HPE6-A79 Q&As

Aruba Certified Mobility Expert Written Exam

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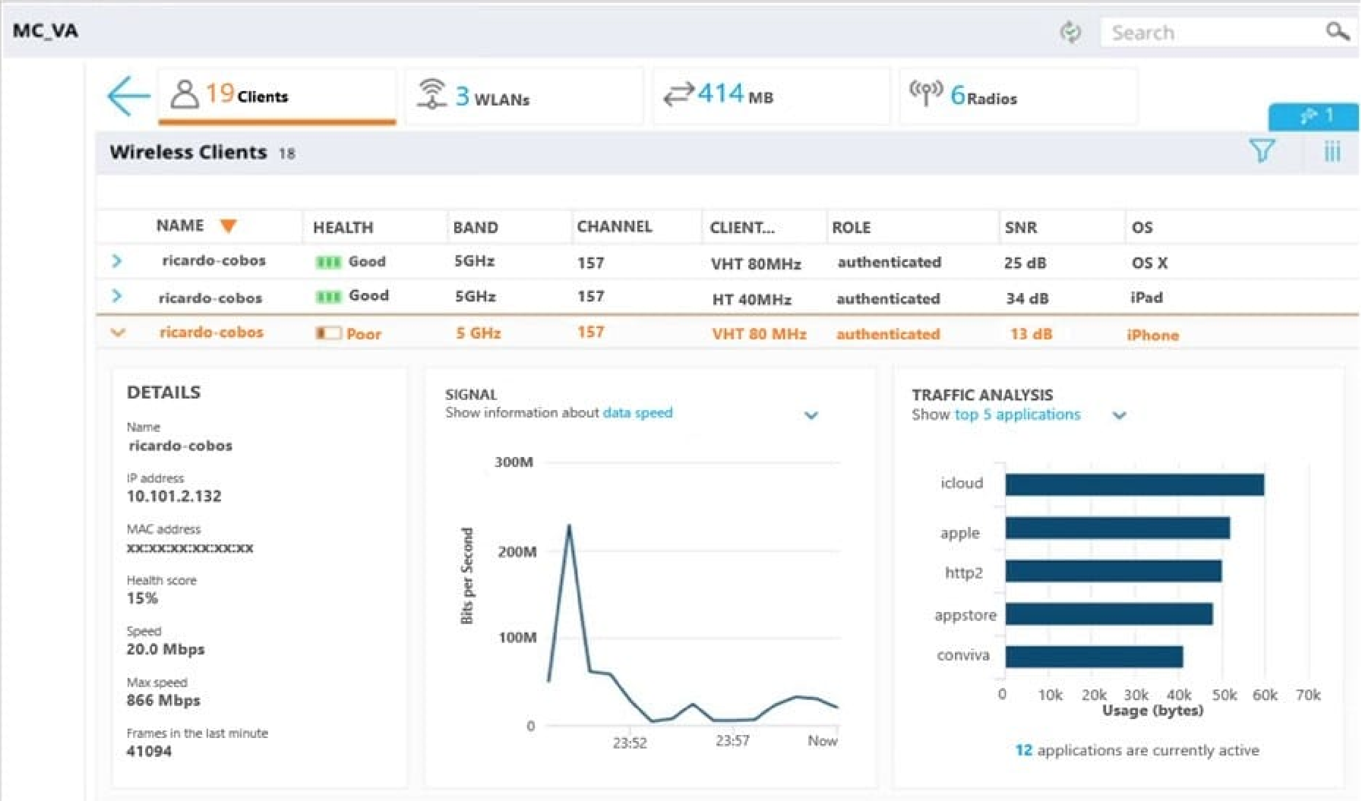
Following Questions and Answers are all new published by HP Official Exam Center

QUESTION 1

Refer to the exhibits.



