HPE6-A48 Q&As

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QUESTION 1

Refer to the exhibit.

```
a8:bd:27:c5:c3:3a# sh dhcp subnets

DHCP Subnet Table
-------------------------------
VLAN  Type   Subnet        Mask            Gateway      Mode                Rolemap
----  -----  ------------  --------------  -----------  ------------------  ----------
124   l3     10.21.124.32  255.255.255.224 10.21.124.33 local,split-tunnel
81    l2     0.0.0.0       255.255.255.255  0.0.0.0     remote,full-tunnel
```

A network engineer deploys two different DHCP pools in an Instant AP (IAP) cluster for WLANs that will have connectivity to a remote site using Aruba IPSec.

Based on the output shown in the exhibit, which IAP-VPN DHCP modes are being used?

A. distributed L3 and centralized L3

B. distributed L3 and local L3

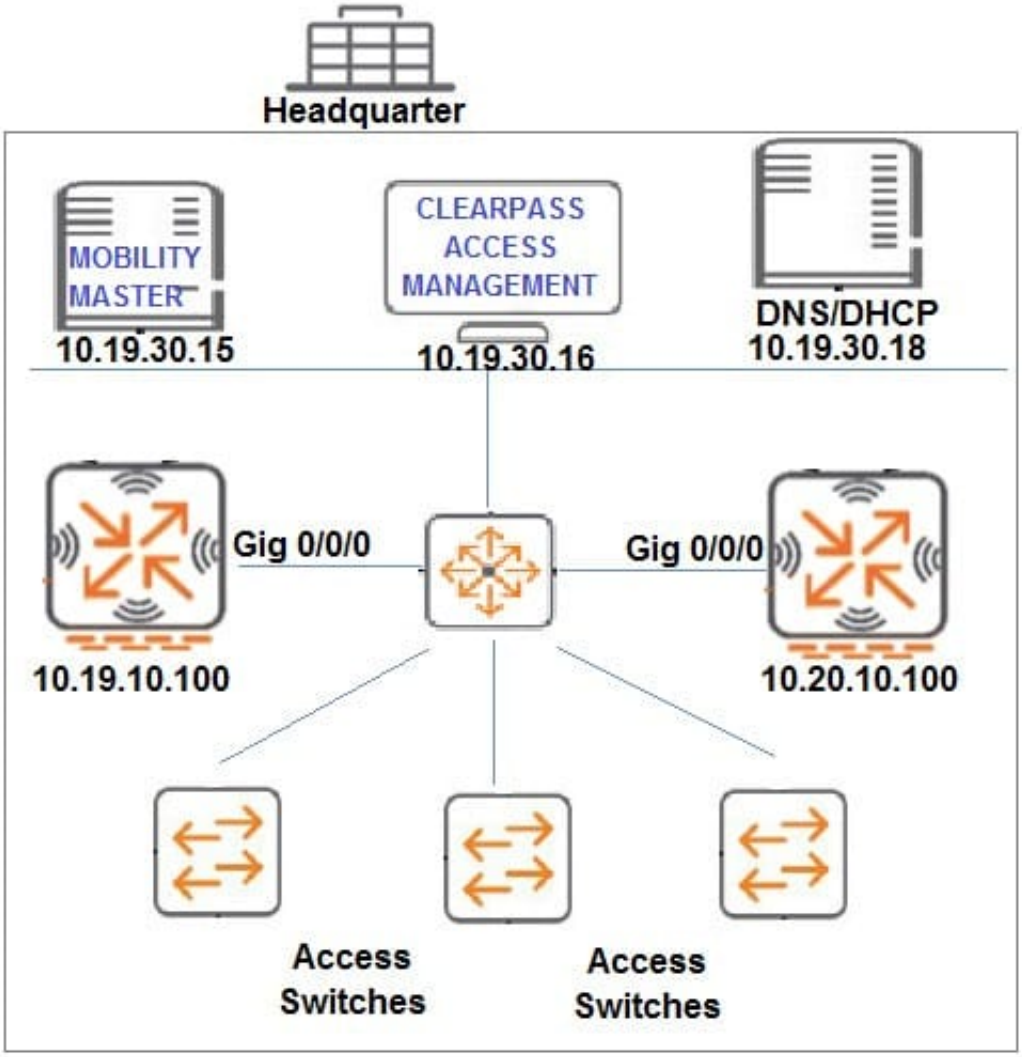
C. distributed L3 and centralized L2

D. local L3 and centralized L2

Correct Answer: C

QUESTION 2

Refer to the exhibit.



A network administrator is in charge of a wired and wireless Aruba network where access control is needed for both connection methods. For the wired solution, the network administrator wants the users authentication to be performed at the switches, while tunneling their traffic to MC1 whenever possible for firewall policy enforcement. The network administrator configures and tests ClearPass as the RADIUS server in the switches.

