



HPE6-A48^{Q&As}

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QUESTION 1

Refer to the exhibits.

Exhibit 1

(MC14-2) #show ip interface brief | exclude unassigned

Interface	IP Address / IP Netmask	Admin	Protocol	VRRP-IP
vlan 140	10.1.140.101 / 255.255.255.0	up	up	10.1.140.14
vlan 143	192.168.14.1 / 255.255.255.0	up	up	

(MC14-2) #

(MC14-2) #show lc-cluster group-membership | exclude %

Cluster Enabled, Profile Name = "Cluster 2"

Redundancy Mode On

AP Load Balancing: Disabled

Cluster Info Table

Type	IPv4 Address	Priority	Connection-Type	STATUS
peer	10.1.140.100	128	L2-Connected	CONNECTED (Member, last HBT_RSP 85ms ago, RTD = 0.504 ms)
self	10.1.140.101	128	N/A	CONNECTED (Leader)

(MC14-2) #

(MC14-2) #show ap database | exclude "="

AP Database

Name	Group	AP Type	IP Address	Status	Flags	Switch IP	Standby IP
AP11	CAMPUS	335	10.1.145.150	Up 27m:53s		10.1.140.101	10.1.140.100
AP12	CAMPUS	335	10.1.146.150	Up 28m:14s		10.1.140.101	10.1.140.100

Exhibit 2



CONTROLLERS
2 2

ACCESS POINTS
2 0

CLIENTS
0 1

ALERTS
0

admin

Dashboard

Configuration

WLANs

Roles & Policies

Access Points

AP Groups

Authentication

Services

Interfaces

Controllers

System

Tasks

AP Groups 4

NAME	APs
default	—
NoAuthApGroup	++
CAMPUS	
MainCampis-SC-B1	—

+

AP Groups>CAMPUS

APs

WLANs

Radio

Mesh

LMS

Profiles

IP address: 10.254.13.14

Backup IP address: 10.1.140.14

IPv6 address:

Backup IPv6 address:

(A48.01114248)

A network administrator deploys a test environment with two Mobility Masters (MMs), two two-member Mobility Controller (MC) clusters, and two CAPs, with the intention of testing several ArubaOS features. Cluster members run VRRP for AP boot redundancy. Based on the information shown in the exhibits, what is the current status of the APs?

- A. APs are currently communicating with LMS IP, and 10.1.140.100 is S-AAC.
- B. APs are currently communicating with BLMS IP, and 10.1.140.101 is A-AAC.
- C. APs are currently communicating with BLMS IP, and 10.1.140.101 is S-AAC.
- D. APs are currently communicating with BLMS IP, and 10.1.140.100 is A-AAC.

Correct Answer: B

QUESTION 2

A software development company has 700 employees who work from home. The company also has small offices located in different cities throughout the world. During working hours, they use RAPs to connect to a datacenter to upload software code as well as interact with databases.

In the past two months, brief failures have occurred in the 7240XM Mobility Controller (MC) that runs ArubaOS 8.3 and terminates the RAPs. These RAPs disconnect, affecting the users connected to the RAPs. This also causes problems with code uploads and database synchronizations. Therefore, the company decides to add a second 7240XM controller for redundancy.

How should the network administrator deploy both controllers in order to provide redundancy while preventing failover events from disconnecting users?



- A. Connect both controllers with common VLANs, and create an L2-connected cluster using public addresses in the internet VLAN.
- B. Connect both controllers with common VLANs, and create an HA fast failover group with public addresses in the internet VLAN.
- C. Connect both controllers with different VLANs, and create an L2-connected cluster using private addresses in the internet VLAN.
- D. Connect both controllers with common VLANs, and configure LMS/BLMS values equal to public addresses in the internet VLAN.

Correct Answer: A

QUESTION 3

An organization wants to deploy a WLAN infrastructure that provides connectivity to these client categories:

Employees Contractors Guest users Corporate IoT legacy devices that support no authentication or encryption

Employees and contractors must authenticate with company credentials and get network access based on AD group membership. Guest users are required to authenticate with captive portal using predefined credentials. Only employees will run L2 encryption.

Which implementation plan fulfills the requirements while maximizing the channel usage?

- A. Create VAP1 to run WPA2-AES and 802.1x authentication, VAP2 to run opensystem encryption with MAC authentication, and VAP3 to run opensystem with captive portal.
- B. Create VAP1 to run WPA2-AES and 802.1x authentication, VAP2 to run opensystem encryption with MAC authentication, and VAP3 to run opensystem with captive portal and L2 fail through.
- C. Create a single VAP to run WPA2-AES and 802.1x authentication, MAC authentication L2 fail through, captive portal, and VIA support.
- D. Create VAP1 to run WPA2-AES and 802.1x authentication, and VAP2 to run opensystem encryption with MAC authentication and captive portal.