MC_VA

Search

19 Clients | 3 WLANs | 414 MB | 6 Radios

Wireless Clients 18

	NAME ▼	HEALTH	BAND	CHANNEL	CLIENT...	ROLE	SNR	OS
>	ricardo-cobos	Good	5GHz	157	VHT 80MHz	authenticated	25 dB	OS X
>	ricardo-cobos	Good	5GHz	157	HT 40MHz	authenticated	34 dB	iPad
⌄	ricardo-cobos	Poor	5 GHz	157	VHT 80 MHz	authenticated	13 dB	iPhone

DETAILS

Name
ricardo-cobos

IP address
10.101.2.132

MAC address
xx:xx:xx:xx:xx:xx

Health score
15%

Speed
20.0 Mbps

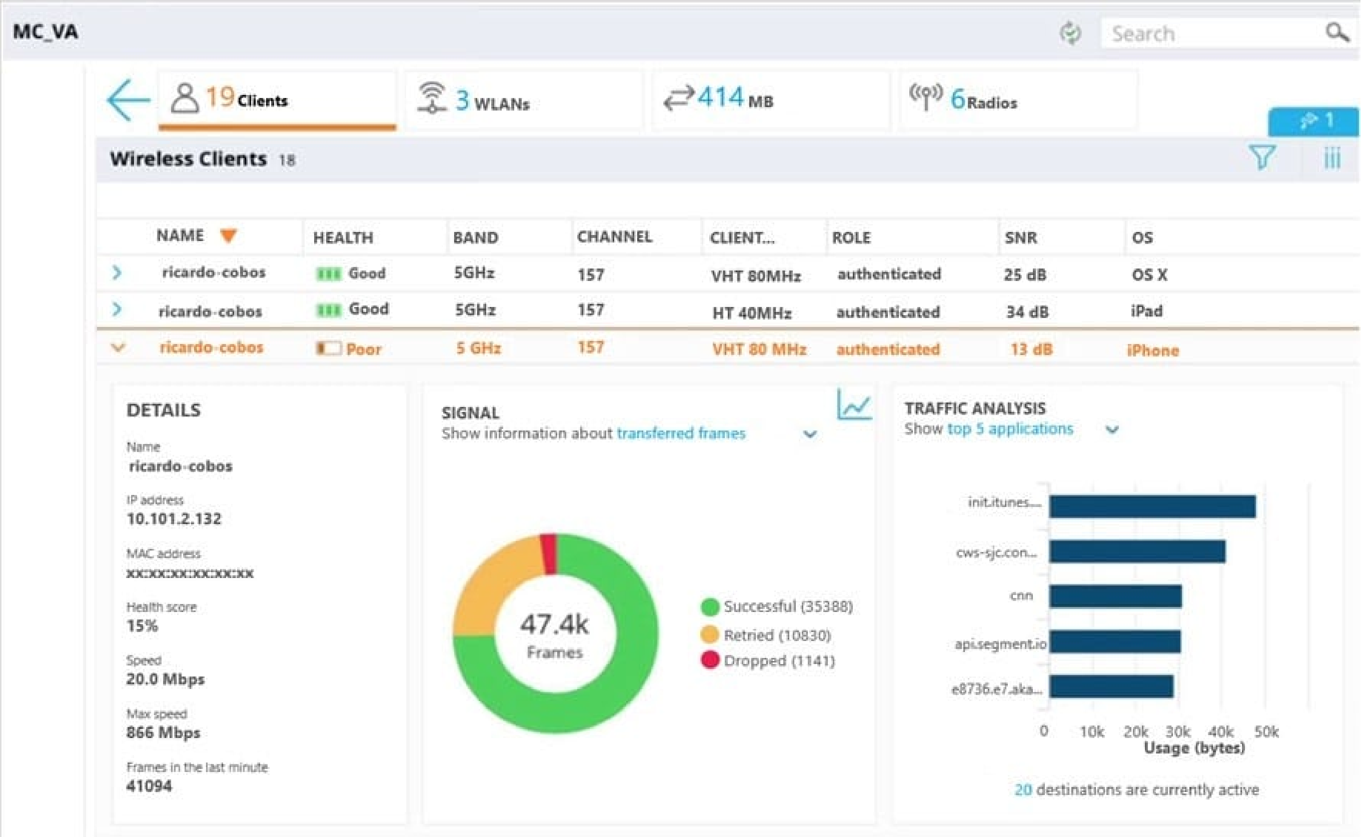
Max speed
866 Mbps

Frames in the last minute
41094

SIGNAL
Show information about data speed

TRAFFIC ANALYSIS
Show top 5 applications

12 applications are currently active



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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.

