HPE6-A48 Q&As

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QUESTION 1

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.

Correct Answer: D

QUESTION 2

Refer to the exhibit.

```
(MC11) [mynode] #show ap database long | exclude =

AP Database
-----------
Name  Group    AP Type  IP Address      Status       Flags  Switch IP      Standvy IP  Wired MAC Address  Serial#      Port  FQLN  Outer IP  User
----  -----    -------  ----------      ------       -----  ---------      ----------  -----------------  -------      ----  ----  --------  ----
AP21  CAMPUS   335      10.1.145.150    Up 3m:20s    UNI    10.254.13.14   0.0.0.0     70:3a:0e:cd:b0:a4  CNBXJOY301   N/A   N/A   N/A
AP21  CAMPUS   335      10.1.146.150    Up 32m:23s           10.254.13.14   0.0.0.0     70:3a:0e:cd:b0ac   CNBXJOY305   N/A   N/A   N/A

Total APs:2
(MC11) [mynode] #Show ap active | exclude =

Active  AP Table
----------------
Name Group      IP Address    11g Clients  11g Ch/EIRP/MaxEIRP  11a Clients  11a Ch/EIRP/MaxEIRP  AP Type  Flags  Uptime  Outer IP
----------      ----------    -----------  -------------------  -----------  -------------------  -------  -----  ------  --------
AP21 CAMPUS     10.1.146.150  0            AP:HT:11/9.0/24.0    0            AP:VHT:153E/18.0/28.5  335      Aa     32m:30s  N/A

Channel followed by "+" indicates channel selected due to unsupported configured channel.
"Spectrum" followed by "^" indicates Local Spectrun Override in effect.

Num APs: 1
```

A network administrator deploys a new Mobility Master (MM)-Mobility Controller (MC) network. To test the solution, the network administrator accessess some of the AP consoles and statistically provisions them. However, these APs do not propagate the configured SSIDs. The network administrator looks at the logs and sees the output shown in the exhibit.

Which actions must the network administrator take to solve the problem?

A. Reprovision one of the APs with a different name, and add new entries with the proper group in the whitelist.

B. Reprovision the AP with a different group, and modify the name of one AP in the whitelist.

C. Create another AP group in the MC\\'s configuration and reprovision one AP with a different group.

D. Reprovision one of the APs with a different name, and modify the name of one AP in the whitelist.

Correct Answer: B

QUESTION 3

A company has headquarters based in the US and rents internation office space in Mexico City so that 10 employees can work remotely. The company must implement a remote access technology so branch office employees can access all servers at the headquareters.

The office has both wired and wireless internet connectivity, with no restrictions on what device connects to the network. However, ports UDP 4500, 5060, and 5061 are blocked by the primeter firewall.

Which remote access technology is required to allow employees to access the servers at the headquarters?

A. BOC with CAPs

B. IAP VPN

C. RAP

D. VIA

Correct Answer: C

QUESTION 4

Refer to the exhibit.

```
(MC14-1) #show ap database | exclude =
AP Database
------------------
Name  Group     AP Type   IP Address      Status      Flags   Switch IP     Standby IP
--------  ---------  ----------  ---------------  ---------  ---------  ------------  ---------------
AP10  CAMPUS    335       10.1.145.150    Up 35m:35s  2       10.1.140.100  0.0.0.0
AP20  CAMPUS    335       10.1.146.150    Down                10.1.140.100  0.0.0.0

Total APs:2
(MC14-1) #ping 10.1.146.150

Press 'q' to abort.
Sending 5, 92-byte ICMP Echos to 10.1.146.150, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0.22/0.2528/0.355 ms

(MC14-1) #show log system 5 | include AP20
Aug 6 15:29:08  :303022: <WARN> |AP AP20@10.1.146.150 nanny| Reboot Reason: AP rebooted Wed Dec 31 16:24:10
PST 1969; Unable to set up IPSec tunnel to saved lms, Error: RC_ERROR_IKEV2_TIMEOUT
Aug 6 15:52:43 :311020: <ERRS> |AP AP20@10.1.146.150 sapd| An internal system error has occurred at file
sapd_redun.c function redun_retry_tunnel line 4529 error redun_retry_tunnel: Switching to clear.
Error:RC_ERROR_IKEV2_TIMEOUT. Ipsec not successful after reboot.
Aug 6 15:53:07 :311002: <WARN> |AP AP20@10.1.146.150 sapd| Rebooting: SAPD: Rebooting after setting cert_cap=1.
Need to open a secure channel(IPSEC)
Aug 6 15:53:08 :303086: <ERRS> |AP AP20@10.1.146.150 nanny| Process Manager (nanny) shutting down – AP will
reboot!
Aug 6 15:54:23 :303022: <WARN> |AP AP20@10.1.146.150 nanny| Reboot Reason: AP rebooted Mon Aug 6 15:53:08
PDT 2018; SAPD: Rebooting after setting cert_cap=1. Need to open a secure channel(IPSEC)
(MC14-1) #
```

