Vendor:HP

Exam Code:HPE6-A79

Exam Name: Aruba Certified Mobility Expert Written Exam

Version: Demo

QUESTION 1

A fully functional WLAN is deployed in a campus network using the following script.

```
aaa server-group group-corp
 auth-server radius1

aaa profile aaa-corp
   authentication-dot1x authenticated
   dot1x-server-group group-corp
!
wlan ssid-profile ssid-corp
   essid corp
   opmode wpa2-aes
!
wlan virtual-ap vap-corp
   aaa-profile aaa-corp
   vlan 20
   ssid-profile ssid-corp
!
ap-group building1
   virtual-ap vap-corp
```

Which part of the script can a network administrator re-use to assign a different default role to users when they connect to the same SSID in a second building?

A. server group and ssid profile

B. server group and VAP profile

C. server group, aaa profile, and ssid profile

D. server group and VAP

Correct Answer: A

QUESTION 2

An Aruba WiFi solution for a football stadium includes 2500 APs, two Mobility Masters (MM), and eight Mobility Controllers (MCs). Key requirements are seamless roaming and even distribution of APs and clients, even during a MC failure. Which MC\\'s deployment option offers seamless roaming, and even AP client distribution among all MCs before and after a MC failure?

A. a two-member HA group in dual mode

B. an eight-member L2-connected cluster

C. two four-member L2-connected clusters

D. an eight-member HA group in dual mode

Correct Answer: C

QUESTION 3

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

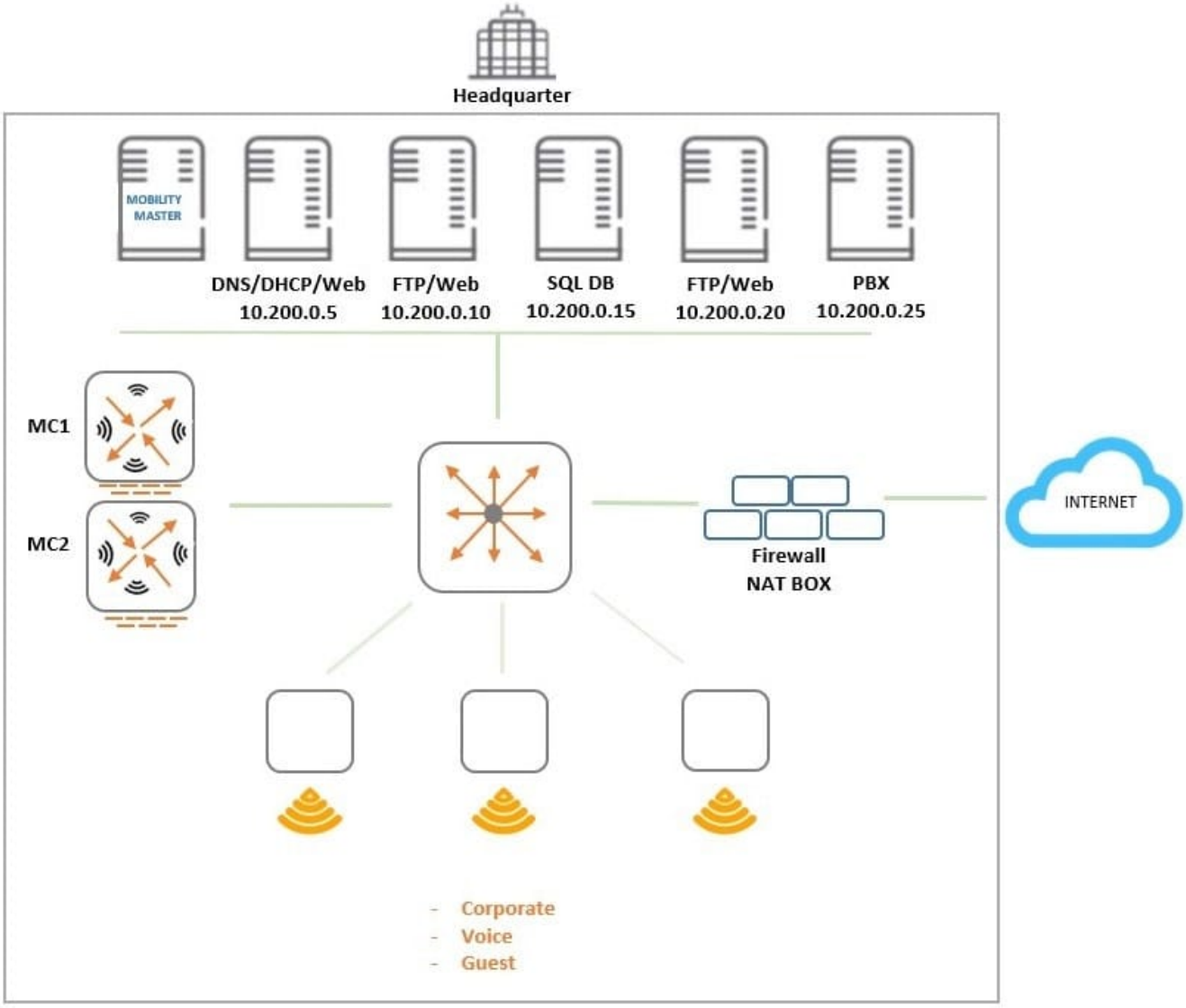
C. Operating mode

D. Assigned VLAN

Correct Answer: A

QUESTION 4

Refer to the exhibit.