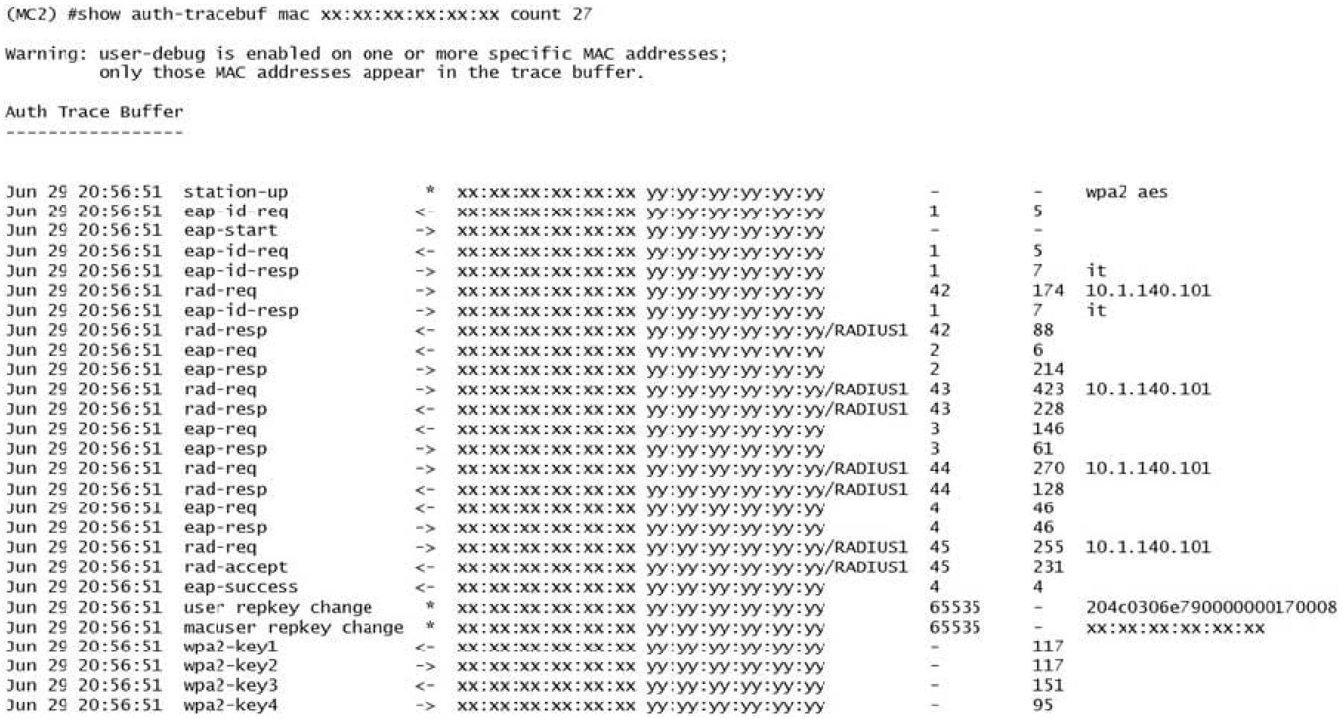
C. Since SNR is good, then the high retransmit rate must be due a hidden node scenario or high interference.

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 2

Refer to the exhibit.



```
(MC2) #show auth-tracebuf mac xx:xx:xx:xx:xx:xx count 27

Warning: user-debug is enabled on one or more specific MAC addresses;
         only those MAC addresses appear in the trace buffer.

Auth Trace Buffer
-----------------


Jun 29 20:56:51  station-up             *  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          -      -    wpa2 aes
Jun 29 20:56:51  eap-id-req            <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          1      5
Jun 29 20:56:51  eap-start             ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          -      -
Jun 29 20:56:51  eap-id-req            <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          1      5
Jun 29 20:56:51  eap-id-resp           ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          1      7    it
Jun 29 20:56:51  rad-req               ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          42     174  10.1.140.101
Jun 29 20:56:51  eap-id-resp           ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          1      7    it
Jun 29 20:56:51  rad-resp              <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  42     88
Jun 29 20:56:51  eap-req               <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          2      6
Jun 29 20:56:51  eap-resp              ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          2      214
Jun 29 20:56:51  rad-req               ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  43     423  10.1.140.101
Jun 29 20:56:51  rad-resp              <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  43     228
Jun 29 20:56:51  eap-req               <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          3      146
Jun 29 20:56:51  eap-resp              ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          3      61
Jun 29 20:56:51  rad-req               ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  44     270  10.1.140.101
Jun 29 20:56:51  rad-resp              <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  44     128
Jun 29 20:56:51  eap-req               <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          4      46
Jun 29 20:56:51  eap-resp              ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          4      46
Jun 29 20:56:51  rad-req               ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  45     255  10.1.140.101
Jun 29 20:56:51  rad-accept            <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy/RADIUS1  45     231
Jun 29 20:56:51  eap-success           <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          4      4
Jun 29 20:56:51  user repkey change     *  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          65535  -    204c0306e790000000170008
Jun 29 20:56:51  macuser repkey change  *  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          65535  -    xx:xx:xx:xx:xx:xx
Jun 29 20:56:51  wpa2-key1             <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          -      117
Jun 29 20:56:51  wpa2-key2             ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          -      117
Jun 29 20:56:51  wpa2-key3             <-  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          -      151
Jun 29 20:56:51  wpa2-key4             ->  xx:xx:xx:xx:xx:xx yy:yy:yy:yy:yy:yy          -      95
```

