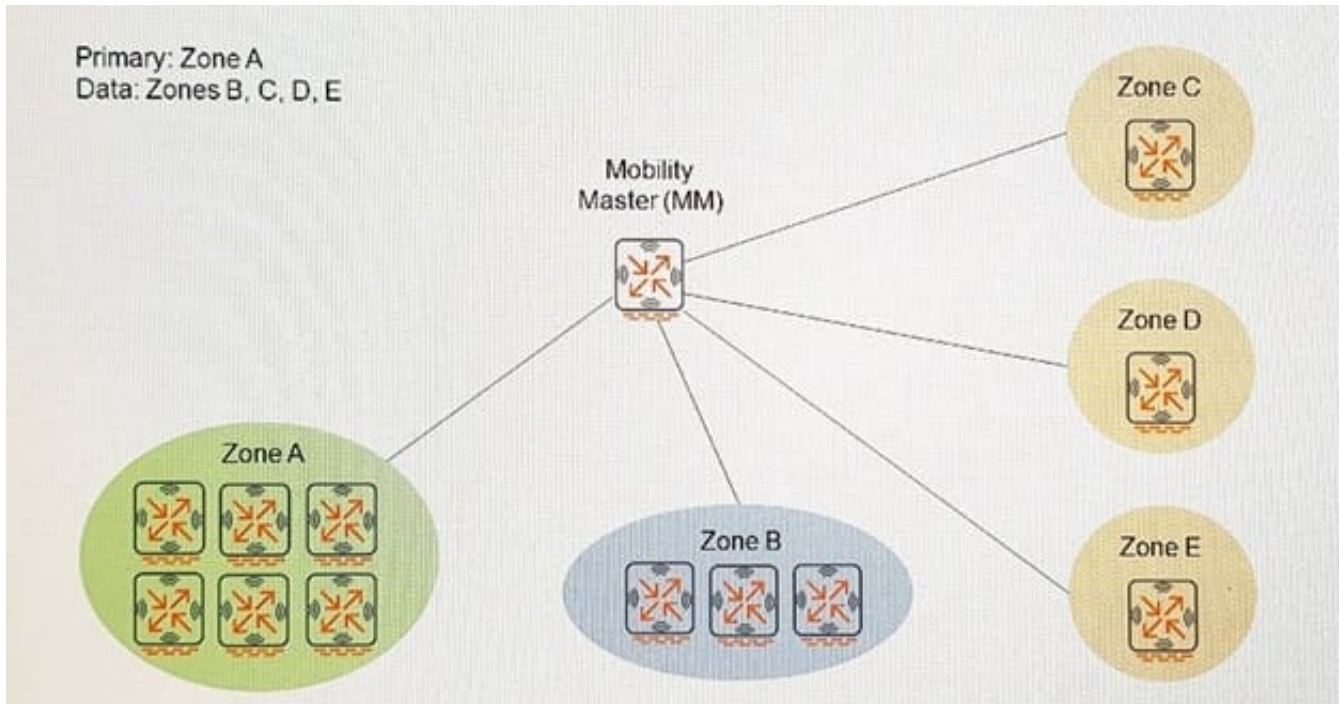
An administrator creates a user role that department A in a company uses. Various other roles exist for other departments. All employees connect to the same ESSID, which authenticates to an external AAA server. How should the administrator configure to assign the appropriate roles to the employees?

- A. implement default roles
- B. implement server-derived roles
- C. implement user roles
- D. implement AAA profile roles

Correct Answer: C

QUESTION 3

Refer to the exhibit.



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

- 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. A zone needs to accept RAP connections from branch offices. All zones have the same AP Group name. One of the zones will not accept connections from the MultiZone APs.

Which could be a cause of this problem?

- A. RAPs are used in the configuration.
- B. The number of zones exceeds the maximum limit of four zones.
- C. AP Group names are different for each zone.
- D. The number of VAPs exceeds the maximum limit of 12 VAPs.

Correct Answer: D

QUESTION 4

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

Correct Answer: D

QUESTION 5

What must the administrator configure on AirWare to monitor and run operational commands on the Aruba Mobility Masters (MMs) and Mobility Controllers (MCs)?

