HPE6-A79 Q&As

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QUESTION 1

An organization owns a fully functional multi-controller Aruba network with a Virtual Mobility Master (VMM) in VLAN20. They have asked a network consultant to deploy a redundant MM on a different server. The solution must offer the lowest convergence time and require no human interaction in case of failure.

The servers host other virtual machines and are connected to different switches that implement ACLs to protect them. The organization grants the network consultant access to the servers only, and appoints a network administrator to assist with the deployment.

What must the network administrator do so the network consultant can successfully deploy the solution? (Choose two.)

A. Allocate VLAN20 to the second server, and extend it throughout the switches, then reserve one IP address for the second MM and another IP address for its gateway.

B. Allocate VLAN20 to the second server, and permit routing between them, then reserve one IP address for the second MM and another IP address for its gateway.

C. Configure an ACL entry that permits IP protocol 50, UDP port 500, and multicast IP 224.0.0.18.

D. Allocate VLAN20 to the second server, and extend it throughout the switches, then reserve one IP address for the second MM and another for the VIP.

E. Configure an ACL entry that permits UDP 500, TCP 4500, and multicast IP 224.0.0.5.

Correct Answer: AE

QUESTION 2

Refer to the exhibits.

```
(MM1) [md] #configure t
Enter Configuration commands, one per line. End with CNNL/Z

(MM1) [md] (config) #user-role corp-employee
(MM1) ^[md] (config-submode)#access-list session allowall
(MM1) ^[md] (config-submode)#exit
(MM1) ^[md] (config) #
(MM1) ^[md] (config) #aaa profile corp-employee
(MM1) ^[md] (AAA Profile "corp-employee") #dot1x-default-role corp-employee
(MM1) ^[md] (AAA Profile "corp-employee") #dot1x-server-group Radius
(MM1) ^[md] (AAA Profile "corp-employee") #exit
(MM1) ^[md] (config) #
(MM1) ^[md] (config) #write memory

Saving Configuration...

Configuration Saved.
```

```
(MM1) [md] (config) #cd MC1
(MM1) [20:4c:03:06:e5:c0] (config) #mdc
```

```
Redirecting to Managed Device Shell

(MC1)  [MDC] #show switches

All Switches
------------
IP Address     IPv6 Address  Name  Location          Type  Model      Version        Status  Configuration State  Config Sy
----------     ------------  ----  --------          ----  -----      -------        ------  -------------------  ---------
10.1.140.100   None          MC1   Building1.floor1  MD    Aruba7030  8.6.0.2_73853  up      UPDATE SUCCESSFUL    11

Total Switches:1
(MC1) [MDC] #show user
This operation can take a while depending on number of users. Please be patient ....

Users
-----
    IP             MAC             Name           Role    Age(d:h:m)  Auth     VPN link  AP name  Roaming   Essid/Bssid/Ph
----------     ------------        ------         ----    ----------  ----     --------  -------  -------
10.1.141.150   yy:yy:yy:yy:yy:yy   hector.barbosa guest   00:00:23    802.1x             AP22     Wireless  corp-employee/

User Entries: 1/1
 Curr/Cum Alloc:3/18 Free:0/15 Dyn:3 AllocErr:0 FreeErr:0
(MC1) [MD] #show aaa profile corp-employee


AAA Profile "corp-employee"
---------------------------
Parameter                                          Value
---------                                          -----
Initial role                                       guest
MAC Authentication Profile                         N/A
MAC Authentication Server Group                    default
802.1X Authentication Profile                      corp-employee_dot1_aut
802.1X Authentication Server Group                 Radius
Download Role from CPPM                            Disabled
Set username from dhcp option 12                   Disabled
L2 Authentication Fail Through                     Disabled
Multiple Server Accounting                         Disabled
User idle timeout                                  N/A
Max IPv4 for wireless user                         2
RADIUS Accounting Server Group                     N/A
RADIUS Roaming Accounting                          Disabled
RADIUS Interim Accounting                          Disabled
RADIUS Acct-Session-Id In Access-Request           Disabled
RFC 3576 server                                    N/A
User derivation rules                              N/A
Wired to Wireless Roaming                          Enabled
Reauthenticate wired user on VLAN change           Disabled
Device Type Classification                         Enabled
Enforce DHCP                                       Disabled
PAN Firewall Integration                           Disabled
Open SSID radius accounting                        Disabled
Apply ageout mechanism on bridge mode wireless clients  Disabled
(MC1) [MDC] #
```