Based on the output shown in the exhibit, which wireless connection phase has just completed?

A. L3 authentication and encryption

B. MAC Authentication and 4-way handshake

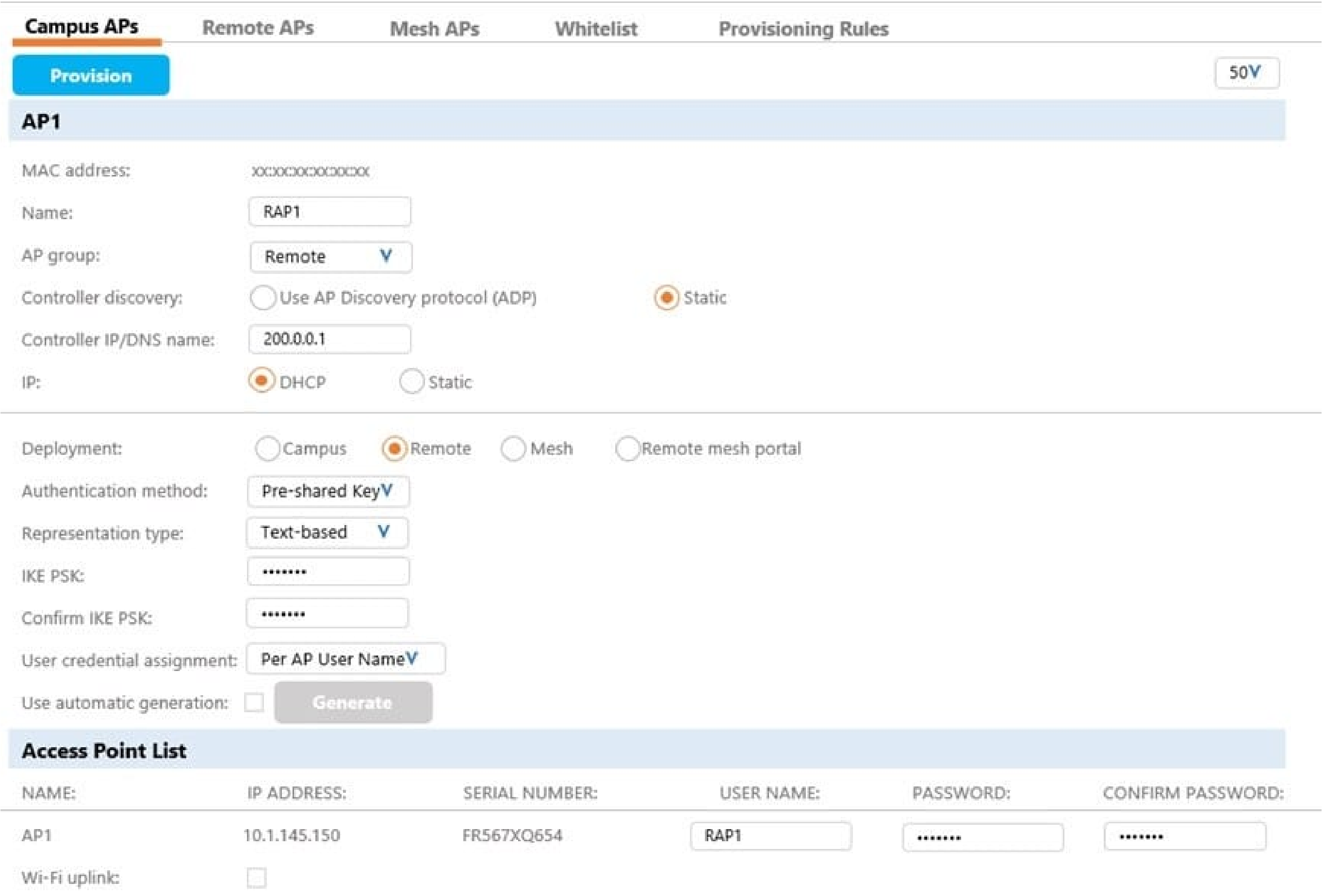
C. 802.11 enhanced open association

D. L2 authentication and encryption

Correct Answer: A

QUESTION 3

Refer to the exhibit.