An organization provides WiFi access through a corporate SSID with an Aruba Mobility Master (MM) - Mobility Controller (MC) network that includes PEF functions. The organization wants to have a single firewall policy configured and applied

to the employee role.

This policy must allow users to reach Web, FTP, and DNS services, as shown in the exhibit. Other services should be exclusive to other roles. The client NICs should receive IP settings dynamically.

Which policy design meets the organization\\'s requirements while minimizing the number of policy rules?

A.

```
netdestination alias1
   host 10.200.0.5
   host 10.200.0.10
   host 10.200.0.20

netdestination alias2
   host 10.200.0.10
   host 10.200.0.20

ip access-list session policy1
   user host 10.200.0.5 svc-dns permit
   user alias alias1 svc-http permit
   user alias alias2 svc-ftp permit
```

B.

```
netdestination alias1
   host 10.200.0.10
   host 10.200.0.20

ip access-list session policy1
   any any svc-dhcp permit
   user host 10.200.0.5 svc-dns permit
   user host 10.200.0.5 svc-http permit
   user alias alias1 svc-http permit
   user alias alias1 svc-ftp permit
```

C.

```
netdestination alias1
   host 10.200.0.5
   host 10.200.0.10
   host 10.200.0.20

netdestination alias2
   host 10.200.0.10
   host 10.200.0.20

ip access-list session policy1
   any any svc-dhcp permit
   user host 10.200.0.5 svc-dns permit
   user alias alias1 svc-http permit
   user alias alias2 svc-ftp permit
```

D.

```
netdestination alias1
   host 10.200.0.10
   host 10.200.0.20

ip access-list session policy1
   user host 10.200.0.5 svc-dns permit
   user host 10.200.0.5 svc-http permit
   user alias alias1 svc-http permit
   user alias alias1 svc-ftp permit
```

