DUMPSARENA

Delta - Implementing Aruba Campus Switching Solutions

HP HPE6-A46

Version Demo

Total Demo Questions: 10

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QUESTION NO: 1

Network administrators want to gain insight into network utilization, traffic patterns, and the types of applications in use across the network over the long term.

Which technology can help them achieve this goal?

A. RMON

B. sFlow

C. SNMP traps

D. DiffServ

ANSWER: B

QUESTION NO: 2

What is a typical reason to implement MAC authentication on an AOS-Switch?

A. to filter traffic at the edge, based on multiple criteria in the MAC header

B. to provision switch ports to support devices such as IP phones or printers

C. to enhance the security of an 802.1X solution

D. to control management access to the switch CLI based on device, as well as user credentials

ANSWER: C

QUESTION NO: 3

Refer to the exhibit.

```
Switch-1# show link-keepalive
Status and Configuration - UniDirectional Link Detection (UDLD)

Keepalive Retries   : 4
Keepalive Interval  : 5000 ms
Keepalive Mode      : forward-then-verify
              Physical       Keepalive Adjacent       UDLD
Port  Enabled Status         Status    Switch         VLAN
----- ------- -------------  --------- -------------  -------
A23   Yes     up             failure   00fd45-653ae9  untagged
```

Switch-1 and Switch-2 connect on interface A23. The switches experience a connectivity issue. The network administrator sees that both switches show this interface as up. The administrator sees the output shown in the exhibit on Switch-1.

What is a typical issue that could cause this output?

A. a hardware issue, such as a broken cable

B. asymmetric routing introduced by a routing configuration error

C. an issue with queuing, caused by mismatched QoS settings

D. mismatched IP addresses on the VLAN for the link

ANSWER: A

QUESTION NO: 4

A company requires AOS-Switches at the campus core. The switches:

☞ Will act as the default gateways for several campus VLANs

☞ Must provide redundancy for their services and tolerate the loss of a link or an entire switch

☞ Must recover from the failure of one of the switches within a second or less

VRRP and MSTP are proposed to meet these requirements. What is an issue with this proposal?

A. VRRP provides redundancy against lost links but not a failed switch.

B. VRRP provides routing redundancy but not default gateway redundancy.

C. VRRP does not interoperate with MSTP.

D. VRRP takes longer than a second to fail over.

ANSWER: D

QUESTION NO: 5

Refer to the exhibits.