AP1

MAC address:	xx:xx:xx:xx:xx:xx
Name:	RAP1
AP group:	Remote
Controller discovery:	○ Use AP Discovery protocol (ADP) ● Static
Controller IP/DNS name:	200.0.0.1
IP:	● DHCP ○ Static
Deployment:	○ Campus ● Remote ○ Mesh ○ Remote mesh portal
Authentication method:	Pre-shared Key
Representation type:	Text-based
IKE PSK:	•••••••
Confirm IKE PSK:	•••••••
User credential assignment:	Per AP User Name
Use automatic generation:	□ Generate

Access Point List

NAME:	IP ADDRESS:	SERIAL NUMBER:	USER NAME:	PASSWORD:	CONFIRM PASSWORD:
AP1	10.1.145.150	FR567XQ654	RAP1	•••••••	•••••••
Wi-Fi uplink:	□				

A network administrator has a Mobility Master (MM) Mobility Controller (MC) architecture along with the MC in the DMZ for terminating RAPs. The network firewall has been provisioned to allow access to the MC in the DMZ for both UDP 500 and 4500. Then he proceeds to provision an AP as shown in the exhibit.

Which additional configuration steps must the administrator to assure RAPs successfully contact the MC? (Choose two.)

A. Create the RAP1 account in the InternalDB of the MC.

B. Create an IP local pool and PSK at the device node level.

C. Create the RAP1 account in the InternalDB of the MM.

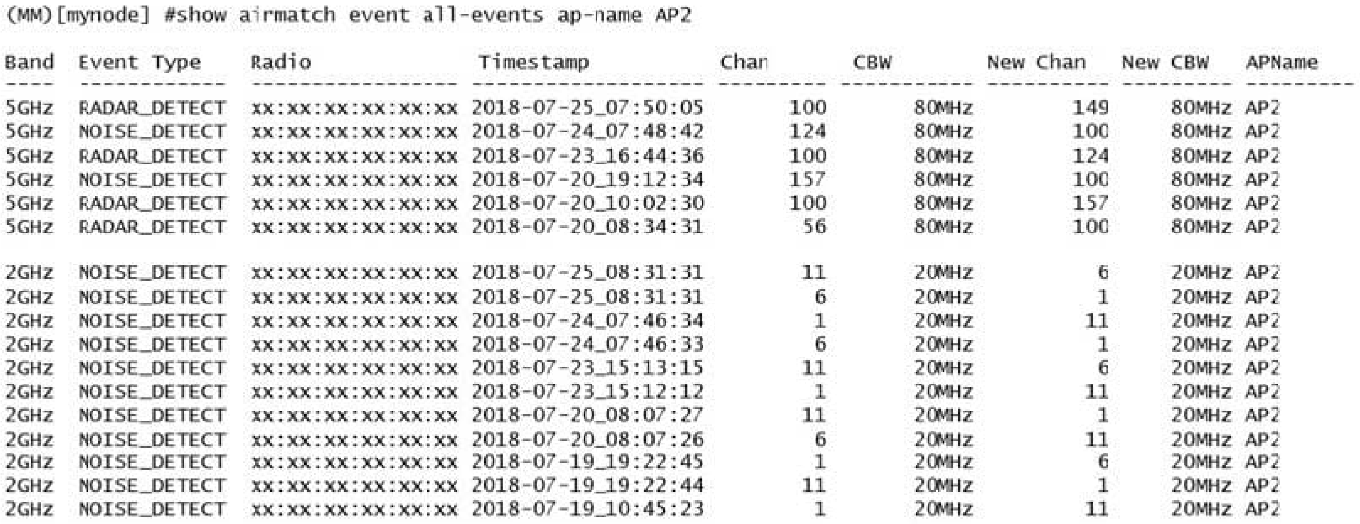
D. Add the RAP1 entry in the CPsec whitelist at the MM level.

E. Create an IP local pool and PSK at the /mm/mynode level.

Correct Answer: DE

QUESTION 4

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 5

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