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Aruba Certified Mobility Expert 8 Written Exam

HP HPE6-A48

Version Demo

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QUESTION NO: 1

A company currently offers guest access with an open SSID and no authentication. A network administrator needs to integrate a web login page for visitors.

To accomplish this integration, the network administrator fully deploys a guest solution with selfregistration in ClearPass, and defines the Mobility Controller (MC) as a RADIUS client. Then, the network administrator defines ClearPass as a RADIUS server and adds it into a server group in the MC.

Which two actions must the network administrator do next on the MC side to complete the deployment? (Select two.)

- A. Associate the captive portal profile to the initial role
- B. Define the web login URL and server group in a captive portal profile
- C. Associate the captive portal profile to the VAP profile
- D. Associate the captive portal to an AAA profile.
- E. Define the web login URL in a captive portal profile and the server group in an AAA profile.

ANSWER: B D**QUESTION NO: 2**

Users run encrypted Skype for Business traffic with no WMM support over an Aruba Mobility Master (MM)-Mobility Controller (MC) based network. When voice, video, and application sharing traffic arrive at the wired side of the network, all the flows look alike due the lack of L2 or L3 markings.

How can the network administrator identify these flows and mark QoS accordingly?

- A. Confirm the MC is the Openflow controller of the MMs and Openflow is enabled in VAP and the firewall roles. Then enable WMM in a VAP profile.
- B. Confirm the MM is the Openflow controller of the MCs and Openflow is enabled in VAP and the firewall roles. Then integrate the MM with the Skype4Business SDN API, and enable the Skype4Business ALG in the UCC Profiles.
- C. Confirm the MC is the OpenFlow controller of the MMs and Openflow is enabled in VAP and the firewall roles. Then enable the Skype4Business ALG in the UCC profiles.
- D. Use a media firewall policy that match these three flows, and use permit and TOS actions with 56, 40, and 34 values for voice, video, and application sharing, respectively. Then enable the Skype4Business ALG in the UCC profiles.

ANSWER: D**QUESTION NO: 3**

A network administrator implements a SIP-based IP telephone solution. The objective is to ensure that APs use 100% of their airtime for network access whenever a voice call is taking place, to minimize communication delays. The network administrator also wants to ensure that a log entry is generated when voice calls occur.

Which setup accomplishes these tasks?

- A. ip access-list session voice user any svc-rtsp permit log queue high user any svc-sip-udp permit log queue high
- B. ip access-list session voice user any-svc-rtsp permit disable-scanning log user any svc-sip-udp permit disable-scanning log
- C. ip access-list session voice user any svc-rtsp permit log dot1p-priority 7 user any svc-sip-udp permit log dot1p-priority 7
- D. ip access-list session voice user any svc-rtsp permit log tos 56 user any svc-sip-udp permit log tos 56

ANSWER: C

QUESTION NO: 4

Refer to the exhibit.

Access-1 (config) # show tunneled-node-server state

Local Master Server (LMS) State

LMS Type	IP Address	State	Capability	Role
Primary	: 10.1.140.100	Complete	Per User	Operational Primary
Secondary	: 10.1.140.101	Complete	Per User	Operational Secondary

Switch Anchor Controller (SAC) State

	IP Address	Mac Address	State
SAC	: 10.1.140.100	204c03-06e5c0	Registered
Standby-SAC	: 10.1.140.101	204c03-06e790	Registered

