HPE6-A79^{Q&As}

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QUESTION 1

A network administrator has racked up a 7210 Mobility Controller (MC) that will be terminating 200+ Aps on a medium-size branch office. Next, the technician cabled the appliance with 4SPF+ Direct Attached Cables (DACs) distributed between two-member switching stack and powered it up.
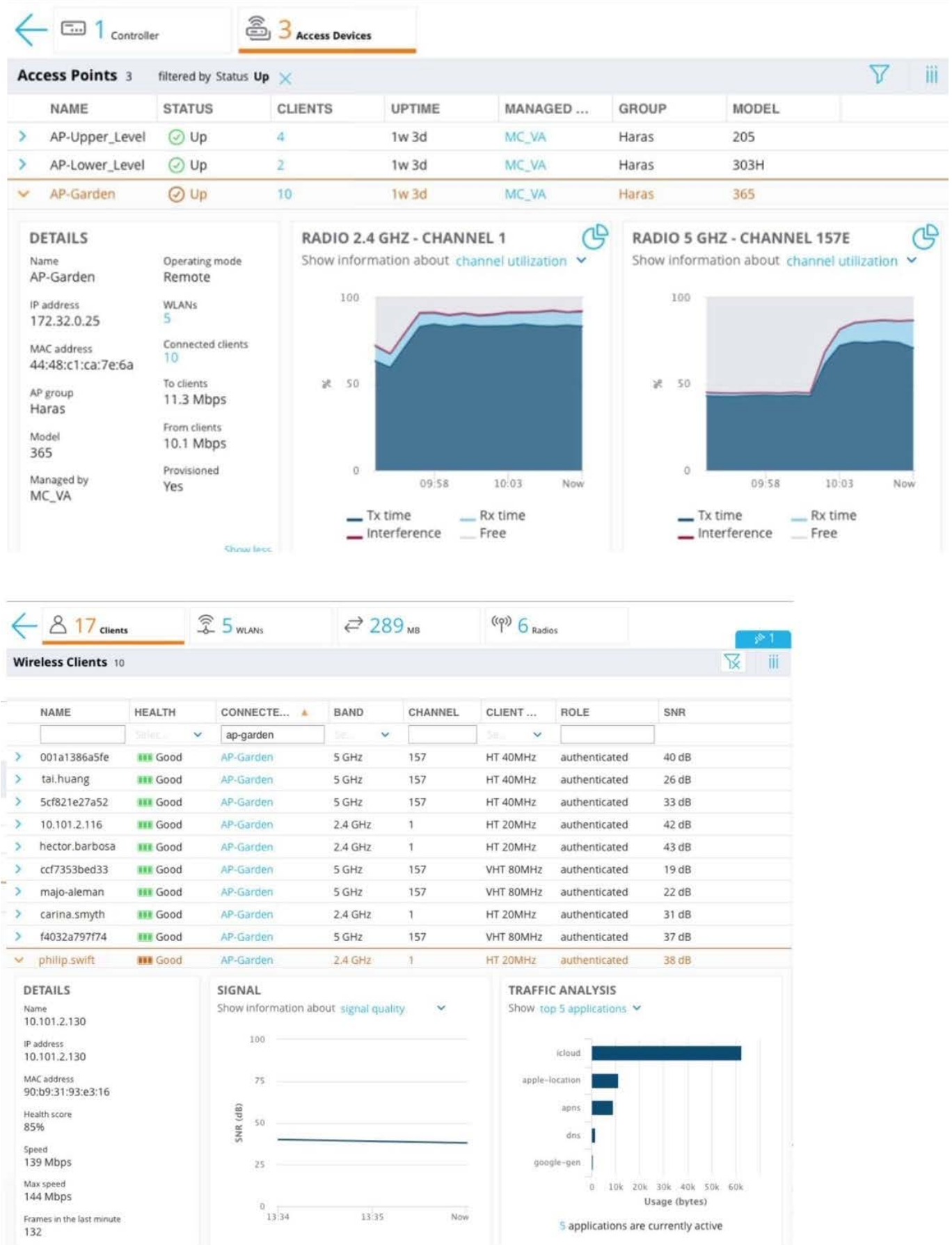
What must the administrator do next in the MCs to assure maximum wired bandwidth utilization?