A network administrator deploys a Mobility Master (MM)-Mobility Controller (MC) solution in the headquarters. The network administrator prepares the wired side of the network with the proper VLAN, DHCP settings, and routing services to ensure that APs can reach the MCs.

The network administrator connects two APs in different IP segments and waits for 20 minutes, but SSIDs are advertised in one of the APs only. The engineer logs into the MC console and sees the output shown in the exhibit.

What is the reason that the AP20 is not broadcasting SSIDs?

A. IPSec traffic is being blocked.

B. IKE traffic is being dropped.

C. PAPI traffic is being blocked.

D. GRE traffic is being blocked.

Correct Answer: B

QUESTION 5

Refer to the exhibits.

Exhibit 1

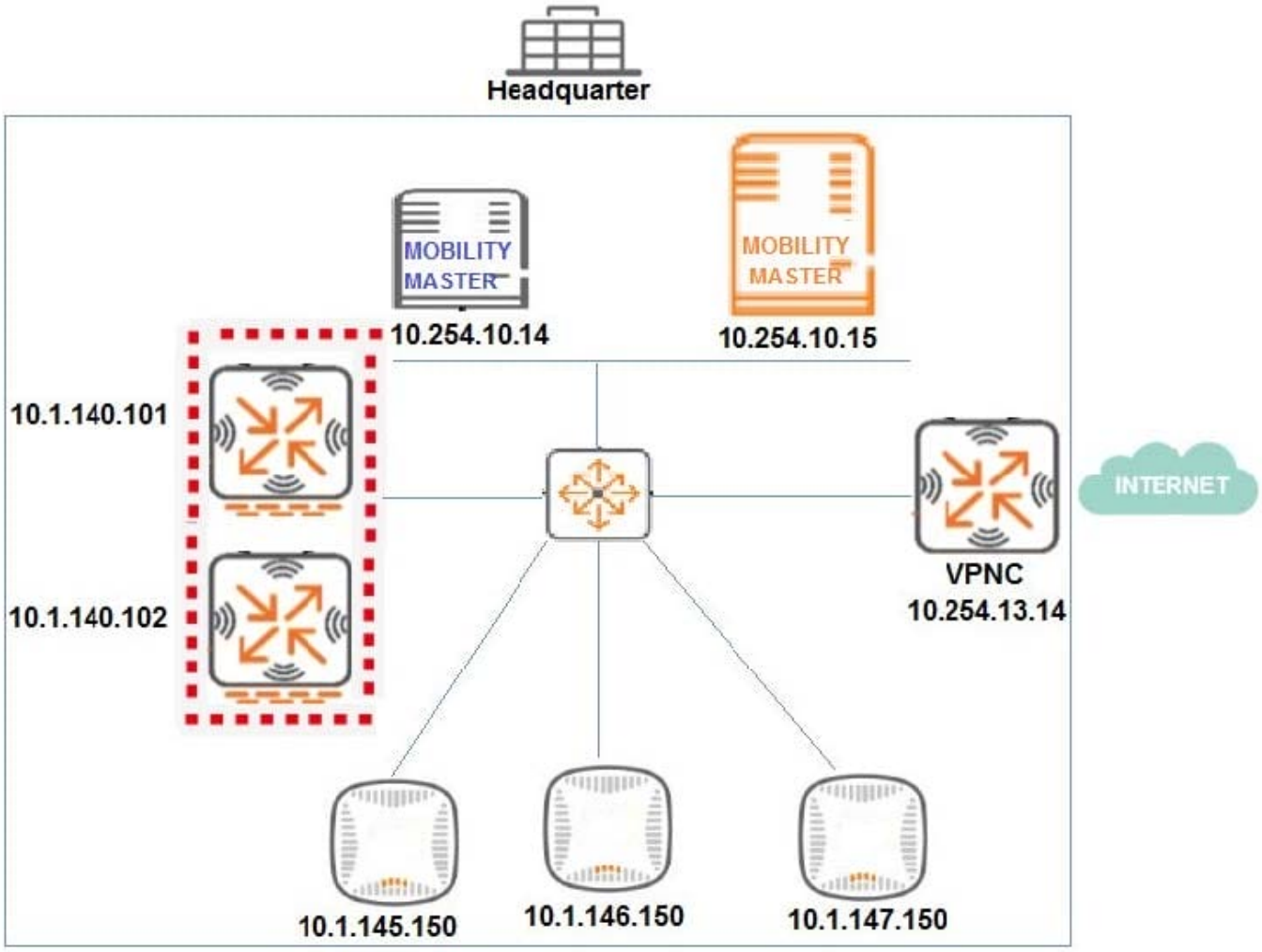

Exhibit 2

```
(MC14-1) #show ap database | exclude =

AP Database
------------------
Name        Group       AP Type     IP Address      Status  Flags  Switch IP  Standby IP
--------    --------    ----------  --------------  --------  -------  -------------  --------------

Total APs:0
(MC14-1) #ping 10.1.145.150

Press 'q' to abort.
Sending 5, 92-byte ICMP Echos to 10.1.145.150, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0.206/0.2402/0.356 ms
```

Exhibit 3

```
[       11.611533] bonding: bond0: link status definitely down for interface eth1, disabling it
Starting watchdog process...
Getting an IP address...
[       12.689236] device eth0 entered promiscuous mode
10.1.145.150 255.255.255.0 10.1.145.1
Running ADP...Done.Master is 10.1.140.100
[       22.039696] ath_hal: 0.9.17.1 (AR5416, AR9380, REGOPS_FUNC, WRITE_EEPROM, 11D)
[       22.131095] ath_rate_atheros: Copyright (c) 2001-2005 Atheros Communications, Inc, All Rights Reserved