A network administrator has fully deployed a WPA3 based WLAN with 802.1X authentication. Later he defined corp-employee as the default user-role for the 802.1X authentication method in the aaa profile. When testing the setup he realizes the client gets the "guest" role.

What is the reason "corp-employee" user role was not assigned?

A. The administrator forgot to map a dot1x profile to the corp-employee aaa profile.

B. The administrator forgot to enable PEFNG feature set on the Mobility Master.

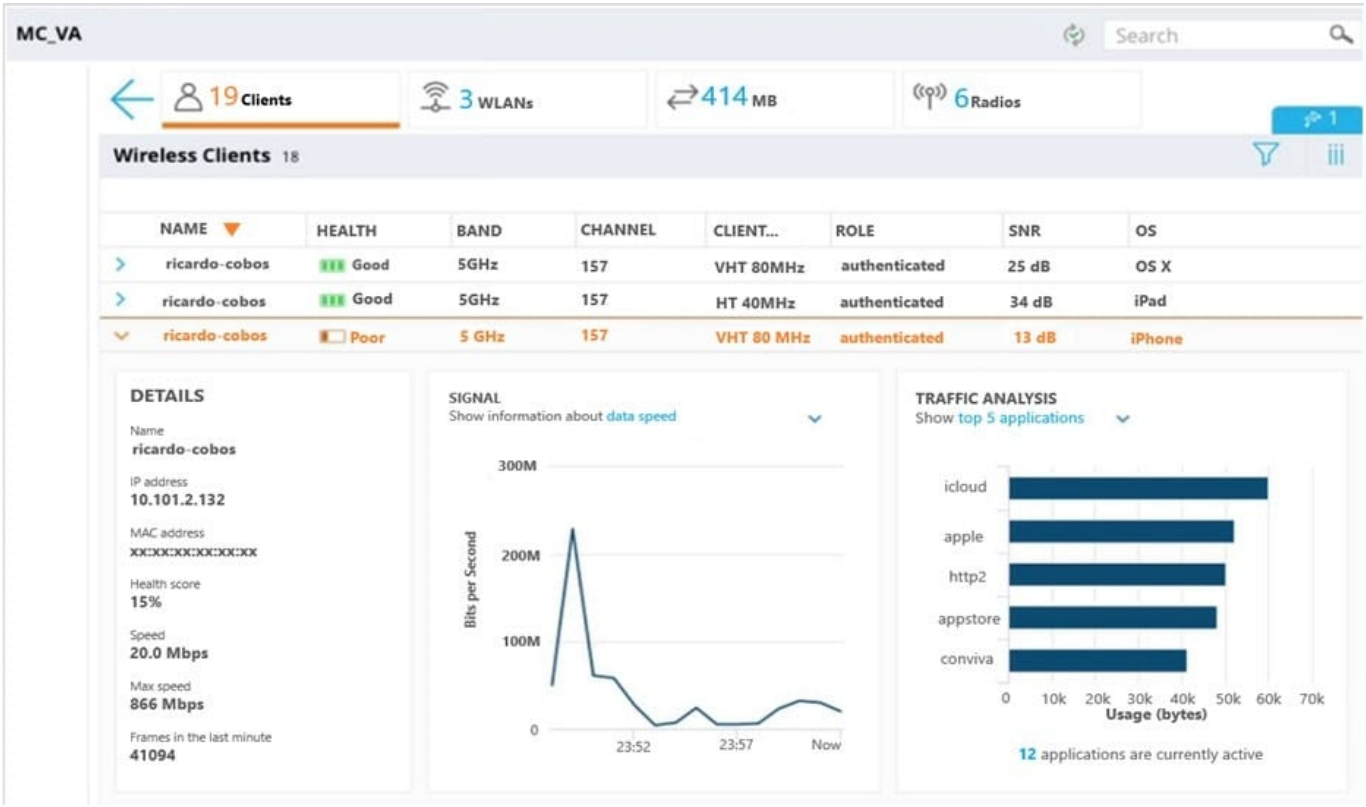
C. MC 1 has not received the configuration from the mobility master yet.