Correct Answer: A

QUESTION 4

A financial institution contacts an Aruba partner to deploy an advanced and secure Mobility Master (MM) Mobility Controller (MC) WLAN solution in its main campus and 14 small offices/home offices (SOHOs). Key requirements are that users at all locations, including telecommuters with VIA, should be assigned roles with policies that filter undesired traffic. Also, advanced WIPs should be enforced at the campus only.

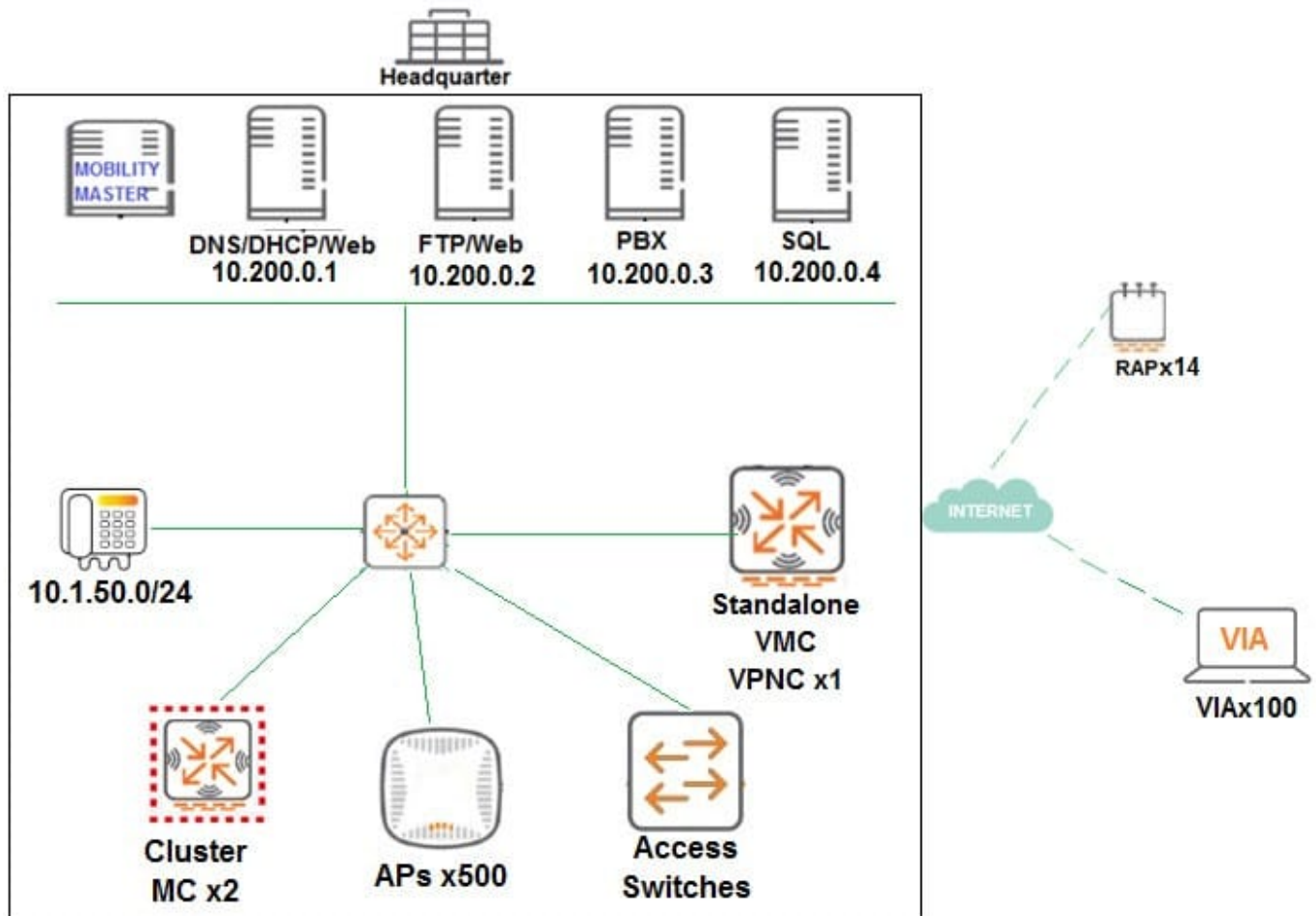
These are additional requirements for this deployment:

RAPs should ship directly to their final destinations without any pre-setup and should come up with the right configuration as soon as they get Internet access. Activate should be configured with devices MACs, serial numbers,



and provisioning rules that redirect them to the standalone VMC at the DMZ Users should be able to reach DNS, FTP, Web and telephone servers in the campus as well as send and receive IP telephone calls to and from the voice 10.1.50.0/24 segment. Local Internet access should be granted.

