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QUESTION 1

Refer to the exhibit.

```
(MC14-1) #show log security 180

Jul 16 01:09:55    :124004:    <3573> <DBUG> |authmgr| Select server for method=802.1x,
user=host/wireless14.training.arubanetworks.com, essid=Corp-network, server-group=CAMPUS, last_srv <>
Jul 16 01:09:55    :124038:    <3573> <INFO> |authmgr| Reused server ClearPass for method=802.1x;
user=host/wireless14.training.arubanetworks.com, essid Corp-network, domain=<>, server-group=CAMPUS
Jul 16 01:09:55    :124004:    <3573> <DBUG> |authmgr| aal_auth_raw (1399) (INC) : os_auths 1, s ClearPass type 2 inservice 1
markedD 0 sg_name CAMPUS
Jul 16 01:09:55    :124004:    <3573> <DBUG> |authmgr| aal_auth_raw (1402) (INC) : os_reqs 1, s ClearPass type 2 inservice 1 markedD
0
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_api.c:152] Radius authenticate raw using server ClearPass
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_request.c:67] Add Request: id=18, server=ClearPass, IP=10.254.1.23,
server-group=CAMPUS, fd=87
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2367] Sending radius request to ClearPass: 10.254.1.23:1812
id:18, len:249
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] User-Name:
host/wireless14.training.arubanetworks.com
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] NAS-IP-Address: 10.254.10.214
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] NAS-Port-Id: 0
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] NAS-Identifier: 10.1.140.100
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] NAS-Port-Type: Wireless-IEEE802.11
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Calling-Station-Id: 704D7B109EC6
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Called-Station-Id: 204C0306E5C0
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Service-Type: Framed-User
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Framed-MTU: 1100
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] EAP-Message: \002\006
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Aruba-Essid-Name: Corp-network
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Aruba-Location-Id: AP21
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Aruba-AP-Group: CAMPUS
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2381] Aruba-Device-Type: (VSA with invalid
length – Don't send it)
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:2383] Message-Auth: phu\025\347\376\016\030
\253a-\014a\033\200\234
Jul 16 01:09:55    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_sequence.c:117] seq_num_timeout_handler: Freed 0
entries
Jul 16 01:10:00    :124004:    <3573> <WARN> |authmgr| |aaa| RADIUS server ClearPass server-group CAMPUS –
10.254.1.23-1812 timoeout for client=70:4d:7b:10:9e:c6 auth method 802.1x
Jul 16 01:10:00    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_server.c:1203] Sending radius request to ClearPass
server-group CAMPUS -10.254.1.23-1812 (retry1)
Jul 16 01:10:00    :124004:    <3573> <DBUG> |authmgr| APAE_Aborting_Timeout (5076) (DEC) : os_auths 0, s ClearPass
type 2 inservice 1 markedD 0 sg_name CAMPUS
Jul 16 01:10:00    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_request.c:95] Find Request: id=18, server=(null), IP=
10.254.1.23, server-group=(null) fd=87
Jul 16 01:10:00    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_request.c:104] Current entry: server= (null), IP=
10.254.1.23, server-group=(null), fd=87
Jul 16 01:10:00    :121014:    <3573> <ERRS> |authmgr| |aaa| Received invalid reply digest from RADIUS server
Jul 16 01:10:00    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc_request.c:48] Del Request: id=18, server=ClearPass, IP=
10.254.1.23, server-group=CAMPUS fd=87
Jul 16 01:10:00    :121031:    <3573> <DBUG> |authmgr| |aaa| [rc api.c:1228] Bad or unknown response from AAA server
```

A network administrator deploys a new WLAN named Corp-Network. The security suite is WPA2 with 802.1X. A new ClearPass server is used as the authentication server. Connection attempts to this WLAN are rejected, and no trace of the attempt is seen in the ClearPass Policy Manager Access Tracker. However, the network administrator is able to see the logs shown in the exhibit.

What must the network administrator do to solve the problem?