A. Option A

B. Option B

C. Option C

D. Option D

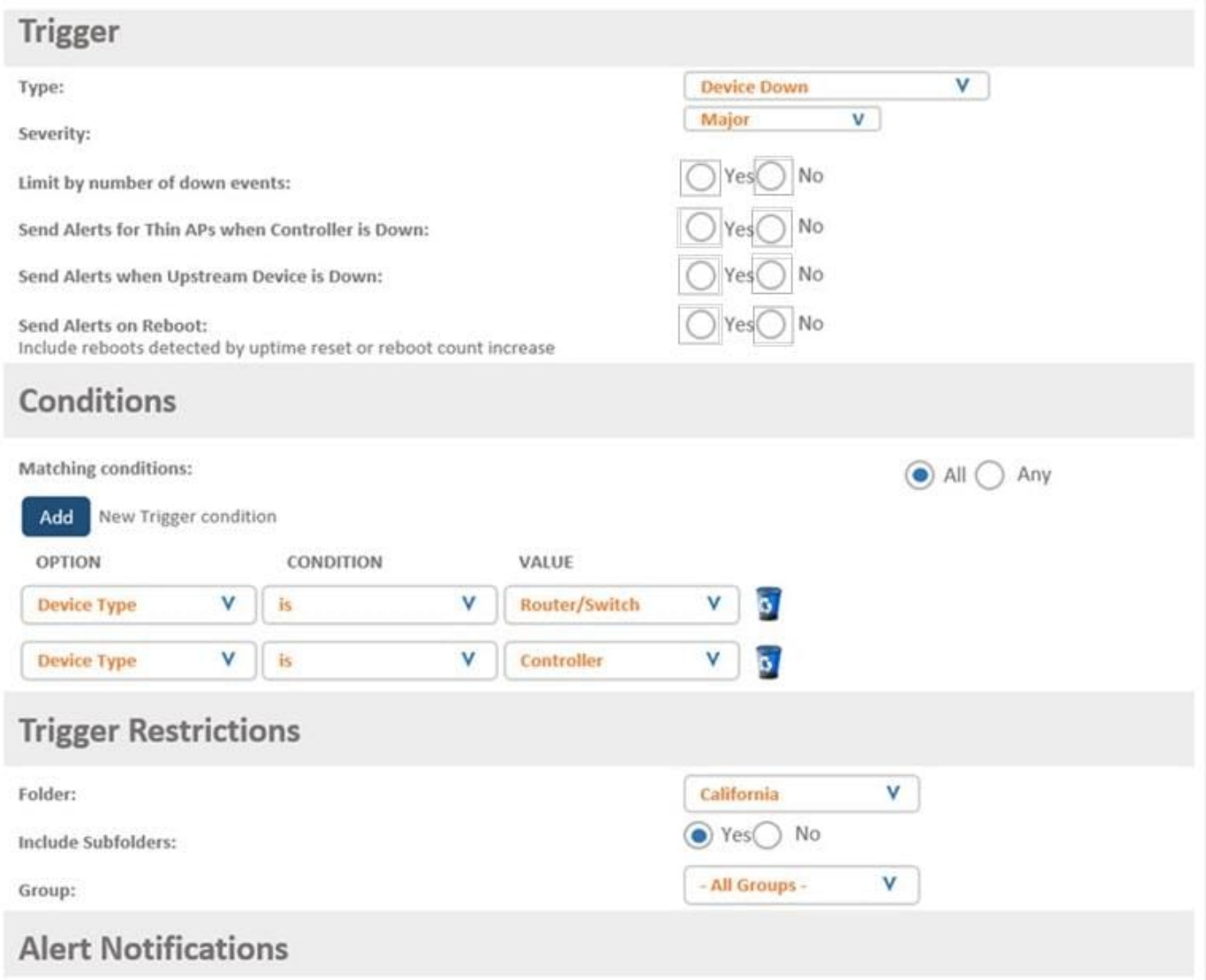
Correct Answer: C

QUESTION 5

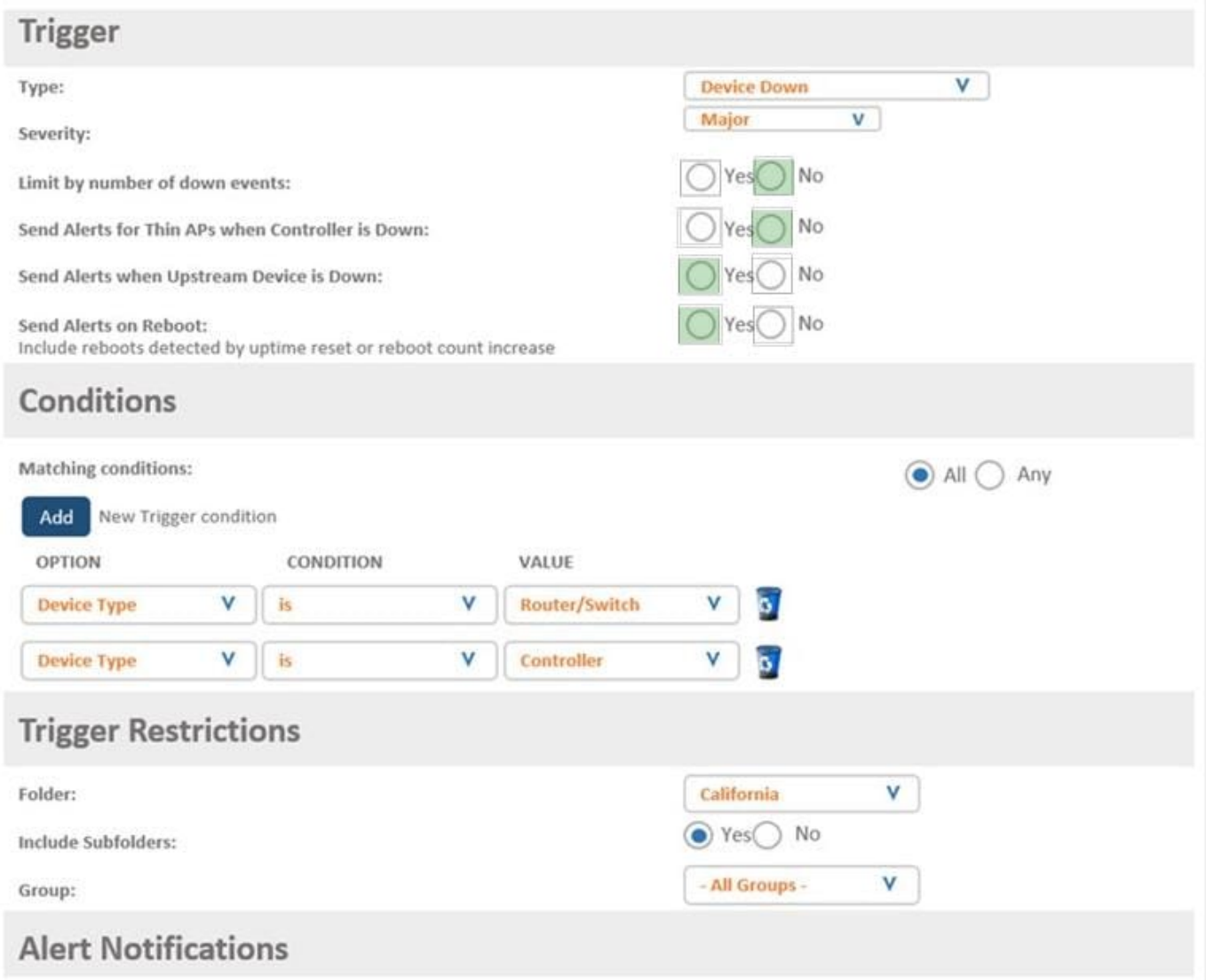
HOTSPOT

A network administrator wants to receive a major alarm every time a controller or an Aruba switch goes down for either a local or an upstream device failure. Which alarm definition must the network administrator create to accomplish this?

Hot Area:



Correct Answer:



QUESTION 6

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 7

Refer to the exhibits. Exhibit 1

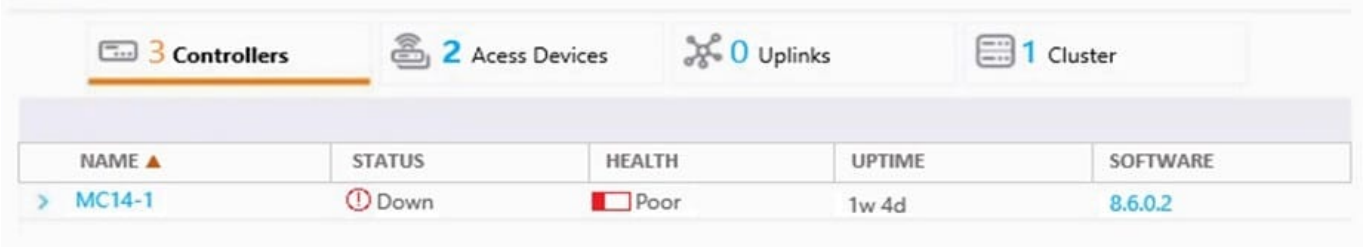


Exhibit 2

```
(MC14-1) *#show cpuload current


top2 - 22:23:48 up  6:11,  0 users,  load average: 0.11, 0.10, 0.08
Tasks: 202 total,   2 running, 198 sleeping,   0 stopped,   2 zombie
Cpu(s):  1.2%us,  2.9%sy,  0.2%ni, 95.6%id,  0.1%wa,  0.0%hi,  0.1%si,  0.0%st
Mem:   3085600k total,  1831312k used,  1254288k free,    19488k buffers
Swap:  1048544k total,        0k used,  1048544k free,   889680k cached

  PID USER      PR  NI  VIRT  RES  SHR S %CPU %MEM    TIME+  COMMAND
 3556 root      20   0  147m  79m  15m R   85  2.7   0:39.54 profmgr
 3017 root      20   0  9472 3952 2656 S   23  0.1   1:30.44 syslogd
 3565 root      10 -10  132m  36m  13m S   15  1.2   0:37.09 auth
