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HPE6-A40 Exam

HP Aruba Certified Mobility Expert 6.4 Written Exam

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DEMO VERSION (LIMITED CONTENT)

Questions & Answers

Version: 9.0

Question: 1

Refer to the exhibit.

Master (10.10.1.1)	Local 1 (10.10.1.2)	Local 2 (10.10.1.3)
ap system-profile "local" lms-ip 10.10.1.1 bkup-lms-ip 10.10.1.3 lms-preemption lms-hold-down-period 30 ! ha group-profile "Cluster-A" pre-shared-key aruba2hpe state-sync controller 10.10.1.1 role active controller 10.10.1.2 role dual ! ap-group "Cluster-A" ap-system-profile "local" ! ha-group-membership Cluster-A	ha group-membership Cluster-A	ha group-membership Cluster-A

A network engineer reviews the HA redundancy configuration of the Master and Local controllers shown in the exhibit. The engineer notices HA preemption is not enabled.
Which statement are correct? (Choose two.)

A. The RAPs in the ap group of Cluster-A can failover to 10.10.10.1.2 and will start to fall back to 10.10.10.1 after 10.10.10.1 is up for 30 seconds.
B. The CAPs in the ap group of Cluster-A can failover to 10.10.10.1.2 and will start to fall back to 10.10.10.1 after 10.10.10.1 is up for 30 seconds.
C. The RAPs in the ap group of Cluster-A can failover to 10.10.10.1.3 and will start to fall back to 10.10.10.1 after 10.10.10.1 is up for 30 seconds.
D. The CAPs in the ap group of Cluster-A can failover to 10.10.10.1.3 and will not fallback the original controller after 10.10.10.1 is up.

Answer: AC

Question: 2

Refer to the exhibits on the tabs.
Exhibit 1

```
(local-1) #show trunk

Trunk Port Table
-------------------
Port    Vlans Allowed           Vlans Active            Native Vlan
------- ----------------        -------------           -------------
GE0/0/0 20-21,130-131,135,1140 20-21,130-131,135,1140  20
```

Exhibit 2

```
Guest       Hash        1000
H-Emp       Hash        130-131
MB-Emp      Hash        135
Management  Hash        20
Remp        Hash        21
Voice       Hash        1140

(Local-1) #show ip interface brief

Interface          IP Address / IP Netmask        Admin       Protocol
vlan 20          10.1.20.100 / 255.255.255.0      up          up
vlan 1           172.16.0.254 / 255.255.255.0     up          down
vlan 130       172.16.131.254 / 255.255.255.0     up          up
vlan 131       172.16.135.254 / 255.255.255.0     up          up
vlan 135       172.16.135.254 / 255.255.255.0     up          up
vlan 1000       192.168.2.254 / 255.255.255.0     up          up
vlan 1140       172.16.40.254 / 255.255.255.0     up          up
vlan 21         172.16.31.254 / 255.255.255.0     up          up
loopback        172.16.31.254 / 255.255.255.0     up          up

(Local-1) #show ip dhcp database

DHCP enabled

#Guest
subnet 192.168.22.0 netmask 255.255.255.0 {
        option vendor-class-identifier "ArubaAP";
        option vendor-encapsulated-options "10.1.20.100";
        option domain-name-servers 192.168.22.254
        option routers 192.168.22.1  192.168.22.254;
        authoritative;
}
```