User Anchor Controller (UAC) : 10.1.140.100

User	Port	VLAN	State	Bucket ID
005056-a5510b	20	143	Registered	255

User Anchor Controller (UAC) : 10.1.140.101

User	Port	VLAN	State	Bucket ID
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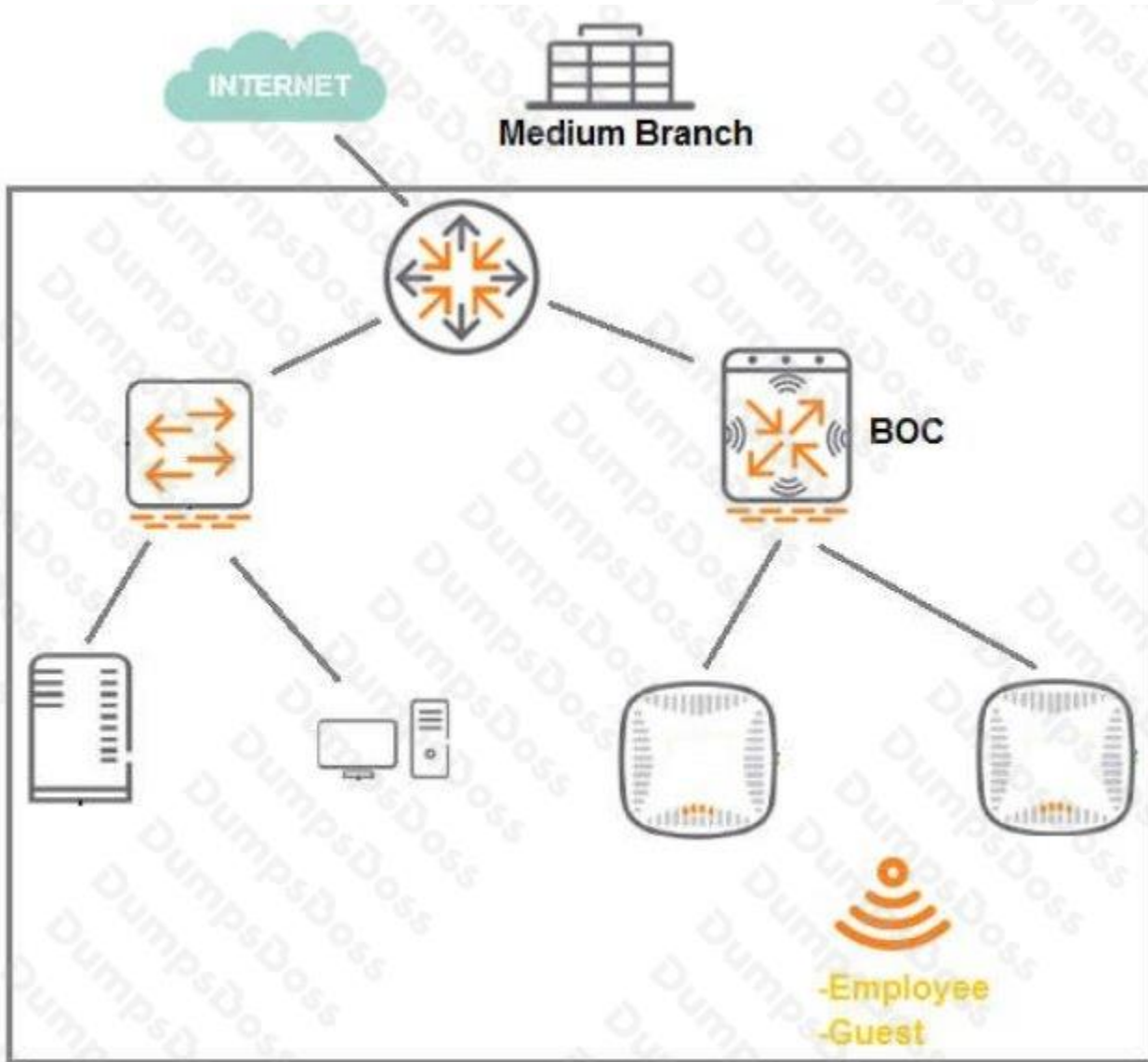
Based on the output shown in the exhibit with which Aruba devices has Access-1 established tunnels?

- A. a pair of MCs within a cluster
- B. a single standalone MC
- C. a pair of MCs with APFF enabled
- D. a pair of switches

ANSWER: B

QUESTION NO: 5

Refer to the exhibit.



A 7008 Branch Office Controller (BOC) is deployed in a remote office behind a core router. This core router does not support 802.1q encapsulation. The Mobility Controller (MC) is the gateway for two tunneling mode SSIDs, as shown in the exhibit.

Which two different configuration options ensure that wireless users are able to reach the branch network through the router? (Select two.)

- A.** Configure all ports of the BOC as access ports on the controller VLAN, and change the gateway of clients to the core router IP.
- B.** Configure the uplink of the BOC as an access port on the controller VLAN, and enable NAT for the SSID VLANs.
- C.** Configure the uplink of the BOC as a trunk port, tagging the controller and the SSID VLANs, and enable NAT for the SSID VLANs.
- D.** Configure the uplink of the BOC as an access port on the controller VLAN, and add static router in the router for the SSID VLAN subnets.
- E.** Configure the uplink of the BOC as a trunk port that permits the controller and the SSID VLANs. The controller VLAN must be native.

ANSWER: B D

QUESTION NO: 6

Refer to the exhibit.

New WLAN

General VLANs Security Access

More Secure
Enterprise
Personal
Open
Less Secure

Key management: WPA-2 Personal ▾
Passphrase:
Retype:
MAC authentication: Enabled ▾
Blacklisting: Disabled ▾

General VLANs Security Access

Default role: logon ▾
Mac authentication role: scanners ▾
[Show roles](#)
(A48.01114361)

A company acquires ten barcode scanners to run inventory tasks. These Wifi devices support WPA2-PSK security only. The network administrator deploys a WLAN named scanners using the configuration shown in the exhibit.