 4007 root      20   0 68208 8896 5920 S   10  0.3   0:23.41 ofa
 3497 root      20   0  334m 137m  10m S    6  4.6  11:31.80 fpapps
 3894 root      20   0  124m  23m 5472 S    6  0.8   0:10.00 dds
 4125 root      20   0 52640 6496 3296 S    6  0.2   0:28.97 vrrp
   13 root      20   0     0    0    0 S    4  0.0   0:02.05 events/1
 3583 root      20   0  173m  25m 9696 S    4  0.8   1:47.79 stm
12505 root      20   0  3104 1680 1248 R    4  0.1   0:00.03 top2
 3511 root      20   0 51088 6288 3712 S    2  0.2   0:04.90 pim
 3807 root      20   0  220m  71m 5568 S    2  2.4   0:18.20 fw_visibility
    1 root      20   0  4160 1104  912 S    0  0.0   0:03.13 init
    2 root      20   0     0    0    0 S    0  0.0   0:00.00 kthreadd
```

A network administrator adds a new Mobility Controller (MC) to the production Mobility Master (MM) and deploys APs that start broadcasting the employee SSID in the West wing of the building. Suddenly, the employees report client

disconnects. When accessing the MM the network administrator notices that the MC is unreachable, then proceeds to access the MC\\'s console and obtains the outputs shown in the exhibits.

What should the network administrator do next to solve the current problem?