Which switch configuration scripts should the network administrator use next to achieve this goal?

A. tunneled-node-server controller-ip 10.19.10.100 backup-controller-ip 10.20.10.100 mode role-based aaa authentication port-access eap-radius aaa port-access authenticator 1-22 aaa port-access authenticator active

B. tunneled-node-server controller-ip 10.20.10.100 backup-controller-ip 10.19.10.100 mode port-based aaa authentication port-access eap-radius aaa port-access authenticator 1-22 aaa port-access authenticator active

C. tunneled-node-server controller-ip 10.20.10.100 backup-controller-ip 10.19.10.100 aaa authentication port-access eap-radius aaa port-access authenticator 1-22 aaa port-access authenticator active

D. tunneled-node-server controller-ip 10.19.10.100 backup-controller-ip 10.20.10.100 aaa authentication port-access eap-radius aaa port-access authenticator 1-22 aaa port-access authenticator active

Correct Answer: C

QUESTION 3

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

QUESTION 4

Refer to the exhibits. Exhibit 1

```
(MM1) [mynode] #show switches

All Switches
----------
IP Address  Ipv6 Address  Name  Location  Type  Model  Version  Status  Configuration State  Config  Sync  Time (sec)
Config ID
----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------
10.254.10.14  None  MM1  Building1.floor1  master  ArubaMM-VA  8.2.1.0_64044  up  UPDATE SUCCESSFUL  0
53
10.254.10.14  None  MC1  Building1.floor1  MD  Aruba7030  8.2.1.0_64044  up  CONFIG ROLLBACK  0
0
10.254.10.114  None  MM2  Building1.floor1  standby  ArubaMM-VA  8.2.1.0_64044  up  UPDATE SUCCESSFUL  0
53
Total Switches:3
(MM1) [mynode] #
(MM1) [mynode] #show switches
All Switches
----------
IP Address  Ipv6 Address  Name  Location  Type  Model  Version  Status  Configuration State  Config  Sync  Time (sec)
Config ID
----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------  ----------
10.254.10.14  None  MM1  Building1.floor1  master  ArubaMM-VA  8.2.1.0_64044  up  UPDATE SUCCESSFUL  0
53
10.1.140.100  None  MC1  Building1.floor1  MD  Aruba7030  8.2.1.0_64044  down  CONFIG ROLLBACK  0
0
10.254.10.114  None  MM2  Building1.floor1  standby  ArubaMM-VA  8.2.1.0_64044  up  UPDATE SUCCESSFUL  0
53
Total Switches: 3
(MM1) [mynode] #
(MM1) [mynode] #encrypt disable
(MM1) [mynode] #show running-config | include localip
Building Configuration...
localip 10.1.140.101 ipsec Aruba123
localip 10.1.140.100 ipsec Aruba 123
localip 10.200.0.20 ipsec 1234567890
localip 10.1.140.102 ipsec Aruba123
(MM1) [mynode] #
(MM1) [mynode] #cd MC1
(MM1) [20:4c:03:06:e5:c0] #show configuration effective | include masterip
masterip 10.254.10.214 ipsec aruba123
        controller-ip "masterip" 6633
```

