HPE6-A79 Q&As

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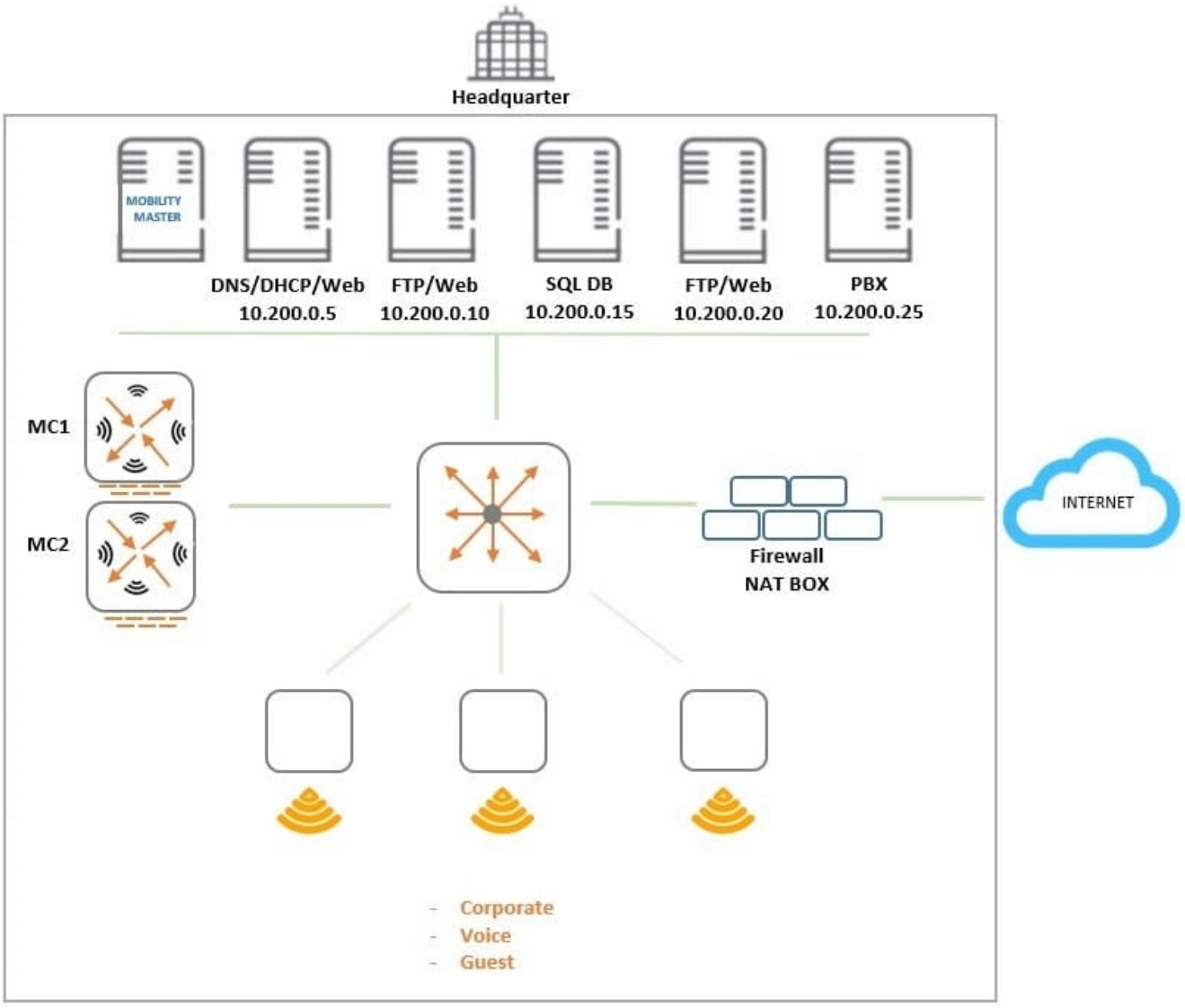
QUESTION 1

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 2

A network administrator has deployed an Airwave Management Platform (AMP) server and integrated it with a Mobility Master (MM) ?Mobility Controller (MC) based WLAN. The AMP server already has all Aruba Mobility devices including Access Points (APs) in the "UP" devices list.

What are two actions the administrator can execute upon the APs under "Airwave>Devices>Monitor"? (Choose two.)