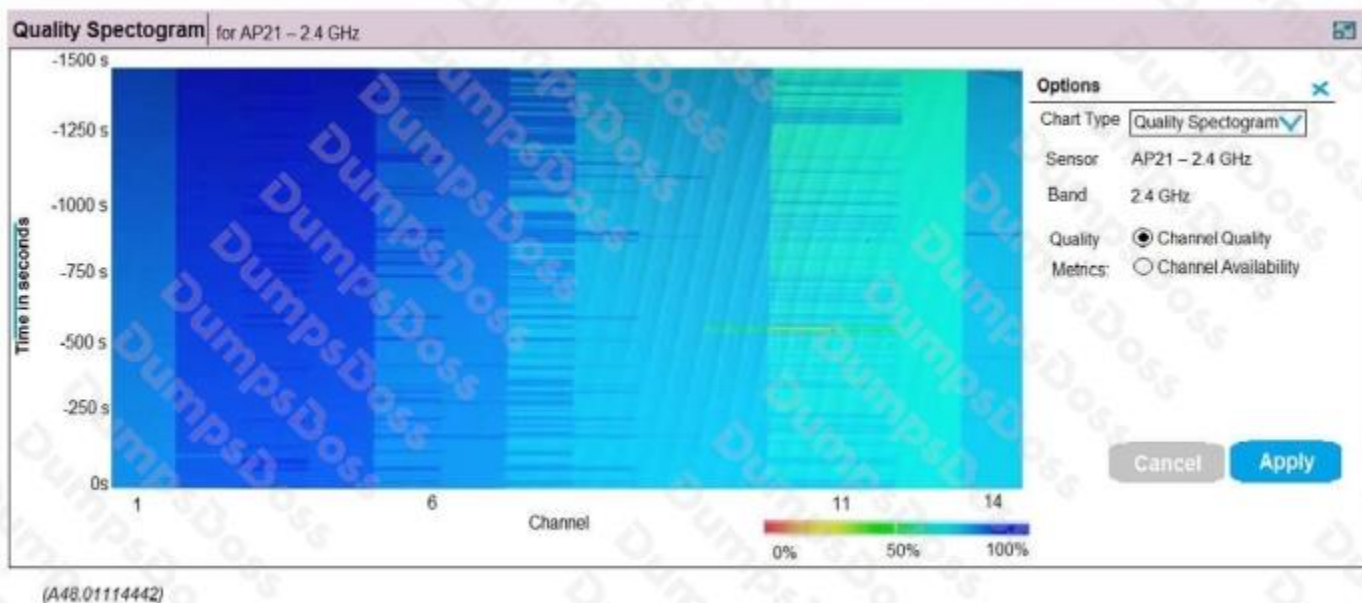
What must the network administrator do next to ensure that the scanner devices successfully connect to their SSID?

- A. Add scanner MAC addresses in user derivation rules.
- B. Add scanner MAC addresses in the internal database.
- C. Set internal as the MAC authentication server group.
- D. Enable L2 Authentication Fail Through.

ANSWER: C

QUESTION NO: 7

Refer to the exhibit.



Based on the output shown in the exhibit, which channel offers the highest quality?

- A. Channel 1
- B. Channel 6
- C. Channel 11
- D. Channel 14

ANSWER: C

QUESTION NO: 8

An organization owns a fully functional multi-controller Aruba network with a Virtual Mobility Master (VMM) in VLAN 20. They have asked a network consultant to deploy a redundant MM on a different server. The solution must offer the lowest convergence time and require no human interaction in case of failure.

The servers host other virtual machines and are connected to different switches that implement ACLs to protect them. The organization grants the network consultant access to the servers only, and appoints a network administrator to assist with the deployment.

What must the network administrator do so the network consultant can successfully deploy the solution? (Select three.)

- A. Reserve one IP address for the second MM and another IP address for its gateway
- B. Configure an ACL entry that permits IP protocol 50, UDP port 500, and multicast IP 224.0.0.18.
- C. Allocate VLAN 20 to the second server, and extend it throughout the switches.
- D. Reserve one IP address for the second MM and another for the VIP.

- E. Configure an ACL entry that permits UDP 500, UDP 4500, and multicast IP 224.0.0.1.
- F. Allocate another VLAN to the second server, and permit routing between them.

ANSWER: A C E

QUESTION NO: 9

Several users are connected to the same WLAN and want to play the same multicast-based video stream. The network administrator wants to reduce bandwidth consumption and at the same time increase the transmit rate to a fixed value for WMM marked video streams in a large-scale network. Broadcast Multicast Optimization (BCMCO) is already on.

Which two configuration steps does the network administrator have to perform to optimize the multicast transmissions? (Select two.)

- A. Enable Dynamic Multicast Optimization (DMO) and set forwarding mode to tunnel in the VAP profile.
- B. Enable Broadcast Multicast Rate Optimization (BC/MC RO) in the SSID profile.
- C. Enable Broadcast Multicast Optimization (BCMCO) and set forwarding mode in the VAP.
- D. Disable Broadcast Multicast Optimization (BCMCO) in the VLAN.
- E. Set Video Multicast Rate Optimization (VMRO) in the SSID profile.

ANSWER: A C

QUESTION NO: 10

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

ANSWER: B D