[       37.552112] pktlog_init: Initializing Pktlog for AR900B, pktlog_hdr_size = 16
[       37.638632] pktlog_init: Initializing Pktlog for AR900B, pktlog_hdr_size = 16
AP rebooted due to loss power
shutting down watchdog process (nanny will restart it)...
        <<<<<          Welcome to the Access Point          >>>>>
-# ping 10.1.140.100
PING 10.1.140.100 (10.1.140.100): 56 data bytes
^C
--- 10.1.140.100 ping statistics ---
40 packets transmitted, 0 packets received, 100% packet loss
-# ping 10.1.140.1
PING 10.1.140.1 (10.1.140.1) : 56 data bytes
64 bytes from 10.1.140.1: icmp_seq=0 ttl=255 time=0.4 ms
64 bytes from 10.1.140.1: icmp_seq=1 ttl=255 time=0.4 ms
64 bytes from 10.1.140.1: icmp_seq=2 ttl=255 time=0.3 ms
64 bytes from 10.1.140.1: icmp_seq=3 ttl=255 time=0.3 ms
64 bytes from 10.1.140.1: icmp_seq=4 ttl=255 time=0.3 ms
^C
--- 10.1.140.1 ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 0.3/0.3/0.4 ms
-#
```

A network engineer deploys a Master Controller (MC) cluster at Headquarter to offer high levels of redundancy, and prepares the wired side of the network. This preparation includes the VLAN, DHCP Settings, and unicast routing services that APs require to reach the cluster.

The network engineer waits for 20 minutes after connecting the APs and sees that no SSIDs are advertised. The network engineer logs into one of the MCs and one of the AP\\'s consoles to obtain the outputs shown in the exhibits.

What can the network engineer do to fix the APs discovery process, to ensure the best scalability even if one MC fails?

A. Reprovision the APs with a different Master IP.

B. Modify the IP address in one of the MCs.

C. Modify option 43 in the DHCP pool.

D. Create a VRRP instance in the MCs.

Correct Answer: C

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