A. Open the WebUI of the MC where the AP terminates.

B. Re-provision the Access Point.

C. Disable and change the mode of the AP\\'s radios.

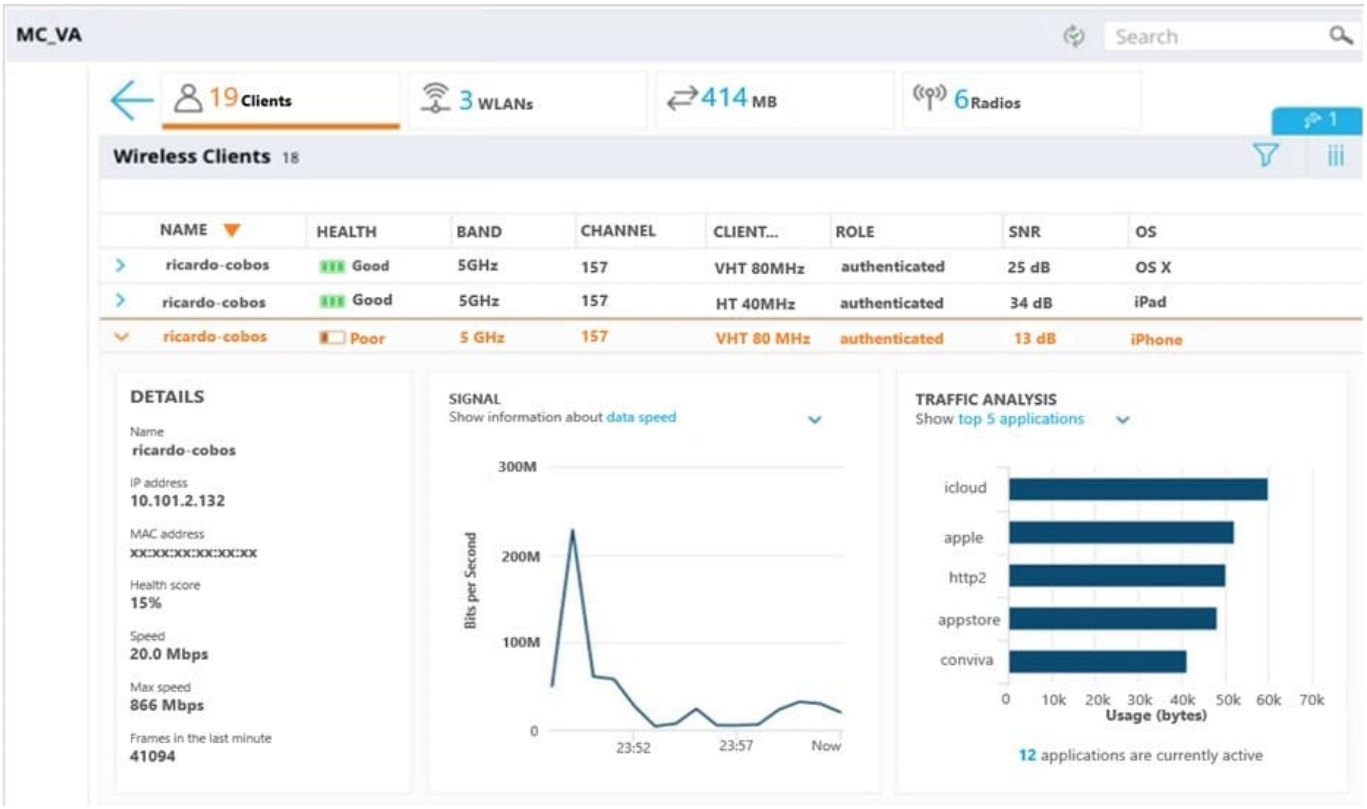
D. Invoke MC\\'s show commands for that Access Point.