Exhibit 2 Exhibit 3

```
(MM1) [20:4c:03:06:e5:c0] #show log system 15

Jun 26 13:51:40 :357002: <6573> <WARN> |cfgdist| freelc_node:355 (TID:6573) Status of 10.1.140.100
(20:4c:03:06:e5:c0) is now DOWN
Jun 26 13:51:50 :357002: <6574> <WARN> |cfgdist| handle_read:702 (TID:6574) Status of ::ffff:10.1.140
(20:4c:03:06:e5:c0) is now UP
Jun 26 13:51:50 :371012: <5733> <ERRS> |profmgr| |multiversion| |Adding device 20:4c:03:06:e5:c0 with version
8_2_1_0]
Jun 26 13:52:10 :357002: <6574> <ERRS> |cfgdist| handle_setupconfig:452 (TID:6574) Setup config not received
from device for 10.1.149.100 (20:
4c:03:06:e5:c0) fd(146)
Jun 26 13:52:10 :357002: <6574> <WARN> |cfgdist| freelc_node:355 (TID:6574) Status of 10.1.140.100
(20:4c:03:06:e5:c0) is now DOWN
Jun 26 13:52:20 :357002: <6575> <WARN> |cfgdist| handle_read:702 (TID:6575) Status of ::ffff:10.1.140.100
(20:4c:03:06:e5:c0) is now UP
Jun 26 13:52:20 :371012: <5733> <ERRS> |profmgr| |multiversion| |Adding device 20:4c:03:06:e5:c0 with version
8_2_1_0]
Jun 26 13:52:40 :357002: <6575> <ERRS> |cfgdist| handle_setupconfig:452 (TID:6575) Setup config not received
from device for 10.1.149.100 (20:
4c:03:06:e5:c0) fd(146)
Jun 26 13:52:40 :357002: <6575> <WARN> |cfgdist| freelc_node:355 (TID:6575) Status of 10.1.140.100
(20:4c:03:06:e5:c0) is now DOWN
Jun 26 13:52:50 :357002: <6576> <WARN> |cfgdist| handle_read:702 (TID:6576) Status of ::ffff:10.1.140.100
(20:4c:03:06:e5:c0) is now UP
Jun 26 13:52:50 :371012: <5733> <ERRS> |profmgr| |multiversion| |Adding device 20:4c:03:06:e5:c0 with version 8
_2_1_0]
Jun 26 13:53:10 :357002: <6576> <ERRS> |cfgdist| handle_setupconfig:452 (TID:6576) Setup config not received
from device for 10.1.140.100 (20:
4c:03:06:e5:c0) fd(146)
Jun 26 13:53:10 :357002: <6576> <WARN> |cfgdist| freelc_node:355 (TID:6576) Status of 10.1.140.100
(20:4c:03:06:e5:c0) is now DOWN
Jun 26 13:53:20 :357002: <6577> <WARN> |cfgdist| handle_read:702 (TID:6577) Status of ::ffff:10.1.140.100
(20:4c:03:06:e5:c0) is now UP
Jun 26 13:53:20 :371012: <5733> <ERRS> |profmgr| |multiversion| |Adding device 20:4c:03:06:e5:c0 with version 8
_2_1_0]

(MM1) [20:4c:03:06:e5:c0] #
```

```
(MC1) #show switches

All Switches
-----------------
IP Address    IPv6 Address  Name Location          Type      Model      Version        Status  Configuration State  Config  Sync  Time (sec)  Confi
g ID
--------------  ------------------  --------  -------------  ---------  -----------  -------------  ----------  ------------------------------  -----------  --------  --------------  ---------
-------
10.1.140.100  None          MC1   Building1.floor1  MD        Aruba7030  8.2.1.0_64044  up      CONFIG ROLLBACK  0                                0

Total Switches:1
(MC1) #
(MC1)encrypt disable
(MC1) #show running-config | include masterip
Building Configuration . . .
masterip 10.254.10.214 ipsec Aruba123
(MC1) #
(MC1) #ping 10.254.10.214

Press 'q' to abort.
Sending 5, 92-byte ICMP Echos to 10.254.10.214, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0.829/1.3608/1.777 ms

(MC1) #show log errorlog 10

Jun 26 13:57:50 <cfgm 399816>  <3458> <ERRS> |cfgm| handle_read: State(READY: CONFIG ROLLBACK:CFGID-0: PEND-0:INITCFGID:0) FD=27:
Failure receiving heartbeat response header information Result=0 Err=Success
Jun 26 13:58:00 <cfgm 399816>  <3458> <ERRS> |cfgm| Rollback config id 53 as bad
Jun 26 13:58:20 <cfgm 399816>  <3458> <ERRS> |cfgm| handle_read: State(READY: CONFIG ROLLBACK:CFGID-0: PEND-0:INITCFGID:0) FD=27:
Failure receiving heartbeat response header information Result=0 Err=Success
Jun 26 13:58:30 <cfgm 399816>  <3458> <ERRS> |cfgm| Rollback config id 53 as bad
Jun 26 13:58:50 <cfgm 399816>  <3458> <ERRS> |cfgm| handle_read: State(READY: CONFIG ROLLBACK:CFGID-0: PEND-0:INITCFGID:0) FD=27:
Failure receiving heartbeat response header information Result=0 Err=Success
Jun 26 13:59:00 <cfgm 399816>  <3458> <ERRS> |cfgm| Rollback config id 53 as bad
Jun 26 13:59:20 <cfgm 399816>  <3458> <ERRS> |cfgm| handle_read: State(READY: CONFIG ROLLBACK:CFGID-0: PEND-0:INITCFGID:0) FD=27:
Failure receiving heartbeat response header information Result=0 Err=Success
Jun 26 13:59:30 <cfgm 399816>  <3458> <ERRS> |cfgm| Rollback config id 53 as bad
Jun 26 13:59:50 <cfgm 399816>  <3458> <ERRS> |cfgm| handle_read: State(READY: CONFIG ROLLBACK:CFGID-0: PEND-0:INITCFGID:0) FD=27:
Failure receiving heartbeat response header information Result=0 Err=Success
Jun 26 14:00:00 <cfgm 399816>  <3458> <ERRS> |cfgm| Rollback config id 53 as bad
```

A network administrator deploys a Mobility Master (MM) pair with the VRRP VIP equal to 10.254.10.214, and attempts to associate MC1 to it. At first, the integration appears to be successful. However after a few minutes the network administrator issues the show switches command and sees that the MC1 is down, even though the device is up and running.

