

HPE6-A48^{Q&As}

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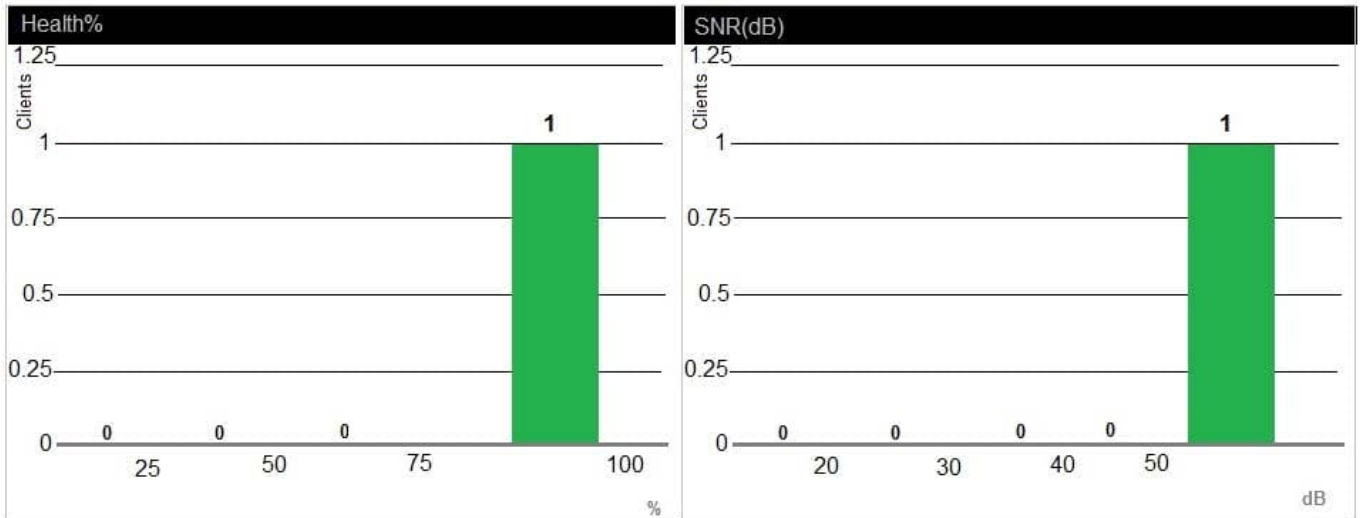
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QUESTION 1

Refer to the exhibit.



USERNAME	CLIENT NAME	SNR^	SPEED (MBPS)	GOODPUT (MBPS)	HEALTH (%)	USAGE	DEVICE TYPE	ROLE	DEVICE NAME	LOCATION	SSID	CONNECTION
contractor14	-	58	819	32	93	1.84 Kbps	-	guest	AP12	-	contractor	11ac 5GHz

(A48.01114411)

A network administrator receives a call from a contractor that was recently given wireless access to the network. The user reports that the response time is slow and suggests there might be a problem with the WLAN. The network administrator checks RF performance in AirWave to find the user and sees the output shown in the exhibit.

What can the network administrator conclude after analyzing the data?

- A. Client health and CNR are high, therefore, it is unlikely the client is experiencing an RF-related issue.
- B. Goodput is low in relation to connection speed, which suggests a channel with high utilization, another channel should be used.
- C. Client health and SNR are high but usage is low; therefore, there might be packet drops.
- D. Client health is low, which suggests that there are packet drops and collisions in the RF environment.

Correct Answer: B

QUESTION 2

Refer to the exhibit.

Additional AMP Services	
Enable AMON Data Collection:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable Clarity Data Collection: <small>Requires AOS version 6.4.3 and above</small>	<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable AppRF Data Collection:	<input checked="" type="radio"/> Yes <input type="radio"/> No
AppRF Storage Allocated (GiB): <small>Greater than or equal to 2 GiB</small>	<input type="text" value="32"/>
Enable UCC Data Collection: <small>Requires AOS version 6.4 and above</small>	<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable UCC Calls Stitching (Heuristics):	<input checked="" type="radio"/> Yes <input type="radio"/> No
Prefer AMON vs SNMP Polling:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable Syslog and SNMP Trap Collection:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Require SSH host key verification:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Validate PAPI Key:	<input checked="" type="radio"/> Yes <input type="radio"/> No
PAPI Key:	<input type="text" value="••••••••"/>
Confirm PAPI Key:	<input type="text" value="••••••••"/>
Disable TLS 1.0 and 1.1: <small>After changing the TLS status here you must restart the AMP to have it take effect</small>	<input checked="" type="radio"/> Yes <input type="radio"/> No

(A48.01114472)

A network administrator configures a Mobility Master (MM)-Mobility Controller (MC) solution and integrates it with AirWave. The network administrator configures the SNMP and terminal credentials in the MM and MC, and then monitors the mobility devices from AirWave, including Clarity for user association and basic network services verification. However, AirWave does not display any UCC data that is available in the MM dashboard.