A. Add the correct network device IP address in ClearPass.

B. Change the ClearPass server IP address in the MC.

C. Fix the RADIUS shared secret in the MC.

D. Disable machine authentication in the MC and client PC.

Correct Answer: D

QUESTION 2

A bank deploys an Aruba Mobility Master (MM)-Mobility Controller (MC) solution to provide wireless access for users that run different applications on their laptops, including SIP-based IP telephony. When users only run the IP telephony software, call quality is high. However, if users also run email, web, or mission critical applications, then voice quality drops.

Which feature would help improve the quality of voice calls over the air when users run different applications?

A. DSCP for IPv4 traffic

B. WiFi Multi Media

C. Type of Service

D. High/Low Queue

Correct Answer: A

QUESTION 3

A network administrator deploys AirWave over a Mobility Master (MM)-Mobility Controller (MC) network to monitor, audit, and report activities. The main areas of concern are with high user density, not enough APs, or not enough channel bandwidth.

Which two report options can the network administrator user to create a weekly report that shows networking equipment with more users and high-demand applications used by top talkers? (Select two.)

A. Most Utilized Folders by Maximum Concurrent Clients

B. Most Utilized by Usage

C. Top Applications Summary
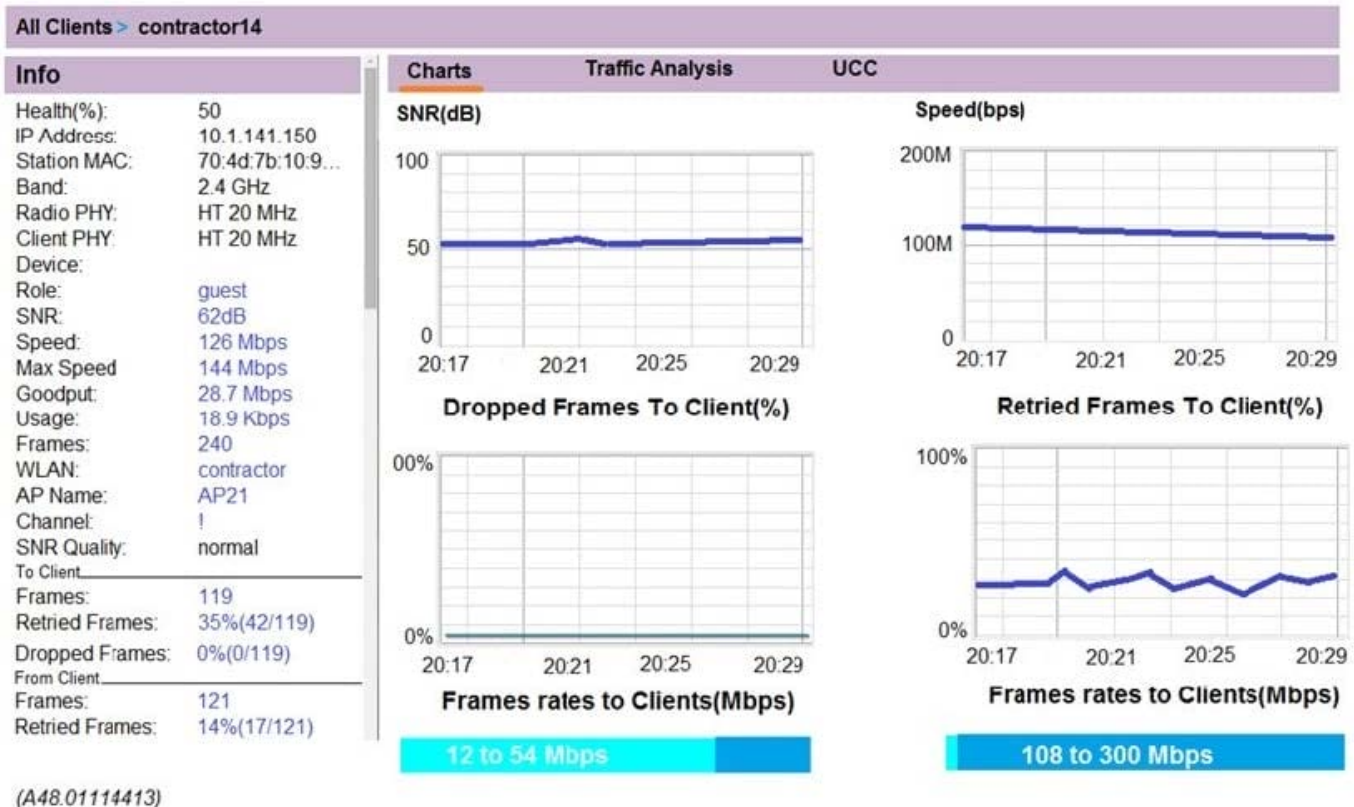
D. Most Utilized by Maximum Concurrent Clients

E. Top 3 Applications For Top 10 Users

Correct Answer: BD

QUESTION 4

Refer to the exhibit.

(A48.01114413)

A user reports show response time to a network administrator and suggests that there might be a problem with the WLAN. The user\'s laptop supports 802.11n in the 2.4 GHz band only. The network administrator finds the user on the Mobility Master (MM) and reviews the output shown in the exhibit.

What can the network administrator conclude after analyzing the data?

A. Client health is low, and retried frames are high. It is possible there is high channel utilization.

B. Client health is low, but SNR is high. It is possible data in the dashboard is not accurate and needs to be updated.

C. The speed is good. Client health seems to be related to a problem with the client NIC.

D. The network is low because of low SNR. TX power must be increased in both the client and the AP.

Correct Answer: B

QUESTION 5