Every time the network administrator reboots the Mobility Controller (MC), the MC shows as being up and then it shows as being down. The network administrator gathers the information shown in the exhibits.

What should the network administrator do to resolve this problem?

A. Change the localip ipsec key to Aruba123 in the mynode device level from the MM, save, and reboot.

B. Enable disaster recovery mode in MC1 and change the masterip ipsec key to Aruba 123, save, and reboot.

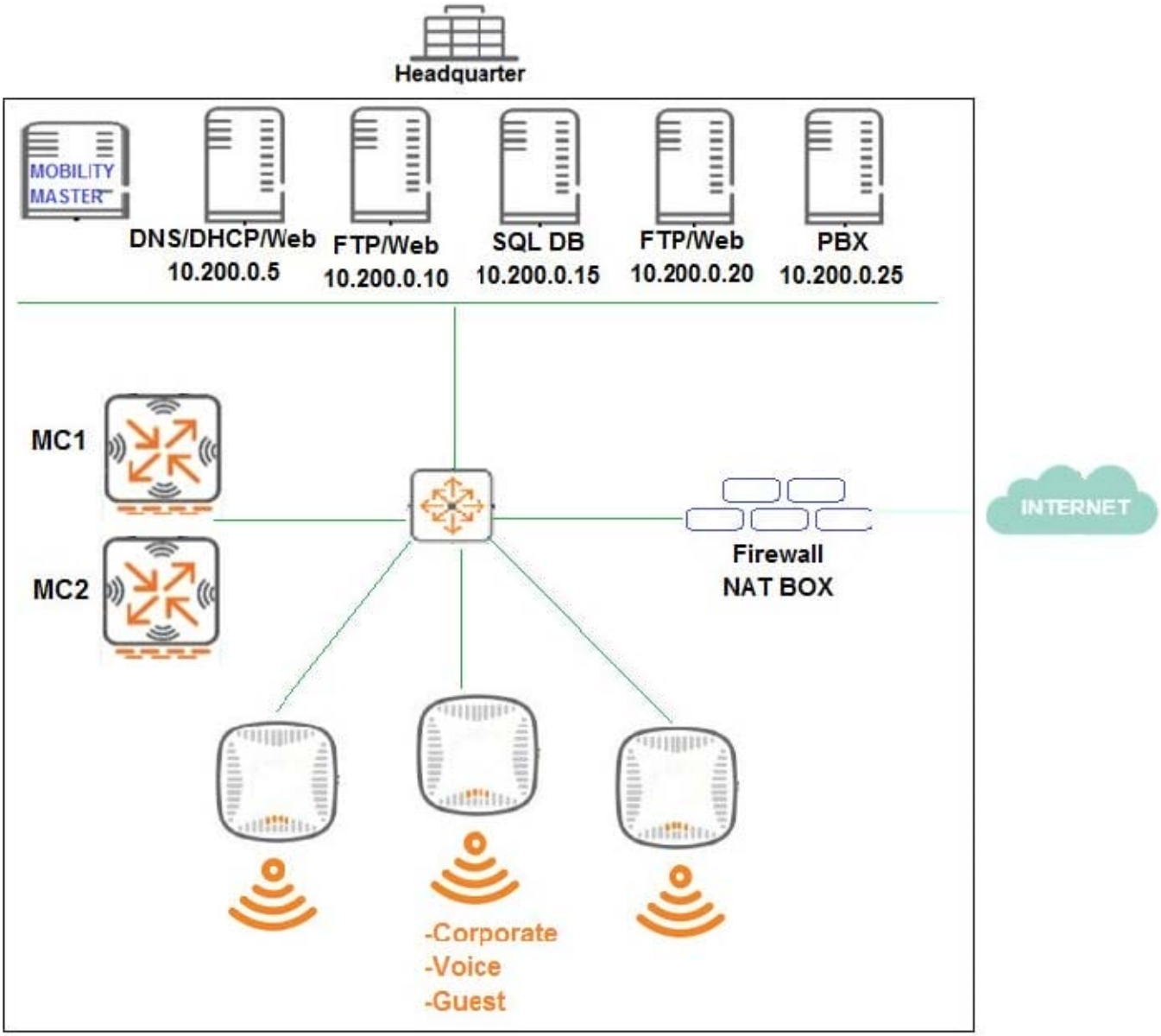
C. Change the masterip ipsec key to Aruba123 in the device level from the MM, save, then reboot MC1.

D. Wipe out the configuration in MC1 and reboot, then run the full-setup configuration dialog all over again.

Correct Answer: B

QUESTION 5

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