A. Map the four physical ports to port channel 0.

B. Disable spanning tree and allocate unique VLANs to each port.

C. Manually set 10Gbps speeds on all ports.

D. Configure the same MSTP region that the switches have.

E. Make all ports trunk interfaces and permit data VLANs.

Correct Answer: C

QUESTION 2

Refer to the exhibits.

← 🖥 1 Controller   📶 3 Access Devices

Access Points 3   filtered by Status **Up** ✕   ▽   ⦙⦙

	NAME	STATUS	CLIENTS	UPTIME	MANAGED ...	GROUP	MODEL	
›	AP-Upper_Level	✓ Up	4	1w 3d	MC_VA	Haras	205	
›	AP-Lower_Level	✓ Up	2	1w 3d	MC_VA	Haras	303H	
⌄	AP-Garden	✓ Up	10	1w 3d	MC_VA	Haras	365	

DETAILS

Name
AP-Garden

IP address
172.32.0.25

MAC address
44:48:c1:ca:7e:6a

AP group
Haras

Model
365

Managed by
MC_VA

Operating mode
Remote

WLANs
5

Connected clients
10

To clients
11.3 Mbps

From clients
10.1 Mbps

Provisioned
Yes

Show less

RADIO 2.4 GHZ - CHANNEL 1   ⟳
Show information about channel utilization ⌄

100

50

0   09:58   10:03   Now

— Tx time   — Rx time
— Interference   — Free

RADIO 5 GHZ - CHANNEL 157E   ⟳
Show information about channel utilization ⌄

100

50

0   09:58   10:03   Now

— Tx time   — Rx time
— Interference   — Free

← 👤 17 Clients   📶 5 WLANs   ⇄ 289 MB   ((•)) 6 Radios   ⌖ 1

Wireless Clients 10   ⦰   ⦙⦙

	NAME	HEALTH	CONNECTE... ▲	BAND	CHANNEL	CLIENT ...	ROLE	SNR
		Selec... ⌄	ap-garden	Se... ⌄		Se... ⌄		
›	001a1386a5fe	▮▮▮ Good	AP-Garden	5 GHz	157	HT 40MHz	authenticated	40 dB
›	tai.huang	▮▮▮ Good	AP-Garden	5 GHz	157	HT 40MHz	authenticated	26 dB
›	5cf821e27a52	▮▮▮ Good	AP-Garden	5 GHz	157	HT 40MHz	authenticated	33 dB
›	10.101.2.116	▮▮▮ Good	AP-Garden	2.4 GHz	1	HT 20MHz	authenticated	42 dB
›	hector.barbosa	▮▮▮ Good	AP-Garden	2.4 GHz	1	HT 20MHz	authenticated	43 dB
›	ccf7353bed33	▮▮▮ Good	AP-Garden	5 GHz	157	VHT 80MHz	authenticated	19 dB
›	majo-aleman	▮▮▮ Good	AP-Garden	5 GHz	157	VHT 80MHz	authenticated	22 dB
›	carina.smyth	▮▮▮ Good	AP-Garden	2.4 GHz	1	HT 20MHz	authenticated	31 dB
›	f4032a797f74	▮▮▮ Good	AP-Garden	5 GHz	157	VHT 80MHz	authenticated	37 dB
⌄	philip.swift	▮▮▮ Good	AP-Garden	2.4 GHz	1	HT 20MHz	authenticated	38 dB

DETAILS

Name
10.101.2.130

IP address
10.101.2.130

MAC address
90:b9:31:93:e3:16

Health score
85%

Speed
139 Mbps

Max speed
144 Mbps

Frames in the last minute
132

SIGNAL
Show information about signal quality ⌄

100

75

50

25

0
13:34   13:35   Now

SNR (dB)

TRAFFIC ANALYSIS
Show top 5 applications ⌄

icloud
apple-location
apns
dns
google-gen

0   10k 20k 30k 40k 50k 60k
Usage (bytes)

5 applications are currently active

A user reports slow connectivity to a network administrator when connecting to AP-Garden and suggests that there might be a problem with the WLAN. The user\'s device supports 802.11n in the 2.4 GHz band. The network administrator finds the user in the Mobility Master (MM) and reviews the output shown in the exhibit.