Exhibit 1

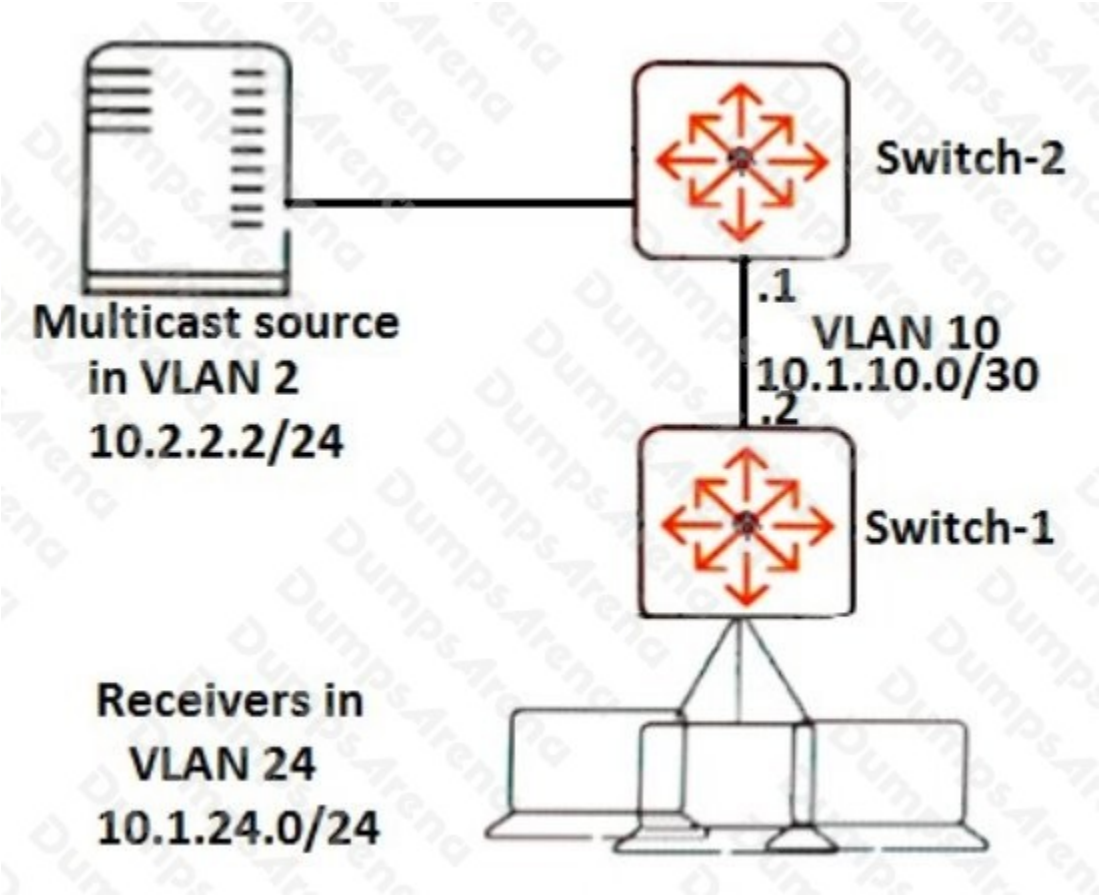


Exhibit 2

```
Switch-1# show ip pim pending
Join Pending

Switch-1# show ip mroute
  IP Multicast Route Entries
  Total number of entries : 0
  Group Address       Source Address Neighbor          VLAN

Switch-2# show ip pim mroute 239.1.1.1 10.2.2.2
  IP Multicast Route Entry
    Group Address       : 239.1.1.1
    Source Address      : 10.2.2.2
    Neighbor            : 10.2.2.2
    VLAN                : 2
    Up Time (sec)             : 216
    Expire Time (sec)         : 285

    Multicast Routing Protocol      : PIM-DM
    Unicast Routing Protocol        : connected
<output omitted>
    Downstream Interfaces
        VLAN        State       Up Time (sec)       Expire Time (sec)
