HPE6-A45^{Q&As}

Implementing Aruba Campus Switching solutions

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QUESTION 1

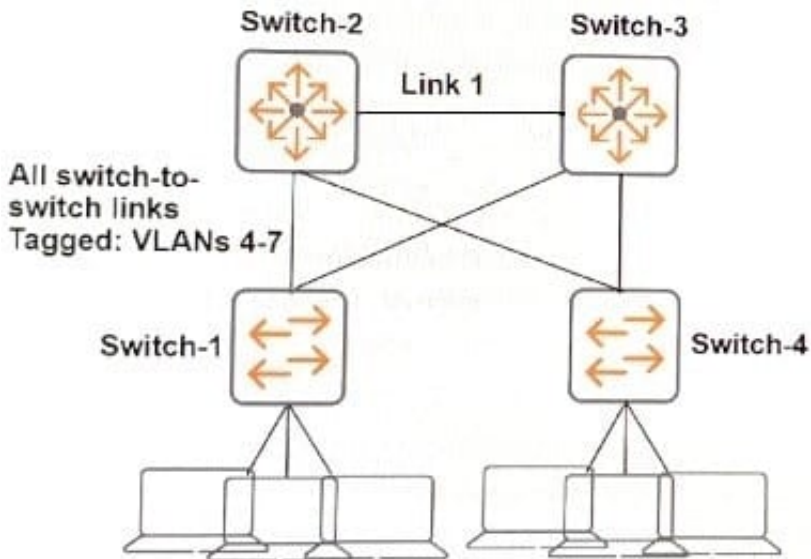Refer to the exhibits. Exhibit 1.

Exhibit 2.

```
Switch-2# display vrrp
 IPv4 Standby Information:
     Run Mode        : Standard
     Run Method      : Virtual Mac
 Total number of virtual routers : 4
 Interface   VRID   State    Run   Adver  Auth   Virtual
                             Pri   Timer  Type     IP
 -----------------------------------------------------------
 Vlan4        4     Master   254    1     None   10.1.4.1
 Vlan5        5     Backup   100    1     None   10.1.5.1
 Vlan6        6     Master   254    1     None   10.1.6.1
 Vlan7        7     Backup   100    1     None   10.1.7.1


Switch-3# display vrrp
 IPv4 Standby Information:
     Run Mode        : Standard
     Run Method      : Virtual Mac
 Total number of virtual routers : 4
 Interface   VRID   State    Run   Adver  Auth   Virtual
                             Pri   Timer  Type     IP
 -----------------------------------------------------------
 Vlan5        4     Master   100    1     None   10.1.4.1
 Vlan4        5     Backup   254    1     None   10.1.5.1
 Vlan7        6     Master   100    1     None   10.1.6.1
 Vlan6        7     Backup   254    1     None   10.1.7.1
```

The company wants to minimize congestion on Link 1.

Which spanning tree implementation meets this goal?

A. Instance 1 = VLANs 4-5 Instance 2 = VLANs 6-7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 1 Switch 3 instance 2 priority = 0

B. Instance 1 = VLANs 4,6 Instance 2 = VLANs 5,7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 1 Switch 3 instance 2 priority = 0

C. Instance 1 = VLANs 4,6 Instance 2 = VLANs 5,7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 0 Switch 3 instance 2 priority = 1

D. Instance 1 = VLANs 4-5 Instance 2 = VLANs 6-7 Switch 2 instance 1 priority = 0 Switch 2 instance 2 priority = 1 Switch 3 instance 1 priority = 0 Switch 3 instance 2 priority = 1

Correct Answer: C

QUESTION 2

![Pass2Lead](https://Pass2Lead.com)
OSPF Area 1 has two ABRs. One ABR is configured with this range for Area 1: 10.10.0.0/16. The other ABR is not configured with a range for Area 1.

Which type of issue occurs due to this mismatch?

A. The ABRs create a discontinuous area and disrupt intra-area routing between devices within Area 1.

B. The ABR core would send Area 1 traffic destined to the other switch through an access switch.

C. The ABRs lose adjacency entirely and cannot route traffic between each other at all.

D. The ABRs lose adjacency in Area 1 and must route all traffic to each other through Area 0.

Correct Answer: A

QUESTION 3

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

Correct Answer: C

QUESTION 4

Refer to the exhibits.