Based on the information shown in the exhibit, which configuration step should the network administrator do next in the MM to complete the integration with AirWave?

- A. Define AirWave as a management server in the MM.
- B. Enable the inline network services statistics in the AMP profile.
- C. Enable UCC monitoring in the AMP profile.
- D. Verify the papi-security key in the AMP profile.

Correct Answer: B

QUESTION 3

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.

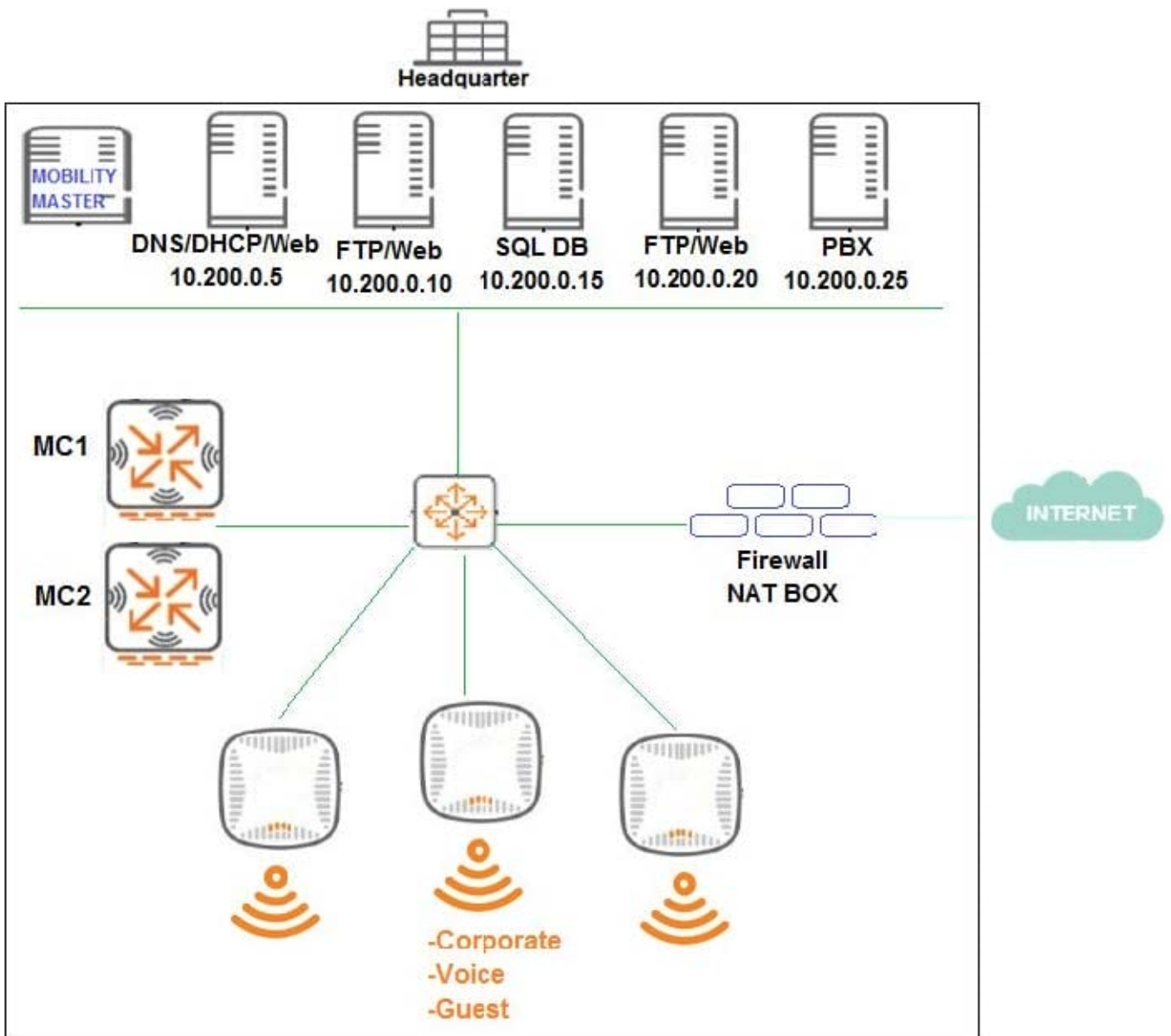
What is the reason that the AP20 is not broadcasting SSIDs?

- 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 4

Refer to the exhibit.



An organization provides WiFi access through a corporate SSID with an Aruba Mobility Master (MM) Mobility Controller (MC) network that includes PEF functions. The organization wants to have a single firewall policy configured and applied to the employee role.

This policy must allow users to reach Web, FTP, and DNS services, as shown in the exhibit. Other services should be exclusive to other roles. The client NICs should receive IP settings dynamically.

Which policy design meets the organization's requirements while minimizing the number of policy rules?

