HPE6-A45$^{Q\&As}$

Implementing Aruba Campus Switching solutions

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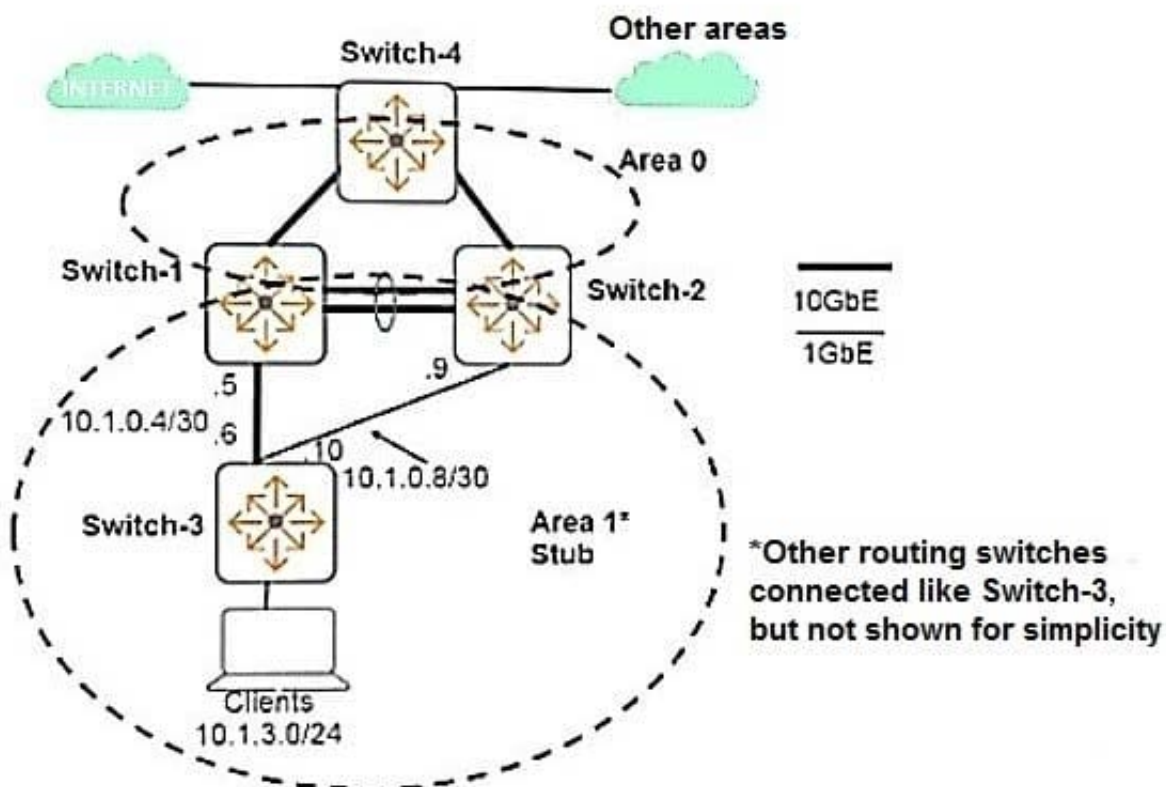
QUESTION 1

Refer to the exhibits.

Exhibit 1.

Exhibit 2.

```
Switch-3(config)# show ip route
IP Route Entries
Destination        Gateway      VLAN Type      Sub-Type    Metric    Dist.
----------------   ---------    ---------      ---------   -------   ------
0.0.0.0/0          10.1.0.5     104  ospf      InterArea   2         110
0.0.0.0/0          10.1.0.9     108  ospf      InterArea   2         110
10.1.0.4/30        ToSwitch-1   104  connected             1         0
10.1.0.8/30        ToSwitch-2   108  connected             1         0
10.1.3.0/24        Clients      130  connected             1         0
10.1.4.0/24        10.1.0.5     104  ospf      IntraArea   3         110
10.1.4.0/24        10.1.0.9     108  ospf      IntraArea   3         110
10.2.0.0/16        10.1.0.5     104  ospf      InterArea   2         110
10.2.0.0/16        10.1.0.9     108  ospf      InterArea   2         110
127.0.0.0/8        reject            static                0         0
127.0.0.1/32       lo0               connected             1         0
```

The exhibits show the current operational state for routes on Switch-3. The company wants Switch-3 to prefer the link to Switch-1 over the link to Switch-2 for all intra-area, inter-area, and external traffic.

What can the network administrator do to achieve this goal?

A. Set the OSPF cost on VLAN 108 higher than 1 on Switch-2 and Switch-3.

B. Set the OSPF administrative distance on Switch-2 higher than 110.

C. Set the OSPF area type to normal on all of the switches in Area 1.

D. Set the cost in the OSPF Area 1 stub command higher than 1 on Switch-2.

Correct Answer: D

QUESTION 2

An AOS-Switch needs to use captive portal to integrate with an Aruba ClearPass Guest solution. The solution should allow guests to connect their own devices to the network, be redirected to a portal, log in, and be granted access transparently.

What is one setting administrators should configure for this solution?

A. ClearPass should be defined as the enhanced Web Auth (EWA) server.

B. RADIUS MAC-Auth should be enabled on the guest ports.

C. Web-Auth should be enabled on the guest ports.

D. BYOD redirect should be enabled globally.

Correct Answer: B

QUESTION 3

Refer to the exhibit.

```
#Output for access layer switches

Switch-1# show running-config interface 1-20
#Same config all all interfaces
Running configuration:

interface 1
     untagged vlan 2
     tagged vlan 3
     exit

Switch-1# show running-config vlan 3

Running configuration:
vlan 3
     tagged 1-20
     qos priority 5
     exit
```

A company has IP phones that are LLDP-MED capable. The exhibit shows the configuration for the VLAN to which IP phones belong, as well as the configuration for ports to which phones will connect. AOS-Switches at the access layer are set up to use LLDP-MED. The administrator wants to automatically provision the phones to send traffic with the right VLAN tag and priority.

Which additional configuration step must the administrator complete?

A. Specify LLDP-MED as the global LLDP mode

B. Specify the voice setting in VLAN 3

C. Enable LMA and configure the proper LMA profiles

D. Enable 802.1X and MAC-based VLANs on the ports

Correct Answer: B

QUESTION 4

A company wants to implement 802.1X authentication to authenticate client devices on AOS-Switch ports. The company has a RADIUS server that uses PEAP MSCHAP-v2 for the authentication method.

What is one task administrators should complete before they implement the plan?

A. Set up an isolated VLAN in the network for the 802.1X communications.

B. Install personal certificates on client devices.

C. Configure DHCP services on the AOS-Switches for pre-authenticated clients.

D. Ensure client devices trust the RADIUS server certificate.

Correct Answer: D

QUESTION 5

What is the purpose of the captive portal URL hash key on an AOS-Switch?

A. It specifies the captive portal URL and conceals the setting in the config.

B. It authenticates guest users based on the password the users enter in the portal.

C. It does not let users alter the URL that redirects them to the portal.

D. It encrypts and secures the RADIUS messages that the AOS-Switch sends to ClearPass.

Correct Answer: C

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