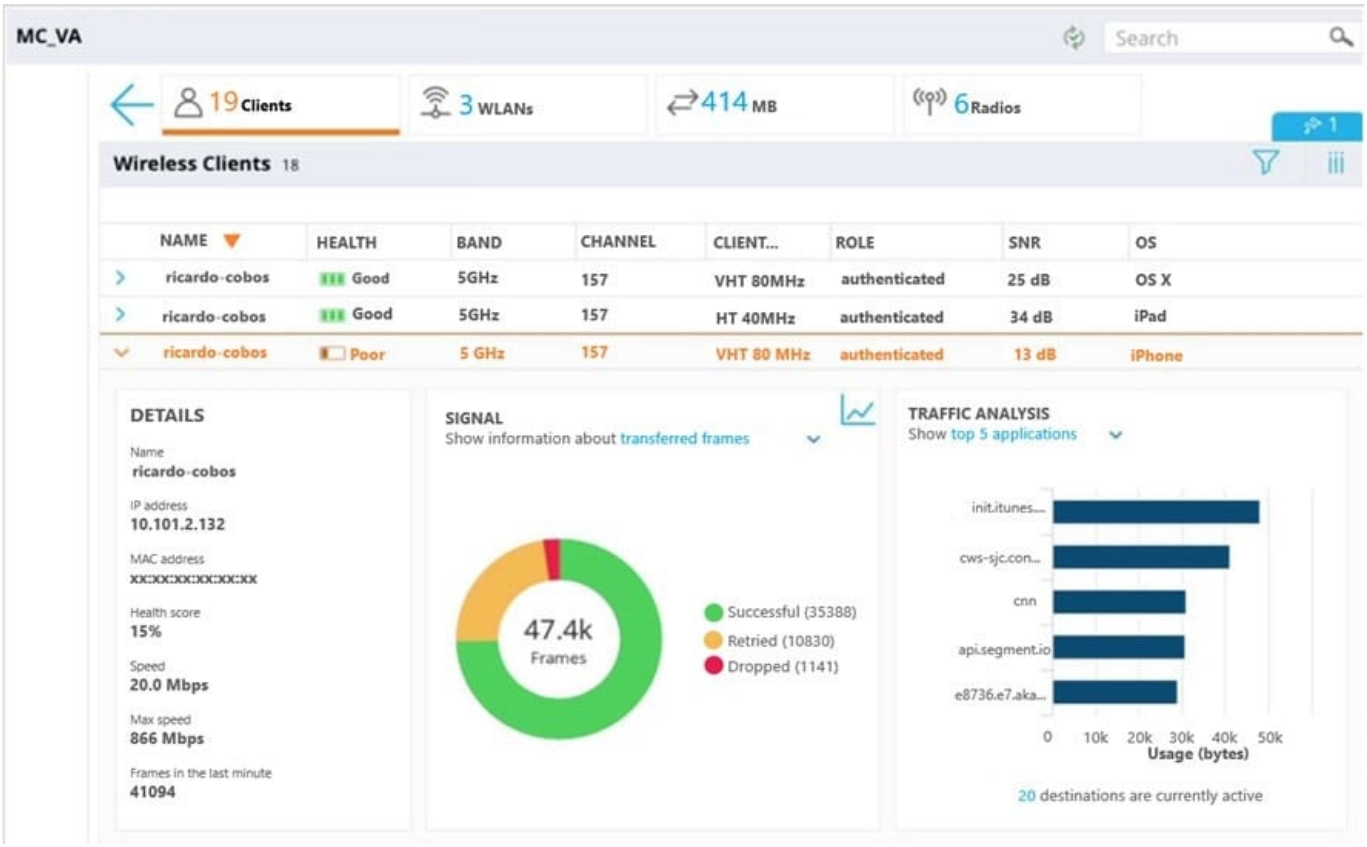
E. Run Spectrum Analysis locally.

Correct Answer: DE

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

Refer to the exhibit.

```
(MC14-1) #show aaa authentication dot1x Corp-Network

802.1x Authentication Profile "Corp-Network"
-------------------------------------------
Parameter                                          Value
---------                                          -----
Max authentication failures                        0
Enforce Machine Authentication                     Enabled
Machine Authentication: Default Machine Role       guest
Machine Authentication Cache Timeout               24 hr(s)
Blacklist on Machine Authentication Failure        Disabled
Machine Authentication: Default User Role          guest
Interval between Identity Requests                 5 sec
Quiet Period after Failed Authentication           30 sec
Reauthentication Interval                          86400 sec
Use Server provided Reauthentication Interval      Disabled
Use the termination-action attribute from the Server  Disabled
Multicast Key Rotation Time Interval               1800 sec
Unicast Key Rotation Time Interval                 900 sec
Authentication Server Retry Interval               5 sec
Authentication Server Retry Count                  3
Framed MTU                                         1100 bytes
Max number of requests sent during an Auth attempt  5
Max Number of Reauthentication Attempts            3
Maximum number of times Held State can be bypassed  0
Dynamic WEP Key Message Retry Count                1
Dynamic WEP Key Size                               128 bits
Interval between WPA/WPA2 Key Messages             1000 msec
Delay between EAP-Success and WPA2 Unicast Key Exchange  0 msec
Delay between WPA/WPA2 Unicast Key and Group Key Exchange 0 msec
Time interval after which the PMKSA will be deleted  8 hr(s)
Delete Keycache upon user deletion                 Disabled
WPA/WPA2 Key Messages Retry Count                  3
Multicast Key Rotation                             Disabled
Unicast Key Rotation                               Disabled
Reauthentication                                   Disabled
Opportunistic Key Caching                          Enabled
```

The network administrator must ensure that the configuration will force users to authenticate periodically every eight hours. Which configuration is required to effect this change?