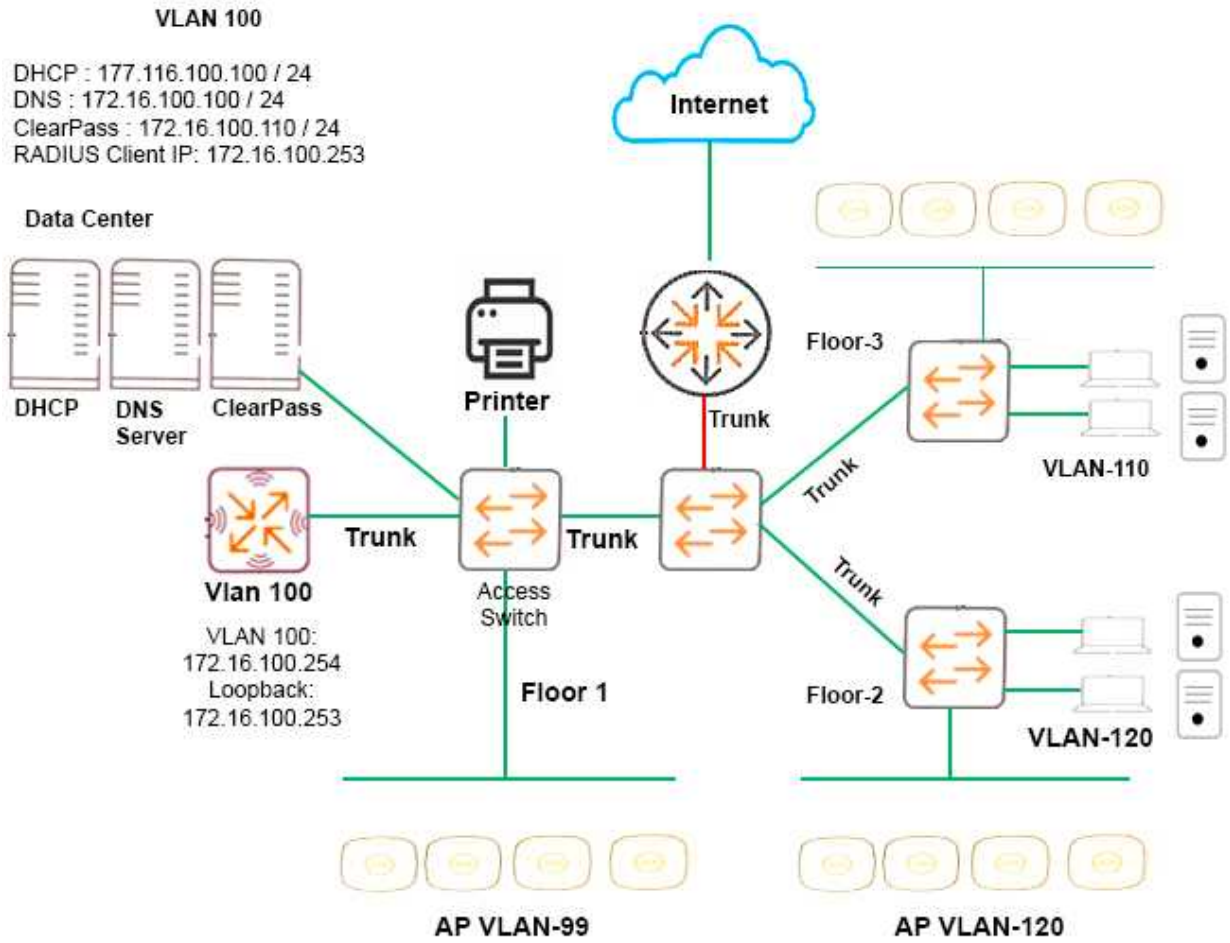
A network support engineer tests the DHCP scopes design for a wireless network. The engineer finds that clients connected to the Guest SSID do not get the IP address from the local controllers DHCP. As per the company policy, guests cannot get the IP from the corporate DHCP.
Based on the information shown in the exhibit, what does the engineer need to do to connect this?

A. Change the VLAN 1000 subnet mask.
B. Change port GE0/0/0 to allow VLAN 1000.
C. Change the VLAN 1000 IP address.
D. Change the VLAN 1000 name and DHCP pool name so they are the same.

Answer: C

Question: 3

Refer to the exhibit.



