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QUESTION 1

An Aruba Mobility Master (MM) - Mobility Controller (MC) solution is connected to a wired network that is ready to prioritize DSCP marked traffic. A group of WMM-enabled clients sends traffic marked at L2 only.

What must the network administrator do to map those markings to DSCP equivalent values when traffic is received by the APs?

A. Enable WMM in the SSID profile.

B. Enable WMM in the VAP profile.

C. Enable Skype4Business ALG Support.
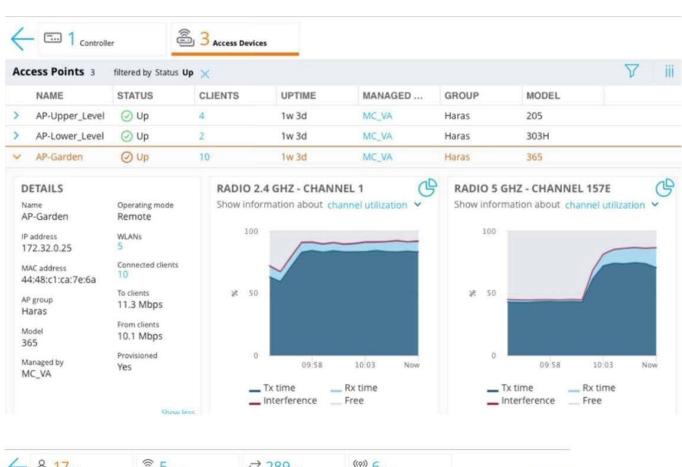
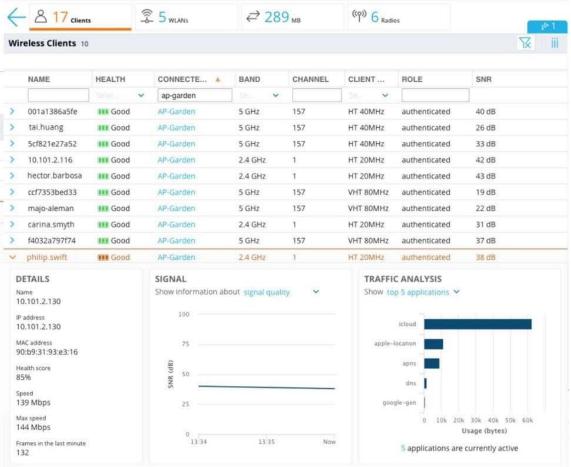D. Enable traffic to be marked with session ACLs.

Correct Answer: B

QUESTION 2

Refer to the exhibits.

[←] [▭] 1 Controller   [signal] 3 Access Devices

Access Points 3   filtered by Status Up ✕   [filter] [iii]

	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 ∨

— Tx time   — Rx time
— Interference   — Free

RADIO 5 GHZ - CHANNEL 157E

Show information about channel utilization ∨

— Tx time   — Rx time
— Interference   — Free

[←] [person] 17 Clients   [signal] 5 WLANs   [⇄] 289 MB   [((·))] 6 Radios   [⏻1]

Wireless Clients 10   [filter] [iii]

	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 ∨

TRAFFIC ANALYSIS

Show top 5 applications ∨

icloud
apple-location
apns
dns
google-gen

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

A customer wants a WLAN solution that permits Aps to terminate WPA-2 encrypted traffic from different SSIDs to different geographic locations where non-related IT departments will take care of enforcing security policies. A key requirement is to minimize network congestion, overhead, and delay while providing data privacy from the client to the security policy enforcement point. Therefore, the solution must use the shortest path from source to destination.

Which Aruba feature best accommodates this scenario?

A. Inter MC S2S IPsec tunnels

B. RAPs

C. Multizone Aps

D. VIA

E. Inter MC GRE tunnels

Correct Answer: B

QUESTION 4

Refer to the exhibit.

```
(MC_VA) [mynode] #show aaa debug role user mac xx:xx:xx:xx:xx:xx


Role Derivation History
=======================
    0: l2 role->logon, mac user created
    1: l2 role->authenticated, station Authenticated with auth type: 802.1x
    2: l2 role->corp, RFC 3576 l3 role change COA
(MC_VA) [mynode] #
```

A network administrator has Mobility Master (MM) - Mobility Controller (MC) based network and has fully integrated the MCs with ClearPass for RADIUS-based AAA services. The administrator is testing different ways to run user role derivation.

Based on the show command output, what method has the administrator use for assigning the "corp" role to client with MAC xx:xx:xx:xx:xx:xx?

A. Dynamic Authorization using VSA attributes.

B. Dynamic Authorization using IETF attributes.

C. Server Derivation Rules using IETF attributes.

D. User Derivation Rules using the client\\'s MAC.

Correct Answer: A

QUESTION 5

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

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