- A. PAPI and SSH/telnet
- B. PAPI and SNMP
- C. SNMP and HTTPS
- D. SNMP and SSH/telnet

Correct Answer: D

Reference: <https://www.scribd.com/document/251777794/Airwave-and-Aruba-Best-Practices-Guide>

QUESTION 6

Which VPN component must be configured on the Mobility Master (MM) to allow a RAP to use the built-in certificate to successfully connect to a Mobility Controller (MC)?

- A. IP Address pool
- B. VPN username and password
- C. IPSec pre-shared key
- D. CPsec auto-whitelist

Correct Answer: C

QUESTION 7

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.

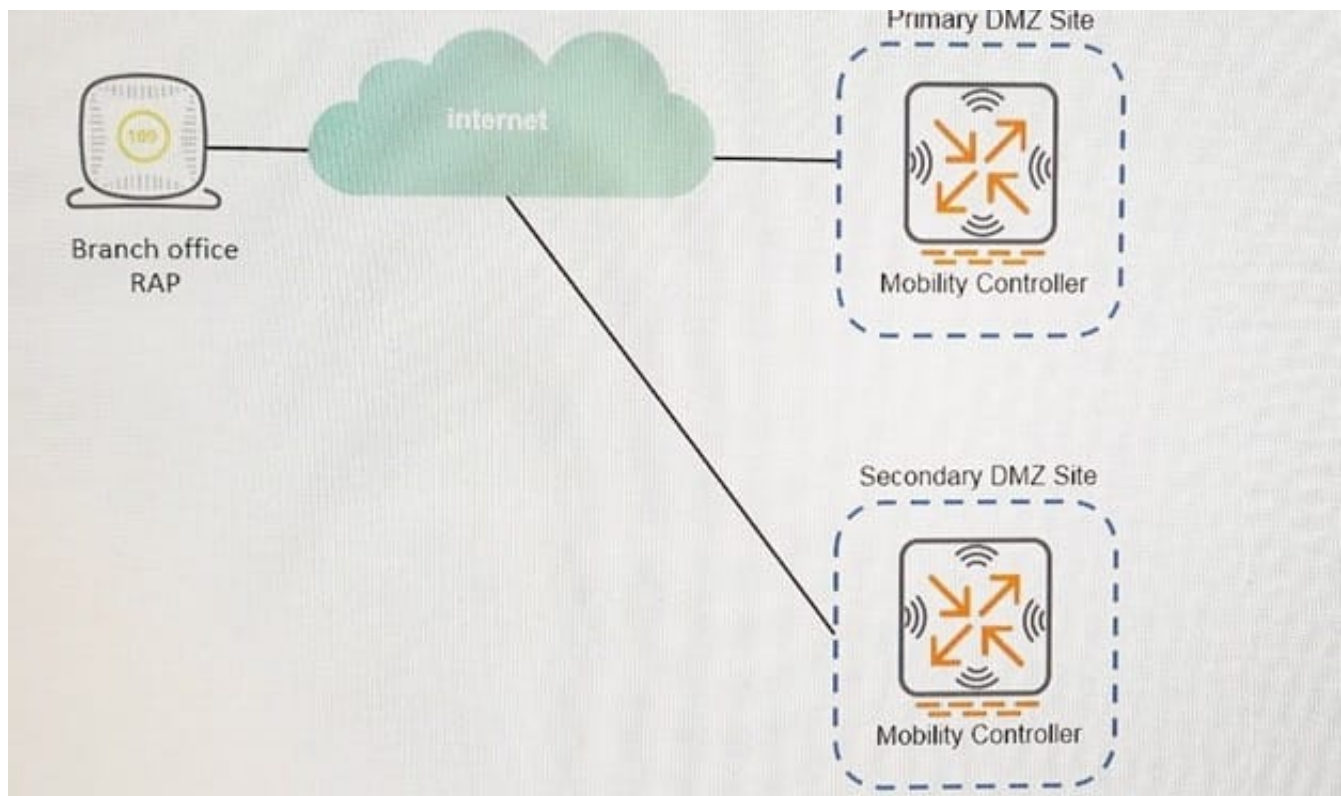
C. Define the AirWave communication parameters on the Virtual Mobility Controllers, and then scan for the Virtual Mobility Controllers in AirWave.