What can the network administrator conclude after analyzing the data?

A. 2.4Ghz band is currently congested, therefore a NIC upgrade to 802.11ac or higher is recommended so the user can move to 5Ghz.

B. Channel usage is high and though this device has high speed the overall client rate is low on AP-Garden, there could be a few clients monopolizing the airtime on both bands at low speeds.

C. User\'s SNR value over time is lower than recommended, therefore he should either get closer to the Access Point or increase the transmit power.

D. 365s are low cost outdoor APs recommended for coverage design only. AP-Garden currently has more clients than recommended and is getting congested.

Correct Answer: D

QUESTION 3

Refer to the exhibit.

A network administrator wants to allow contractors to access the WLAN named EmployeesNet. In order to restrict network access, the network administrator wants to assign this category of users to the contractor user role. To do this, the

network administrator configures ClearPass in a way that it returns the Aruba-User-Role with the contractor value.

When testing the solution, the network administrator receives the wrong role.

What should the network administrator do to assign the contractor role to contractor users without affecting any other

role assignment?

A. Check the Download role from the CPPM option in the AAA profile.

B. Set contractor as the default role in the AAA profile.

C. Create Contractor firewall role in the M.

D. Create server deviation rules in the server group.

Correct Answer: A

Reference: https://www.arubanetworks.com/techdocs/ClearPass/6.7/Aruba_DeployGd_HTML/Content/Aruba%20Controller%20Configuration/AAA_profile_adding.htm

QUESTION 4

A software development company has 764 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 month, cabling issues have occurred connection to the 7240XM Mobility Controller (MC) that runs ArubaOS 8 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 the redundancy while preventing failover events from disconnecting users?

A. Connect both controllers with common VLANs, and create an HA fast failover group with public addresses in the internet VLAN.

B. Connect both controllers with common VLANs, and create an L2-connected cluster using public addresses in the internet VLAN.

C. Connect both controllers with different VLANs, and create an L2-connected cluster using public 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 5

Refer to the exhibit.

```
(MM1) [md] #show switches

All switches
------------
IP Address      IPv6 Address  Name  Location        Type    Mode    Version          Status  Configuration State   Config Sync Time (sec)  Confi
g ID
----------      ------------  ----  --------        ----    ----    -------          ------  -------------------   ----------------------  -----
----
10.254.10.14    None          MM1   Building1.floor1  master  ArubaMM-VA  8.2.1.0_64044  up      UPDATE SUCCESSFUL     0                       415
10.254.10.114   None          MM2   Building1.floor1  standby ArubaMM-VA  8.2.1.0_64044  up      UPDATE SUCCESSFUL     0                       415
10.1.140.100    None          MC1   Building1.floor1  MD      Aruba7030   8.2.1.0_64044  up      IINK(xx:xx:xx:xx:xx:xx)  N/A                  N/A

Total Switches:3
(MM1) [md] #
```

A network administrator adds a Mobility Controller (MC) in the /mm level and notices that the device does not show up in the managed networks hierarchy. The network administrator accesses the CLI. executes the show switches command, and obtains the output shown in the exhibit.

What is the reason that the MC does not appear as a managed device in the hierarchy?

A. The network administrator added the device using the wrong Pre-Shared Key (PSK).

B. The network administrator has not moved the device into a group yet.

C. The digital certificate of the MC is not trusted by the MM.

D. The IP address of the MC does not match the one that was defined in the MM.

Correct Answer: D

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