Refer to the exhibit.



Refer to the scenario and the exhibit.

(MC2) [MDC] #show ip access-list split-tunneling

```
ip access-list session split-tunneling
split-tunneling
```

Priority	Source	Destination	Service	Application	Action	TimeRange
1	any	any	svc-dhcp		permit	
	Log Expired	Queue	TOS 8021P Blacklist	Mirror DisScan	IPv4/6	
2	user	Low	10.200.0.0.255.255.255.252	any	4	permit
3	10.200.0.0 255.255.255.252	Low	user	any	4	permit
4	user	Low	10.1.50.0 255.255.255.0	svc-rtsp	4	permit
5	user	Low	10.1.50.0 255.255.255.0	svc-sip-udp	4	permit
6	10.1.50.0 255.255.255.0	Low	user	svc-rtsp	4	permit
7	10.1.50.0 255.255.255.0	Low	user	svc-sip-udp	4	permit

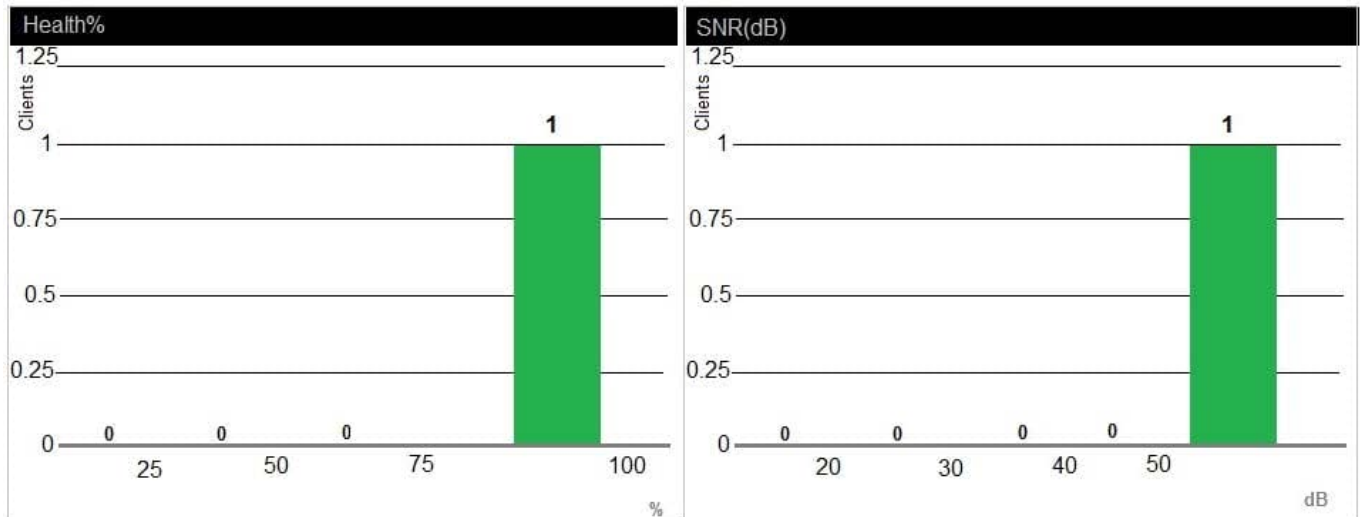
Which command must the network administrator add in the split-tunneling policy to meet the requirements for the RAP employee SSID?

- A. user any svc-http permit
- B. user any any src-nat pool dynamic-srcnat
- C. any user any src-nat pool dynamic-srcnat
- D. user any any dst-nat

Correct Answer: B

QUESTION 5

Refer to the exhibit.



Clients												
USERNAME	CLIENT NAME	SNR ^	SPEED (MBPS)	GOODPUT (MBPS)	HEALTH (%)	USAGE	DEVICE TYPE	ROLE	DEVICE NAME	LOCATION	SSID	CONNECTION
contractor14	-	58	819	32	93	1.84 Kbps	-	guest	AP12	-	contractor	11ac 5GHz

25 per page

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(A48.01114411)

A network administrator receives a call from a contractor that was recently given wireless access to the network. The user reports that the response time is slow and suggests there might be a problem with the WLAN. The network administrator checks RF performance in AirWave to find the user and sees the output shown in the exhibit.

What can the network administrator conclude after analyzing the data?

- A. Client health and CNR are high, therefore, it is unlikely the client is experiencing an RF-related issue.
- B. Goodput is low in relation to connection speed, which suggests a channel with high utilization, another channel should be used.
- C. Client health and SNR are high but usage is low; therefore, there might be packet drops.
- D. Client health is low, which suggests that there are packet drops and collisions in the RF environment.

Correct Answer: B

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