A. Open a TAC case and send the output of tar crash.

B. Kill two zombie processes then reboot the MC.

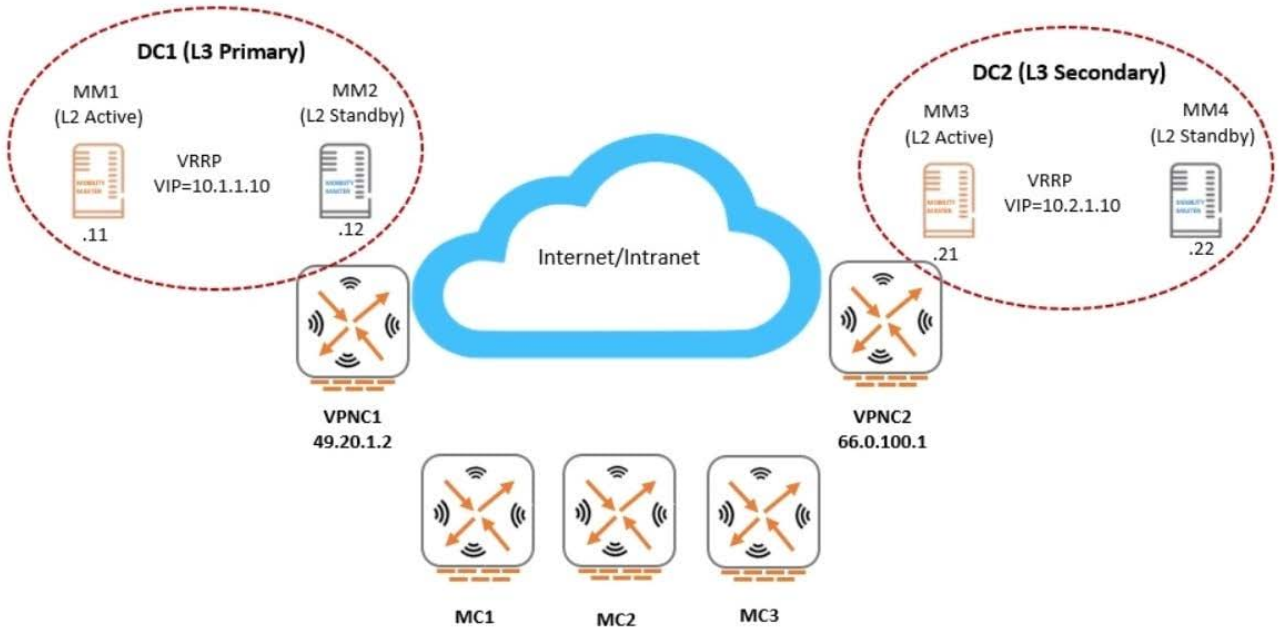
C. Verify the license pools in the MM.

D. Decommission the MC from the MM, and add it again.

Correct Answer: C

QUESTION 8

Refer to the exhibit.




```
(MC2) #show running-config | include masterip
Building Configuration...
masterip 10.1.1.10 vpn-ip 19.20.1.2 ipsec aruba123 peer-id xx:xx:xx:xx:xx:xx
secondary masterip 10.2.1.10 vpn-ip 66.0.100.1 ipsec-factory-cert vpn-mac-1 xx:xx:xx:xx:yy:yy interface vlan 140
(MC2) #
```

An Aruba network is deployed with L2 and L3 Mobility Master (MM) redundancy across two datacenters, as shown in the exhibit. The network administrator confirms that all Mobility Controllers (MC) are currently communicating with MM1, which is the L2 Active and, L3 Primary.

Which MM IP will MCs communicate with if MM1 fails?

A. 10.1.1.10

B. 10.1.1.12

C. 10.2.1.10

D. 10.2.1.21

Correct Answer: C

QUESTION 9

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  CNBJOY3O1  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  CNBJOY3O5  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.