A. Set the reauth-period to 28800 enable reauthentication in the dot1x profile.

B. Set the reauth-period to 28800 enable reauthentication in the AAA profile.

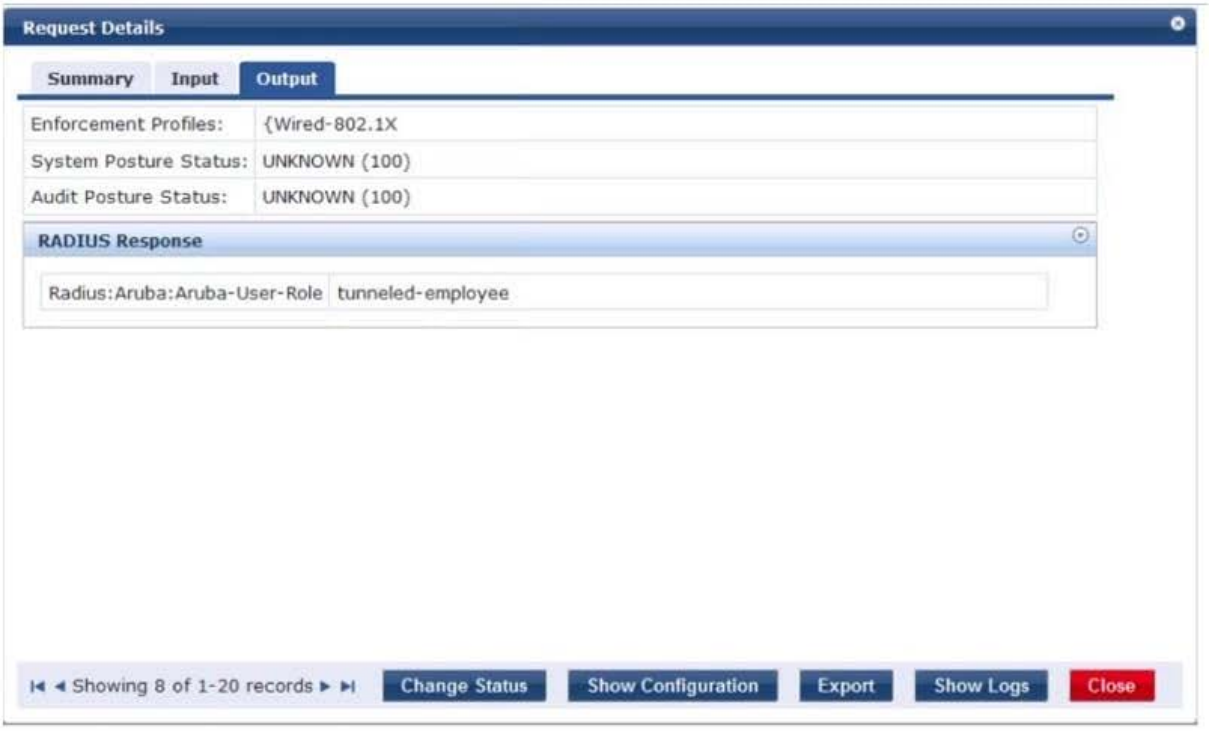
C. Set the reauth-period to 28800 enable reauthentication in both dot1x and AAA profile.

D. Set the reauth-period to 28800 in the dot1x profile and enable reauthentication in the AAA profile.

Correct Answer: A

QUESTION 5

Refer to the exhibits.




```
Access-1# show ubt users all

Displaying All UBT Users for Zone: zone1
Downloaded user roles are preceded by *
Port        Mac-Address        Tunnel Status        Secondary-UserRole   Failure Reason
-------------------------------------------------------------------------------------------

Access-1#
Access-1# show ubt state

Local Master Server (LMS) State:

LMS Type      IP Address    State
-----------------------------------------------------
Primary     : 10.1.224.100 ready_for_bootstrap
Secondary   : 10.1.140.100 ready_for_bootstrap

Switch Anchor Controller (SAC) State:

              IP Address      MAC Address          State
-----------------------------------------------------------------------
Active      : 10.1.224.100    xx:xx:xx:xx:xx:xx    Registered

Access-1#
Access-1# show aaa authentication port-access int 1/1/20 client-status

Port Access Client Status Details

Client xx:xx:xx:xx:yy:yy, philip.swift
============================
  Session Details
  ---------------
    Port         : 1/1/20
    Session Time : 378s

  Authentication Details
  ----------------------
    Status          : dot1x Authenticated
    Auth Precedence : dot1x - Authenticated, mac-auth - Not attempted

  Authorization Details
  ---------------------
    Role   :
    Status : Invalid

Access-1# ■
```

A network administrator deploys User Based Tunneling (UBT) in a corporate network to unify the security policies enforcement. When users authenticate with 802.1X, ClearPass shows Accept results, and sends the Aruba-User-Role attribute as expected. However, the AOS-CX based switch does not seem to build the tunnel to the Mobility Controller (MC) for this user.

Why does the switch fail to run UBT for the user?

A. The switch has not fully associated to the MC.

B. ClearPass is sending the wrong Vendor ID.

C. The switch is not configured with the gateway-role.

D. ClearPass is sending the wrong VSA type.

E. The switch is not configured with the port-access role.

Correct Answer: B