# HPE6-A79<sup>Q&As</sup>

Aruba Certified Mobility Expert Written Exam

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**QUESTION 1**

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    CNBJOY301   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    CNBJOY305   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 2**

Refer to the exhibit.

```
(MC2)  [MDC] #show user mac xx:xx:xx:xx:xx:xx
This operation can take a while depending on number of users. Please be patient ....


Name: contractor14, IP:10.1.141.150, MAC: xx:xx:xx:xx:xx:xx, Age: 00:00:00
Role: contractor (how: ROLE_DERIVATION_DOT1X_VSA), ACL: 128/0
Authentication: Yes, status: successful, method: 802.1x, protocol: EAP-PEAP, server: ClearPass.23
Authentication Servers: dot1x authserver: ClearPass.23, mac authserver:
Bandwidth = No Limit
Bandwidth = No Limit
Role Derivation: ROLE_DERIVATION_DOT1X_VSA
```

A network administrator is evaluating a deployment to validate that a user is assigned the proper role and reviews the output in the exhibit. How is the role assigned to user?

A. The MC assigned the role based on Aruba VSAs.

B. The MC assigned the machine authentication default user role.

C. The MC assigned the default role based on the authentication method.

D. The MC assigned the role based on server derivation rules.

Correct Answer: C

**QUESTION 3**

Refer to the exhibit.

```
(MM)[mynode] #show airmatch event all-events ap-name AP2

Band   Event Type    Radio                 Timestamp             Chan    CBW       New Chan   New CBW   APName
----   ------------  -------------------   -------------------   ------  --------- ---------- --------- ---------
5GHz   RADAR_DETECT  xx:xx:xx:xx:xx:xx     2018-07-25_07:50:05    100    80MHz        149     80MHz  AP2
5GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-24_07:48:42    124    80MHz        100     80MHz  AP2
5GHz   RADAR_DETECT  xx:xx:xx:xx:xx:xx     2018-07-23_16:44:36    100    80MHz        124     80MHz  AP2
5GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-20_19:12:34    157    80MHz        100     80MHz  AP2
5GHz   RADAR_DETECT  xx:xx:xx:xx:xx:xx     2018-07-20_10:02:30    100    80MHz        157     80MHz  AP2
5GHz   RADAR_DETECT  xx:xx:xx:xx:xx:xx     2018-07-20_08:34:31     56    80MHz        100     80MHz  AP2

2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-25_08:31:31     11    20MHz          6     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-25_08:31:31      6    20MHz          1     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-24_07:46:34      1    20MHz         11     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-24_07:46:33      6    20MHz          1     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-23_15:13:15     11    20MHz          6     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-23_15:12:12      1    20MHz         11     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-20_08:07:27     11    20MHz          1     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-20_08:07:26      6    20MHz         11     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-19_19:22:45      1    20MHz          6     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-19_19:22:44     11    20MHz          1     20MHz  AP2
2GHz   NOISE_DETECT  xx:xx:xx:xx:xx:xx     2018-07-19_10:45:23      1    20MHz         11     20MHz  AP2
```

A network administrator deploys a Mobility Master (MM) - Mobility Controller (MC) network with Aps in different locations. Users in one of the locations report that the WiFi network works fine for several hours, and then they are suddenly

disconnected. This symptom may happen at any time, up to three times every day, and lasts no more than two minutes.

After some research, the network administrator logs into the MM and reviews the output shown in the exhibit.

Based on this information, what is the most likely reason users get disconnected?

A. Adaptive Radio Management is reacting to RF events.

B. AirMatch is applying a scheduled optimization solution.

C. Users in the 2.4 GHz band are being affected by high interference.

D. AirMatch is reacting to non-scheduled RF events.

Correct Answer: C

**QUESTION 4**

A network administrator assists with the migration of a WLAN from a third-party vendor to Aruba in different locations throughout the country. In order to manage the solution from a central point, the network administrator decides to deploy redundant Mobility Masters (MMs) in a datacenter that are reachable through the Internet.

Since not all locations own public IP addresses, the security team is not able to configure strict firewall polices at the datacenter without disrupting some MM to Mobility Controller (MC) communications. They are also concerned about exposing the MMs to unauthorized inbound connection attempts.

What should the network administrator do to ensure the solution is functional and secure?

A. Deploy an MC at the datacenter as a VPN concentrator.

B. Block all inbound connections, and instruct the MM to initiate the connection to the MCs.

C. Block all ports to the MMs except UDP 500 and 4500.

D. Install a PEFV license, and configure firewall policies that protect the MM.

Correct Answer: C

**QUESTION 5**

A network administrator wants to permit explicit SSH, FTP and HHTP(s) access to servers in the 10.100.20.5 to 10.100.20.31 range, all devices in 10.100.21.0/24 network, and a host with IP address 10.100.22.70. The services must work properly at all times.

Which configuration scripts accomplish this task with the fewer number of lines, while avoiding access to other devices not included in these ranges? (Choose two.)

A.

```
ip access-list session access2servers
    user alias file&web_servers svc http permit
    user alias file&web_servers svc-https permit
    user alias file&web_servers svc-ssh permit
    user alias file&web_servers svc-ftp permit
```

B.

```
netdestination file&web_servers
    host 10.100.22.70
    range 10.100.20.5 to 10.100.20.21
    range 10.100.20.22 to 10.100.20.31
    network 10.100.21.0 255.255.255.0
```

C.

```
netdestination file&web_servers
host 10.100.22.70
network 10.100.20.0 255.255.255.0
network 10.100.21.0 255.255.255.0
```

D.

```
netdestination file&web_servers
    host 10.100.22.70
    network 10.100.20.0 255.255.255.0
    network 10.100.21.0 255.255.255.0
```

E.

```
ip access-list session access2servers
    user alias file&web_servers tcp 20 permit
    user alias file&web_servers tcp 21 permit
    user alias file&web_servers tcp 22 permit
    user alias file&web_servers tcp 80 permit
    user alias file&web_servers tcp 443 permit
```

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: AB