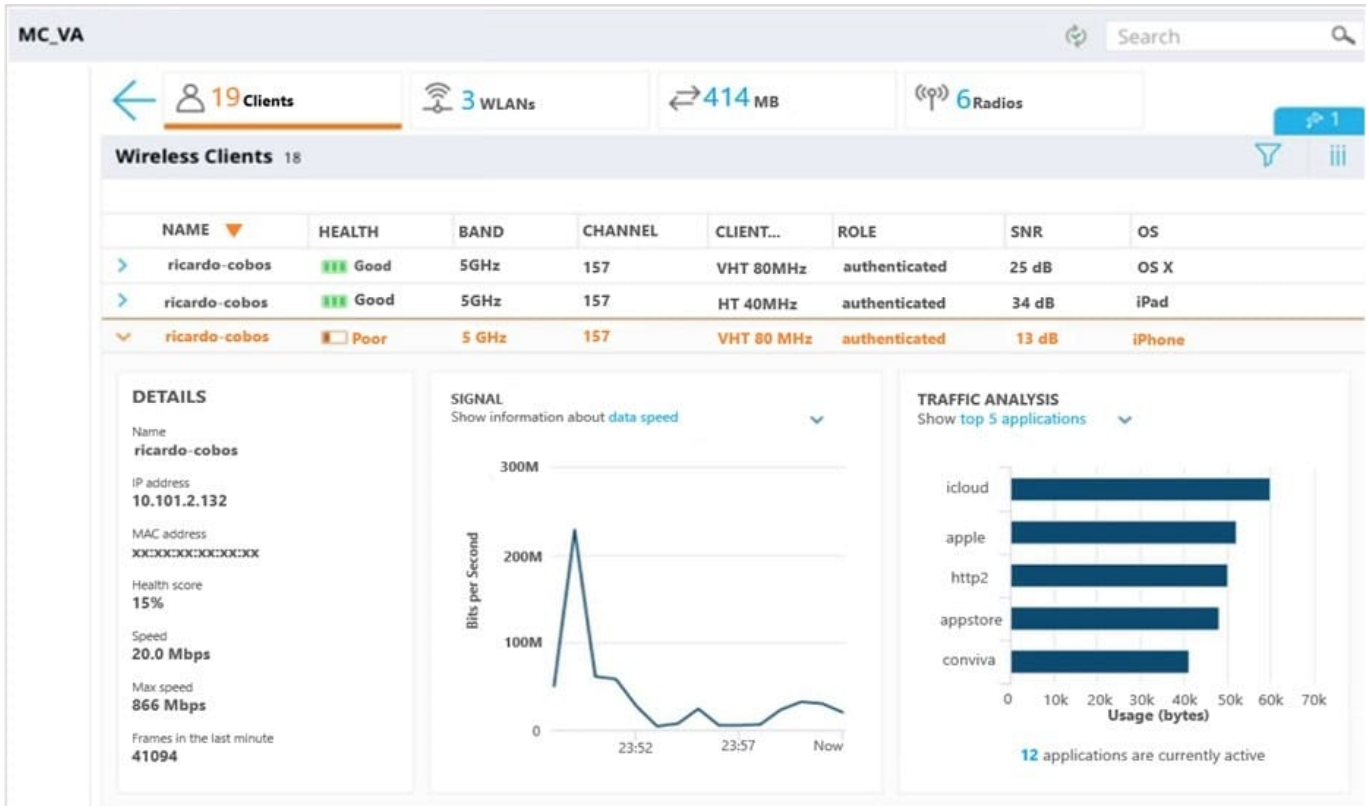
C. Re-provision the AP with a different group, and modify the name of one AP in the whitelist.

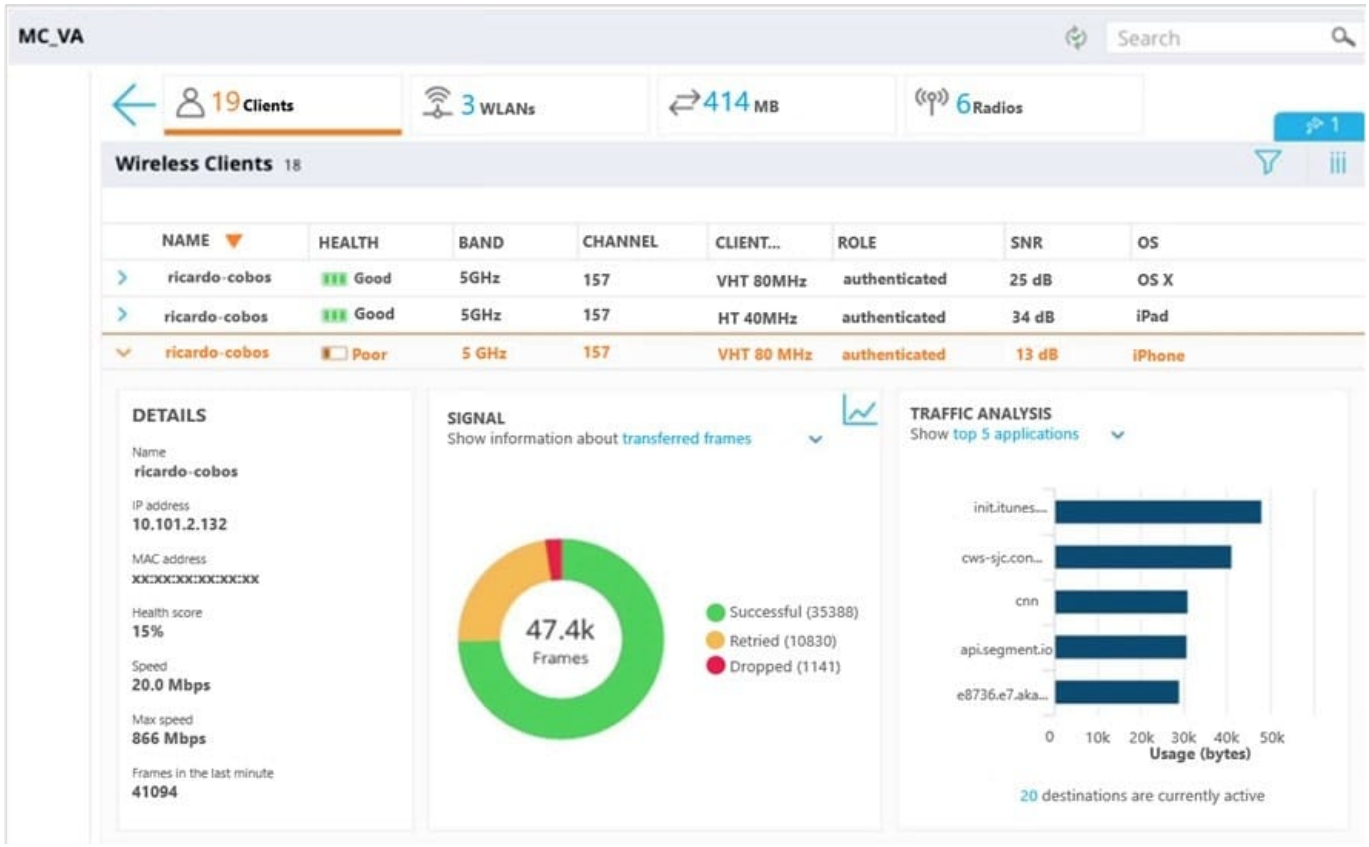
D. Re-provision one of the APs with a different name or modify the name in the whitelist.