Exhibit 1
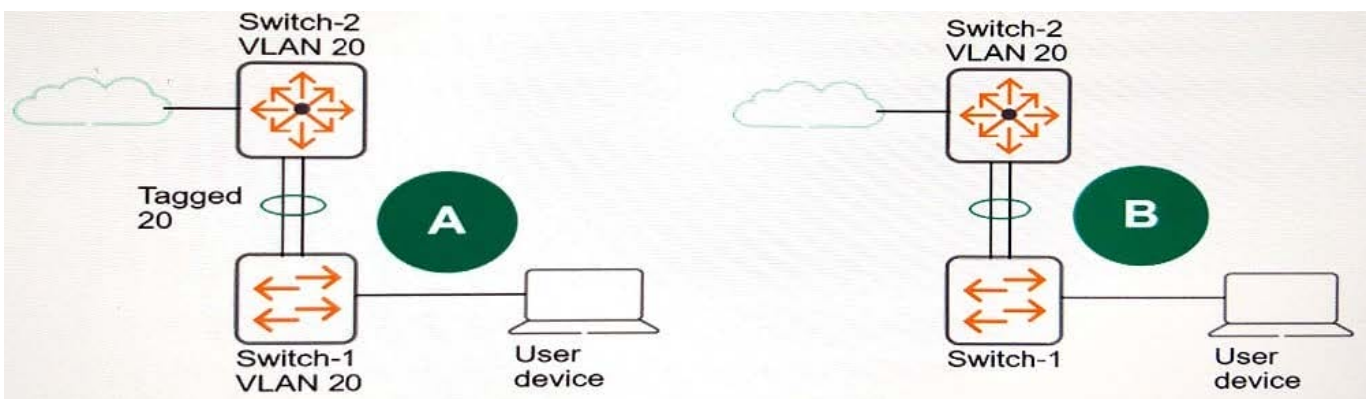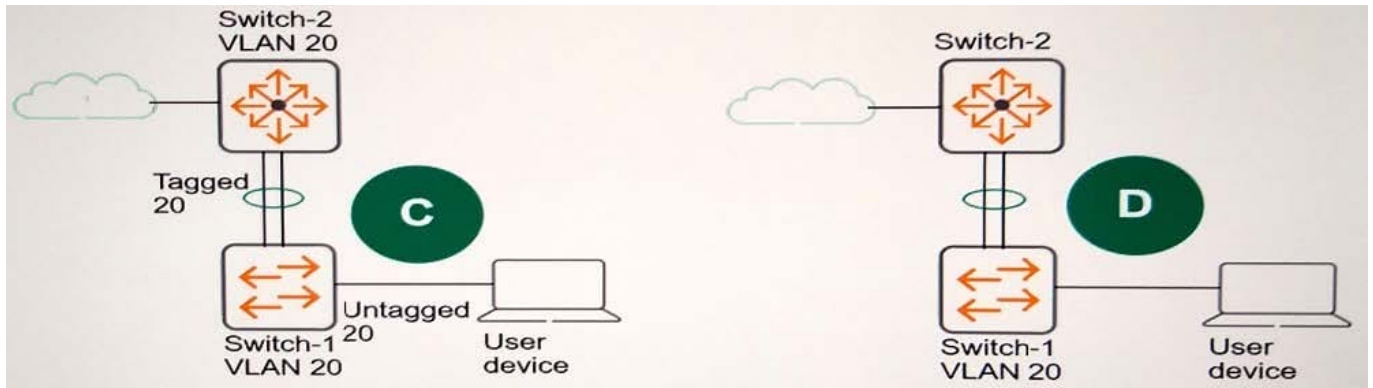

Exhibit 2

![Pass2Lead logo](https://Pass2Lead.com)
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 at the access layer. They enforce 802.1X on edge ports. In the exhibits, Switch-1 represents the access layer switches. The plan calls for users to be dynamically assigned to VLAN 20 or VLAN 30, based on identity. If the RADIUS server authorizes the user but does not assign a VLAN, the user should be assigned to VLAN 30. Switch-2 is the default router for the user VLANs.

Which exhibit shows the correct plan for VLAN 20 in the wired infrastructure?

A. A

B. B

C. C

D. D

Correct Answer: C

QUESTION 5

The implementation plan for AOS-Switches calls for them to implement port-based tunneled node. The Aruba Mobility Controllers that will support the AOS-Switches run software 8.1. The controllers will also support APs, are managed by Mobility Master, and use clustering.

Which issue with this plan needs to be addressed?

A. The controllers cannot support tunneled node with AOS-Switches when they are managed by the Mobility Master.

B. The switches cannot connect to controllers that also support APs.

C. The controllers must have their software updated before they can support the switches.

D. The switches must use role-based tunneled node to work with clustering controllers.

Correct Answer: A