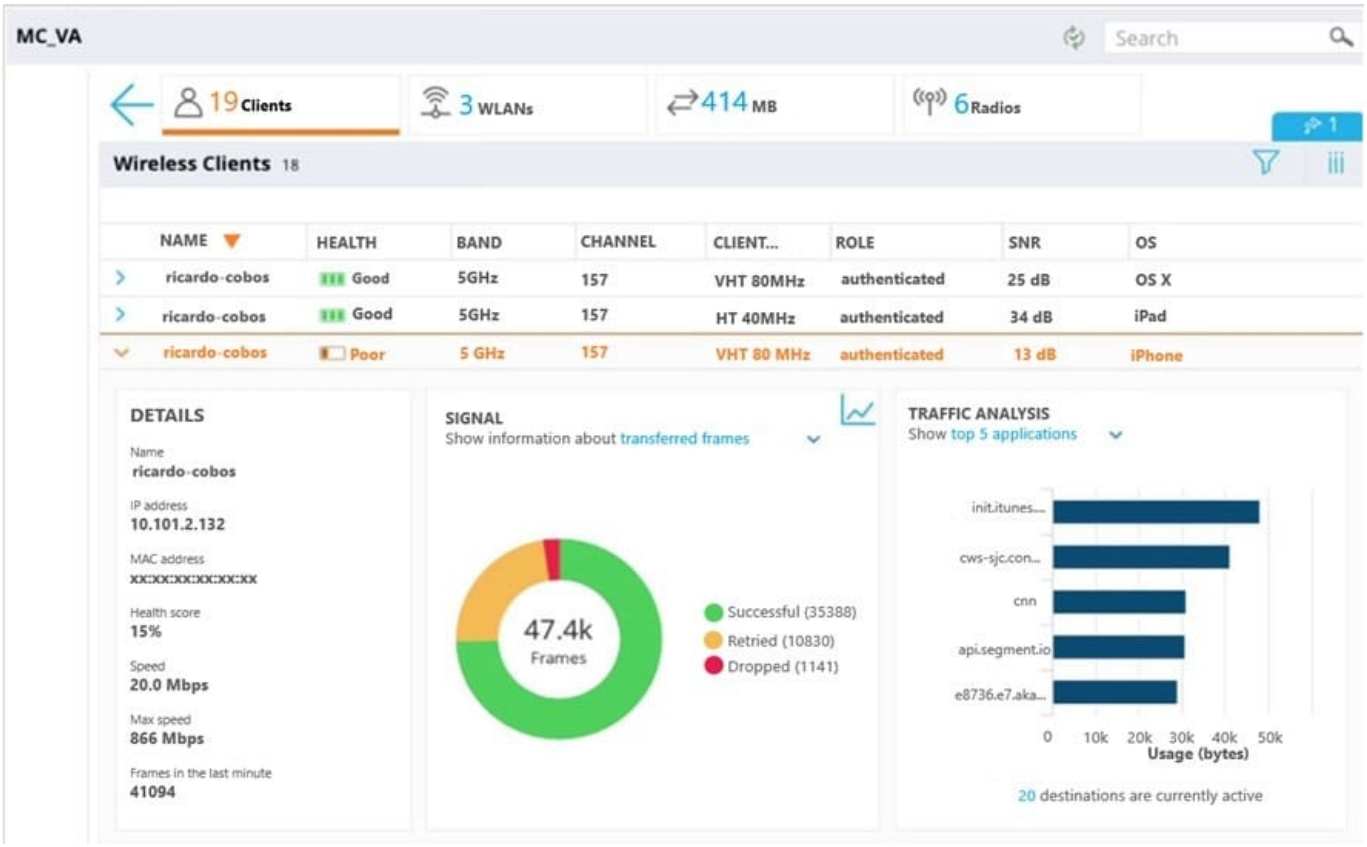
D. The Mobility Master lacks MM-VA licenses; therefore, it shares partial configuration only.