Correct Answer: D

QUESTION 10

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.

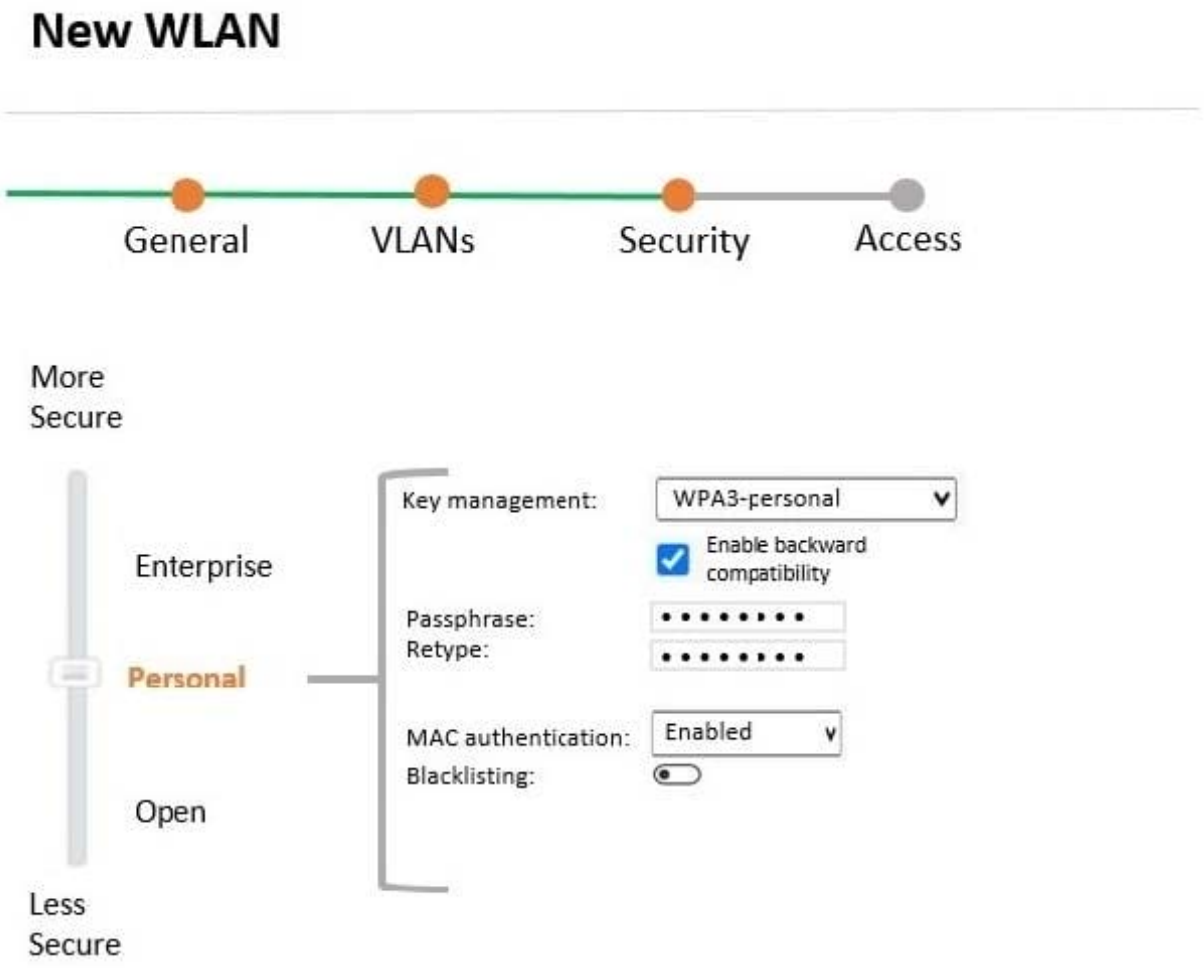
C. Since SNR is good, then the high retransmit rate must be due a hidden node scenario or high interference.