A. `netdestination alias1 host 10.200.0.10 host 10.200.0.20 ip access-list session policy1 user host 10.200.0.5 svc-dns permit user host 10.200.0.5 svc-http permit`

`user alias alias1 svc-http permit user alias alias1 svc-ftp permit`

B. `netdestination alias1 host 10.200.0.5 host 10.200.0.10 host 10.200.0.20 netdestination alias2 host 10.200.0.10 host 10.200.0.20 ip access-list session policy1 any any svc-dhcp permit user host 10.200.0.5 svc-dns permit user alias alias1 svc-http permit user alias alias2 svc-ftp permit`

C. netdestination alias1 host 10.200.0.10 host 10.200.0.20 ip access-list session policy1 any any svc-dhcp permit user host 10.200.0.5 svc-dns permit user host 10.200.0.5 svc-http permit user alias alias1 svc-http permit user alias alias1 svc-ftp permit

D. netdestination alias1 host 10.200.0.5 host 10.200.0.10 host 10.200.0.20 netdestination alias2

Correct Answer: C

QUESTION 5

Refer to the exhibits.

Exhibit 1

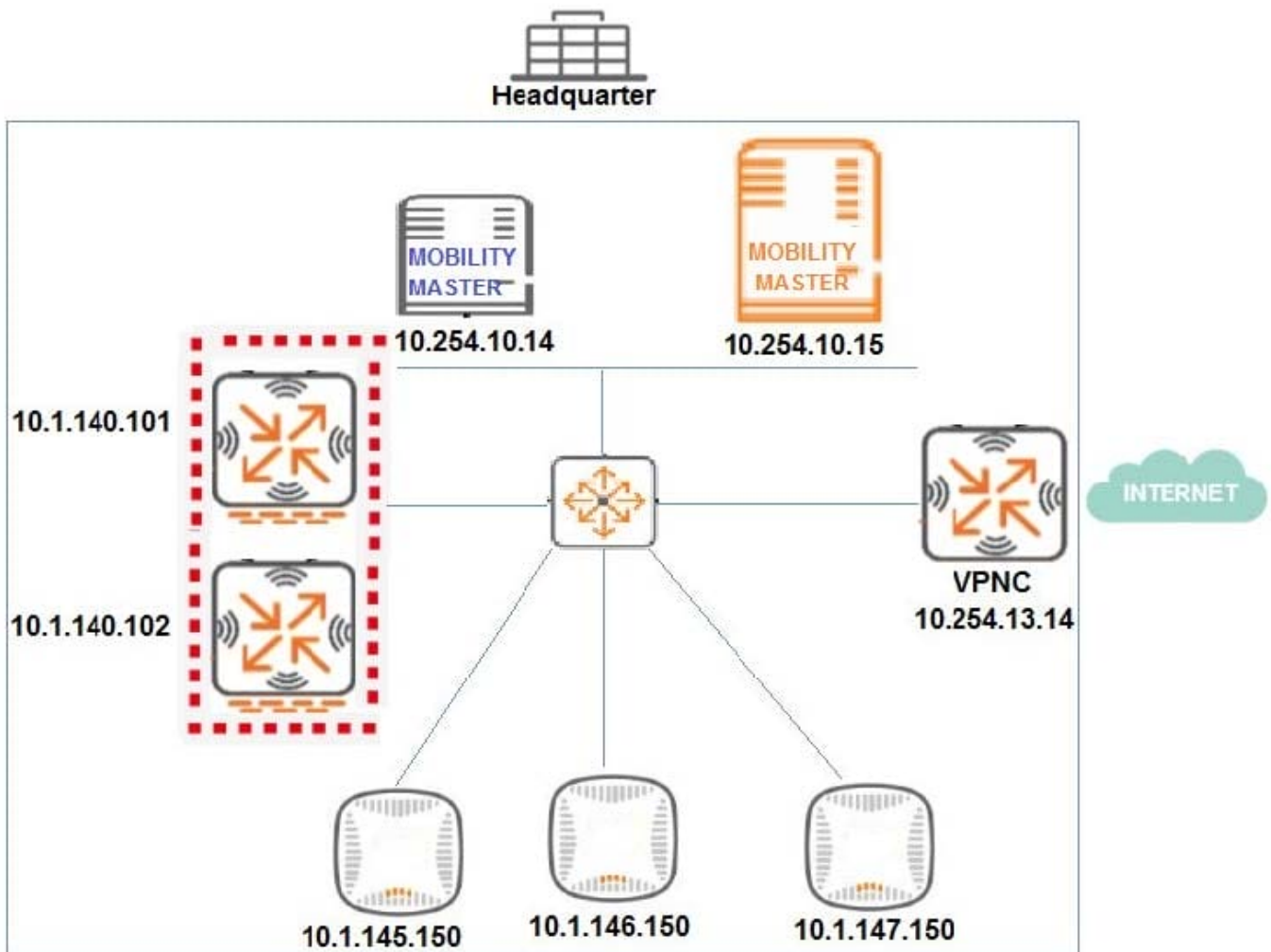


Exhibit 2

(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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