Refer to the exhibits. Exhibit1

```
(MC1) (MDC) #show ap database

AP Database
--------------------
Name     Group                AP Type   IP Address      Status          Flags    Switch IP        Standby IP
---------  -----------        ------------ -----------------  ----------      ---------  ---------------   ------------------
AP1      MainCampus-SC-B1   335       10.1.145.150   Up 4h:14m:10s  2I       10.1.140.100   10.1.140.101
AP12     CAMPUS              335       10.1.146.150   Up 13m:19s    2        10.1.140.100   10.1.140.101

Flags: 1 = 802.1x, authenticated AP use EAP-PEAP; 1+ = 802.1x use EST; 1.= 802.1x use factory cert; 2 = Using IKE version 2
       B = Built-in AP; C = Cellular RAP; D = Dirty or no config
       E = Regulatory Domain Mismatch; F = AP failed 802.1x authentication
       G = No such group; I = Incative; J = USB cert at AP; L = Unlicnesed
       M = Mesh node
       N = Duplicate name; P = PPPoe AP; R = Remote AP; R- = Remote AP requires Auth;
       S = Standby-mode AP; U = Unprovisioned; X = Maintenance Mode
       Y = Mesh Recovery
       c = CERT-based RAP; e = Custom EST cert; f = No Spectrum FFT support
       i = Indoor; o = Outdoor; s = LACP striping; u = Custom-cert RAP; z = Datazone AP

Total APs:2
```

Exhibit 2

```
(MC11) [mynode] #show ap database

AP     Database
----------------------
Name                 Group     AP Type   IP Address          Status      Flags   Switch IP        Standby IP
--------              ---------  ------------ --------------------  --------    --------  --------------   ---------------
70:3a:0e:cd:b0:a4   default    335       10.1.145.150      Down      2        10.254.13.14  0.0.0.0
a8:bd:27:c5:c3:3a   default    335       10.1.147.2        Down      2        10.254.13.14  0.0.0.0
AP12                 CAMPUS    335       10.1.146.150      Up 21m:37s  2z       10.254.13.14  0.0.0.0
```

Based on outputs shown in the exhibits, what is the reason that AP12 is seen by two different controllers?

A. AP12 connects to a high availability group. MC1 is the active controller, and MC11 is the standby controller.

B. AP12 is a multizone AP. MC1 is part of the primary zone, and MC11 is part of the datazone.

C. AP12 connects to an MC cluster. MC1 is the A-AAC, and MC2 is S-AAC.

D. AP12 is in the middle of the boot process. MC1 is the master IP controller, and MC11 is the LMS IP controller.

Correct Answer: B