D. Define AirWave communication parameters for the Virtual Mobility Controllers on the Mobility Master, and have AirWave repoll the Mobility Master.

Correct Answer: C

QUESTION 8

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 DMX 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

QUESTION 9

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

QUESTION 10

Refer to the exhibit.

```
apboot>printenv
servername=aruba-master
name=AP1
group=apgroup1
cert_cap=1
backup_vap_init_master=10.1.20.100
num_ipsec_retry=85
backup_vap_password= 3A28B643D862568...
backup_vap_opmode=0
backup_vap_band=2
rap_tftp_upgrade=0
cfg_lms=10.1.10.101
stdin=serial
<-output omitted->
```

The administrator expects the AP to connect to a cluster, but the AP fails to connect. The administrator examines the configuration of an AP from apboot mode shown in the exhibit. What can the administrator determine about the



configuration of the AP?

- A. The AP is configured to terminate on a non-cluster Mobility Controller.
- B. The AP is configured as a RAP to terminate on a stand-alone controller.
- C. The AP is configured as a RAP to terminate on a Mobility Master.
- D. The AP is configured to terminate on a Mobility Controller in a cluster.

Correct Answer: C

QUESTION 11

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

QUESTION 12

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

Correct Answer: A

Reference: <https://community.arubanetworks.com/t5/Controller-Based-WLANs/What-is-Fast-BSSTransition-IEEE-802-11r-standard-and-what-is/ta-p/185256>

QUESTION 13

An administrator wants to implement a cluster of Aruba Mobility Controllers (MCs). Which guideline should be followed?



- A. Implement Virtual Mobility Controllers and Mobility Controllers in the cluster to provide scalability.
- B. Verify that all the controllers run the same release of software.
- C. Purchase a cluster license to enable clustering
- D. Implement High Availability (HA) AP Fast Failover for redundancy.

Correct Answer: B

Reference: [https://www.google.com/url?](https://www.google.com/url?sa=t&andrc=jandq=andesrc=sandsource=webandcd=2andved=2ahUKEwi2oey8zNneAhXqDMAKHfyMAGsQFjABegQIBxACandurl=https%3A%2F%2Fcommunity.arubanetworks.com%2Ffaruba%2Fattachments%2Ffaruba%2F115%2F6226%2F1%2FNew%2520Features.pdf&usg=AOvVaw0wGy7_OXslbxfk0SLtEBB0)

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QUESTION 14

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

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

Correct Answer: A

Reference: [https://www.google.com/url?sa=t&andrc=jandq=andesrc=sandsource=webandcd=1andcad=rjaanduact=8andved=2ahUKEwiOn7_N2tXeAhWMD8AKHYkFBG0QFjAAegQICBACandurl=https%3A%2F%2Fcommunity.arubanetworks.com%2Ffaruba%2Fattachments%2Ffaruba%2FCampusSwitching%2F3907%2F1%2FArubaOSSwitch_Per_User_Tunneled_Node_Technical_Whitepaper.pdf&usg=AOvVaw0R1PDBBIG3CX8Yw23ipdp a \(page 3\)](https://www.google.com/url?sa=t&andrc=jandq=andesrc=sandsource=webandcd=1andcad=rjaanduact=8andved=2ahUKEwiOn7_N2tXeAhWMD8AKHYkFBG0QFjAAegQICBACandurl=https%3A%2F%2Fcommunity.arubanetworks.com%2Ffaruba%2Fattachments%2Ffaruba%2FCampusSwitching%2F3907%2F1%2FArubaOSSwitch_Per_User_Tunneled_Node_Technical_Whitepaper.pdf&usg=AOvVaw0R1PDBBIG3CX8Yw23ipdp a (page 3))

QUESTION 15

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

Correct Answer: D