Correct Answer: C

QUESTION 3

Refer to the exhibits.





A user reports slow response time to a network administrator and suggests that there might be a problem with the WLAN. The user\\'s phone supports 802.11ac in the 5 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. The low SNR forces the client to back off to low MCs, therefore speed is low and retransmits are high.

B. Client health is poor, but SNR is fair. TX power must be increased in both the client and the AP.

C. Since SNR is good, then the high retransmit rate must be due a hidden node scenario or high interference.

D. High Successful frame count and high Max Speed is an indication of a healthy client. Connection will improve at any time.

Correct Answer: D

QUESTION 4

An organization has several RAPs at different locations that broadcast two SSIDs. The internet-only SSID is in bridge/always mode, and the corporate SSID is in split-tunneling/standard mode. The network administrator deploys 10 more

RAPs in different locations.

Users can successfully connect to the corporate SSID that is propagated by a RAP at a remote location. However, they report that it takes too long to access public internet web sites.

What is one part of the configuration that should be checked by the network administrator to verify this RAP deployment?

A. User roles policies

B. IP pool

C. Operating mode

D. Assigned VLAN

Correct Answer: A

QUESTION 5

Refer to the exhibit.

```
(MC11) [mynode] #show ap database | exclude =

AP Database
-----------
Name  Group    AP Type  IP Address    Status      Flags  Switch IP     Standby IP  Wired MAC Address  Serial #   Port  FQLN  Outer IP  User
----  -----    -------  ----------    ------      -----  ----------   ----------  -----------------  --------   ----  ----  --------  ----
AP21  CAMPUS   355      10.1.145.150  Up 3m:20s   UNI    10.254.13.14  0.0.0.0     xx:xx:xx:xx:xx:xx  CNBJ0Y301  N/A   N/A   N/A
AP22  CAMPUS   355      10.1.146.150  Up 32m:23s         10.254.13.14  0.0.0.0     xx:xx:xx:xx:xx:xy  CNBJ0Y305  N/A   N/A   N/A

Total Aps:2
(MC11) [mynode] #Show ap active | exclude =

Active AP Table
---------------
Name  Group   IP Address     11g Clients  11g Ch/EIRP/MaxEIRP  11a Clients  11a Ch/EIRP/MaxEIRP     AP Type  Flags  Uptime   Outer IP
----  -----   ----------     -----------  -------------------  -----------  -------------------     -------  -----  ------   --------
AP21  CAMPUS  10.1.146.150   0            AP:HT:11/9.0/24.0    0            AP:VHT:153E:/18.0/28.5  355      Aa     32m:30s  N/A

Channel followed by "*" indicates channel selected due to unsupported configured channel.
"Spectrum" followed by "^" indicates local spectrum override in effect.

Num APs:1
```

A network administrator deploys a new Mobility Master (MM) - Mobility Controller (MC) network. To test the solution, the network administrator accesses the console of a pair of APs and statically provisions them. However, one of the APs does not propagate the configured SSIDs. The network administrator looks at the logs and sees the output shown in the exhibit.

Which actions must the network administrator take to solve the problem?

A. Create another AP group in the MC\\'s configuration, and re-provision one AP with a different group.

B. Re-provision one of the APs with a different name, and add new entries with the proper group in the whitelist.

C. Re-provision the AP with a different group, and modify the name of one AP in the whitelist.

D. Re-provision one of the APs with a different name or modify the name in the whitelist.

Correct Answer: D