        ----------  ----------  ------------------  --------------------------
        10          pruned      216                 174
```

A network administrator sets up PIM-DM to route traffic from the multicast source to clients in VLAN 24. The server begins to forward multicasts, and the clients are set up to receive them. However, the multicasts do not reach the clients.

Based on the output, what should the administrator verify?

A. that VLAN 24 on Switch-1 runs both IGMP and PIM-DM

B. that Switch-2 has PIM-DM enabled on VLAN 10

C. that state refreshes are enabled on Switch-2

D. that Switch-1 has selected Switch-2 as its RP for 239.1.1.1

ANSWER: B

QUESTION NO: 6

Refer to the exhibits.

Exhibit 1

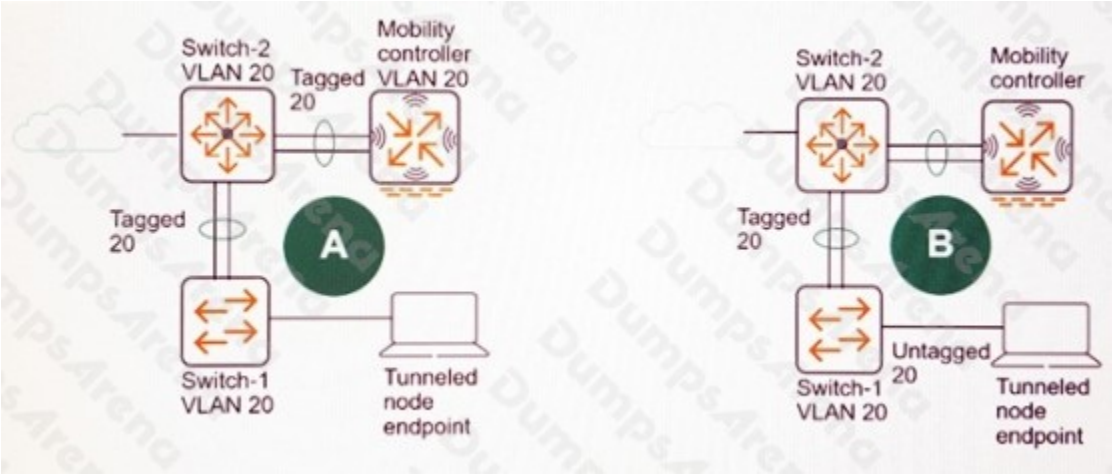
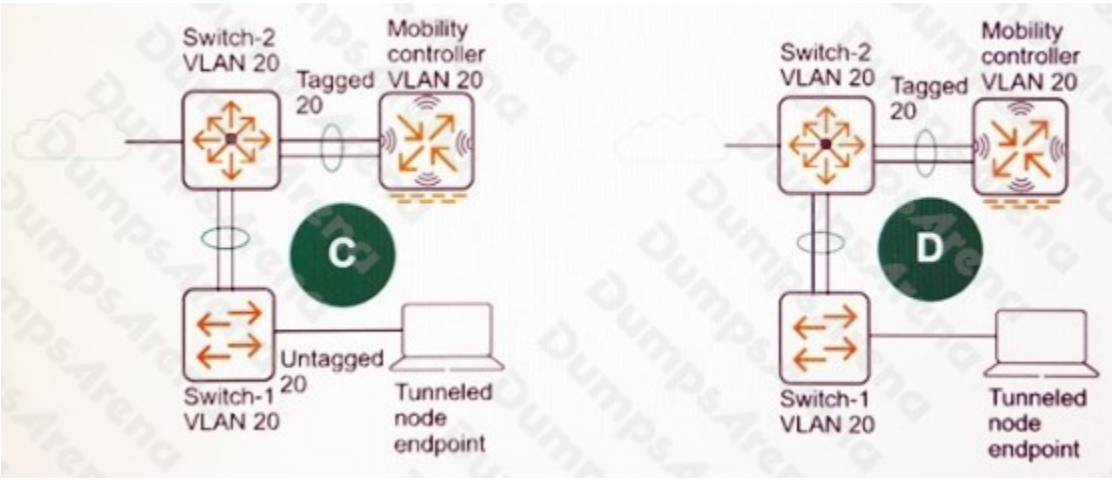