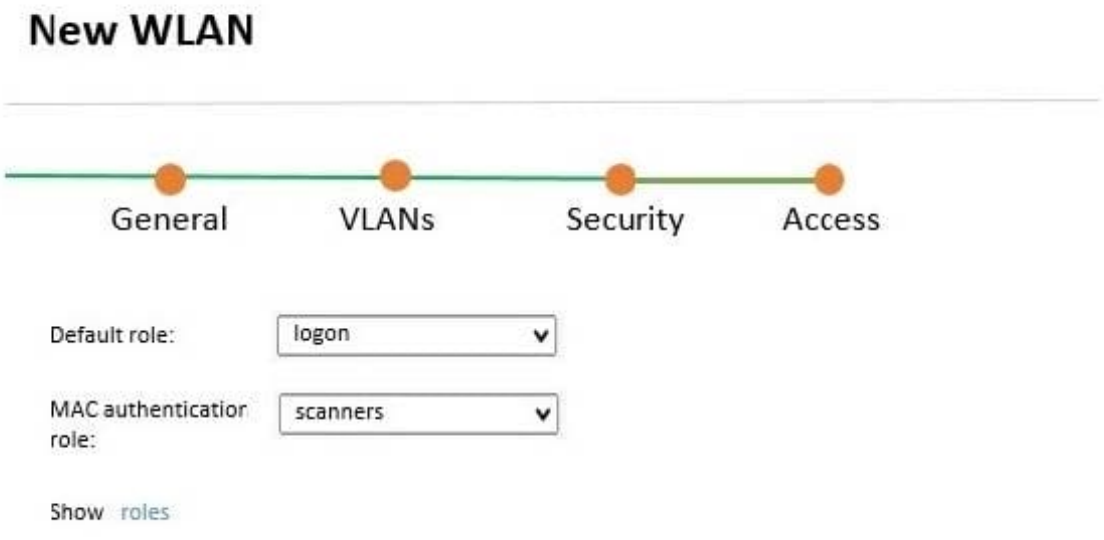
D. High Successful frame count and high Max Speed is an indication of a healthy client. Connection will improve at any time.

Correct Answer: D

QUESTION 11

Refer to the exhibit: A company acquires ten barcode scanners to run inventory tasks. These WiFi devices support WPA2-PSK security only. The network administrator deploys a WLAN named scanners using the configuration shown in the exhibit. What must the network administrator do next to ensure that the scanner devices successfully connect to their SSID?





A. Set internal as the MAC authentication server group.

B. Add scanner MAC addresses in user derivation rules.

C. Enable L2 Authentication Fail Through.

D. Add scanner MAC addresses in the internal database.

Correct Answer: D

QUESTION 12

A joint venture between two companies results in a fully functional WLAN Aruba solution. The network administrator uses the following script to integrate the WLAN solution with two radius servers, radius1 and radius2.

```
aaa authentication-server radius radius1
   host 10.254.1.1
   key key111
!
aaa authentication-server radius radius2
   host 10.20.2.2
   key key222
!
aaa server-group group-corp
auth-server radius1

aaa profile aaa-corp
authentication-dot1x authenticated
dot1x-server-group group-corp
!
wlan ssid-profile ssid-corp
essid corp
opmode wpa2-aes
!
wlan virtual-ap vap-corp
aaa-profile aaa-corp
ssid-profile ssid-corp
!
ap-group building1
virtual-ap vap-corp
```

While all users authenticate with username@domainname.com type of credentials, radius1 has user accounts with the domain name portion. Which additional configuration is required to authenticate corp1.com users with radius1 and corp2 users with radius2?

A.

```
aaa authentication-server radius radius1
trim-fqdn
!
aaa server-group-corp
 auth-server radius1 match-domain corp1.com
 auth-server radius1 match-domain corp2.com
```

B.

```
aaa authentication-server radius radius1
 trim-fqdn
!
aaa server-group-corp
 auth-server radius1 match-authstring corp1.com
 auth-server radius1 match-authstring corp2.com
```

C.

```
aaa authentication-server radius radius1
!
aaa server-group-corp
 auth-server radius1 match-string corp1.com trim-fqdn
 auth-server radius1 match-string corp2.com
```

D.

```
aaa server-group-corp
 auth-server radius1 match-fqdn corp1.com
 auth-server radius1 trim-fqdn
 auth-server radius2 match-fqdn corp2.com
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A