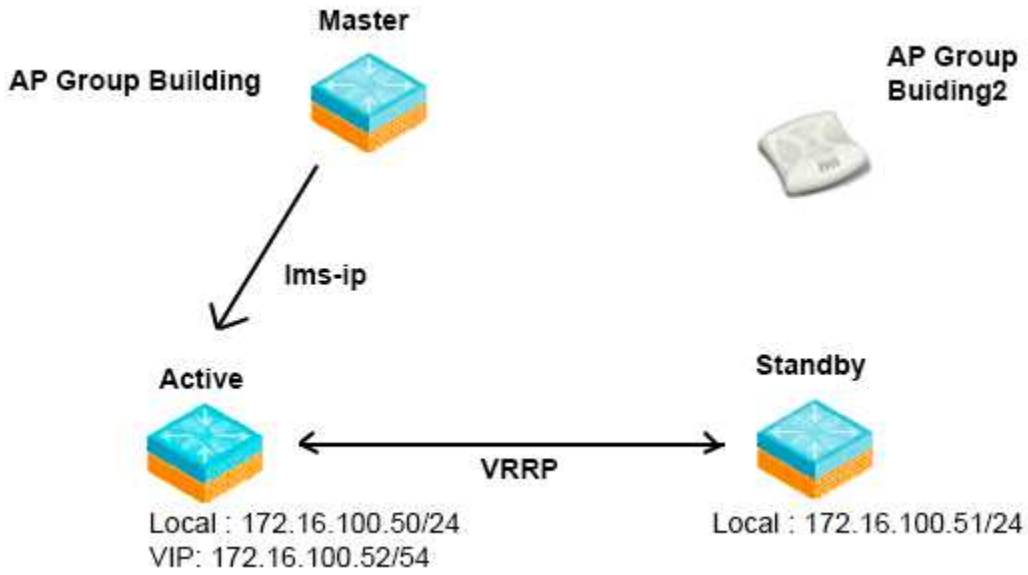
In Aruba architect plans to design a network for a school with a single controller. Wired clients and APs on each floor are mapped to different VLANs. The VLAN mapping is shown in the exhibit. Dot1x authentication is enabled for all the wireless clients, except guests, staff, and student users are mapped to VLAN 200 and 201, respectively. Controller up-link and all other inter switch links are trunk links and allow all necessary VLANs. APs and wired clients are able to get the IP address and other necessary IP parameters. The core switch is doing the inter VLAN routing for the network.
Based on the setup shown in the exhibit, which IP configuration does the controller need? (Choose two.)

A. RADIUS source interface
B. IP helper address only on virtual interfaces of VLAN 200 and VLAN 201
C. Virtual interfaces for all VLAN 101.102.103.200 and 201.
D. IP helper address on all virtual interfaces of VLAN 101, 102, 103, 200 and 201.
E. Static route to reach in the Data Center

Answer: AB

Question: 4

Refer to the exhibit.



A network is configured with one master controller, one active local controller, and one standby local controller that use VRRP redundancy. All controllers are in the same center. The customer wants to configure AP termination redundancy in the event of controller failure and have the fastest recovery.
How can the network administrator configure the controller for LMS redundancy to meet the customer's requirements?

A. Use 172.16.100.50 as the LMS-IP Group Building2 and 172.16.51 as the Backup LMS IP.
B. Use 172.16.100.52 as the LMS-IP Group Building2 and 172.16.51 as the Backup LMS IP.
C. Use 172.16.100.52 as the LMS-IP for AP GOUP Building 2.
D. Use 172.16.100.51 as the Backup LMS IP for AP Group building2.

Answer: A

Question: 5

An Aruba presales engineer works on a proof of concept (PoC) for a customer. As per the customer requirements, RRAPs should be deployed at all home offices of employees who work from home. Only traffic from the RAP in corporate subnets 172.16.10.0/24, 172.168.1.1/24, and 10.254.1.0/8 should reach the controller. The rest of the traffic should be processed by the local resources.
What is the recommended deployment design to meet these requirements?

A. Deploy the RAP in split-tunnel mode, and uses a firewall policy to forward traffic either locally or to the corporate controller.
B. Deploy the RAP in CAP mode, and use a route map to forward traffic either locally or to the

corporate controller.
C. Deploy the RAP in split-tunnel mode, and use a route map to forward traffic either locally or to the corporate controller.
D. Deploy the RAP in split-tunnel mode, and use the split tunnel networks to forward traffic either locally or to the corporate controller.

Answer: C

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