Exhibit 2



In the exhibits, VLAN 20 under a device name indicates that the device is configured with that VLAN. The exhibits also indicate whether VLAN 20 is statically configured on each link, either as an untagged or a tagged VLAN. If the link has no label, VLAN 20 is not statically configured on that link.

A network administrator needs to deploy AOS-Switches that use port-based tunneled node.

The plan calls for tunneled-node endpoints to be assigned to VLAN 20 and for the Aruba Mobility Controller to handle the tunneled-node traffic at Layer 2. Which exhibit shows the correct plan for VLAN 20 in the wired infrastructure?

A. A

B. B

C. C

D. D

ANSWER: B

QUESTION NO: 7

Refer to the exhibits.

Exhibit 1

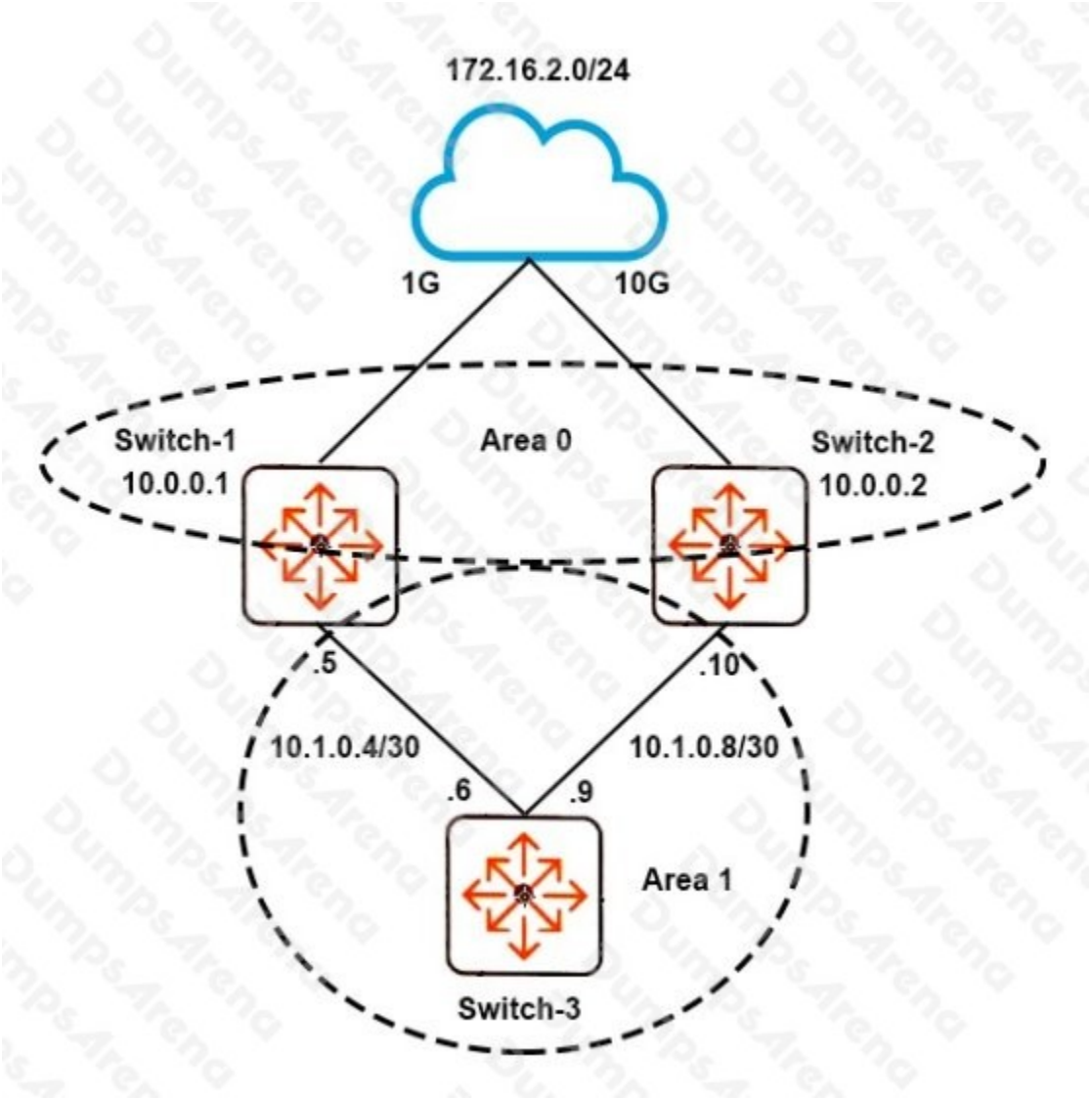


Exhibit 2

```
Switch-1 partial running-config
ip route 172.16.0.0/16 172.16.2.1
router ospf
  area backbone
  area 0.0.0.1 stub 1
  redistribute static

Switch-2 partial running-config
ip route 172.16.0.0/16 172.16.1.1
router ospf
  area backbone
  area 0.0.0.1 stub 1
  redistribute static

Switch-3 partial running-config
vlan 104
  ip address 10.1.0.6 255.255.255.252
  ip ospf area 0.0.0.1
  untagged a1
vlan 108
  ip address 10.1.0.10 255.255.255.252
  ip ospf area 0.0.0.1
  untagged a2
router ospf
  area 0.0.0.1 stub 1
```

The exhibits show the current operational state for routes on Switch-3. The company wants

Switch-3 to send all traffic to 172.16.0.0/16 through Switch-2.

Which single configuration change creates the desired behavior?

A. Change the OSPF external metric type to 1 on Switch-1 and Switch-3.

B. Change the OSPF external metric type to 2 on Switch-1 and Switch-2.

C. Set a cost of 15 in the redistribute static command on Switch-2.

D. Set a cost of 5 in the router ospf area 0.0.0.1 stub command on Switch-1.

ANSWER: C

QUESTION NO: 8

Network administrators need to configure a BGP neighbor on an AOS-Switch. What defines the neighbor as an iBGP neighbor?

A. It has BGP synchronization enabled.

B. It has an AS number in the range of 64512 to 64535.

C. Its update source is set to a private company IP address.

D. Its remote-AS is the same as the AOS-Switch BGP AS.

ANSWER: D

QUESTION NO: 9

A network uses MSTP and has AOS-Switches at the access layer. The company wants edge ports on the access layer switches to meet these criteria:

☞ They prevent all rogue switches that run STP, RSTP, or MSTP from connecting to the network.

☞ If a rogue switch connects and is then replaced by a proper endpoint, the port recovers automatically without IT staff involvement.

How should the network administrator set up the edge ports to meet these requirements?

A. Enable loop protection with a timeout period.

B. Enable BPDU filtering.

C. Enable both root guard and BPDU protection.

D. Enable BPDU protection with a timeout period.

ANSWER: D

QUESTION NO: 10

What is a reason to implement PIM-DM as opposed to PIM-SM?

A. to conserve bandwidth over WAN links

B. to permit a higher density of rendevous point (RP) routers in the network core

C. to control exactly which multicast groups are routed through the network

D. to obtain the simplest setup in a network with high bandwidth

ANSWER: D