



HPE6-A45^{Q&As}

Implementing Aruba Campus Switching solutions

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QUESTION 1

Refer to the exhibit.

```
Switch-1(config)# display vrrp
IPv4 Standby Information:
Run Mode: Standard
Run Method : Virtual MAC
Total number of virtual routers : 3
Interface VRID State Run Adver Auth Virtual
Pri Timer Type IP
-----
Vlan2 2 Backup 100 1 None 10.1.2.1
```

```
Switch-2(config)# display vrrp
IPv4 Standby Information:
Run Mode : Standard
Run Method : Virtual MAC
Total number of virtual routers : 3
Interface VRID State Run Adver Auth Virtual
Pri Timer Type IP
-----
Vlan2 2 Master 254 1 None 10.1.2.1
```

Switch-1 and Switch-2 are configured to provide VRRP in VLAN 2. Based on the output, what will happen when a client in VLAN 2 sends an ARP request for its default gateway IP address?

- A. Only Switch-2 will respond, and it will respond with its own MAC address.
- B. Only Switch-2 will respond, and it will respond with the virtual MAC address for VRID 2.
- C. Both Switch-1 and Switch-2 will respond, and both will respond with the virtual MAC address for VRID 2.
- D. Both Switch-1 and Switch-2 will respond, and each will respond with its own MAC Address.

Correct Answer: B

QUESTION 2

Refer to the exhibits. Exhibit 1.

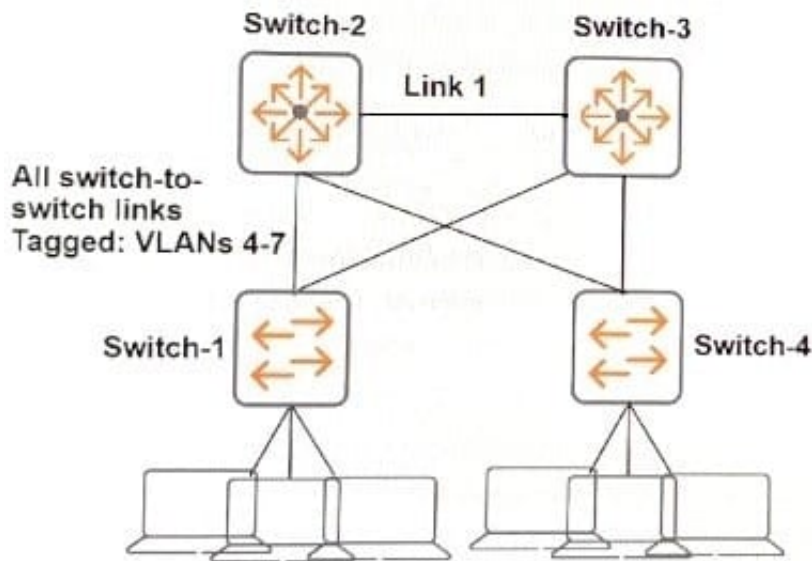


Exhibit 2.

```
Switch-2# display vrrp
```

```
IPv4 Standby Information:
```

```
Run Mode      : Standard
```

```
Run Method     : Virtual Mac
```

```
Total number of virtual routers : 4
```

Interface	VRID	State	Run Pri	Adver Timer	Auth Type	Virtual 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 Pri	Adver Timer	Auth Type	Virtual 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.

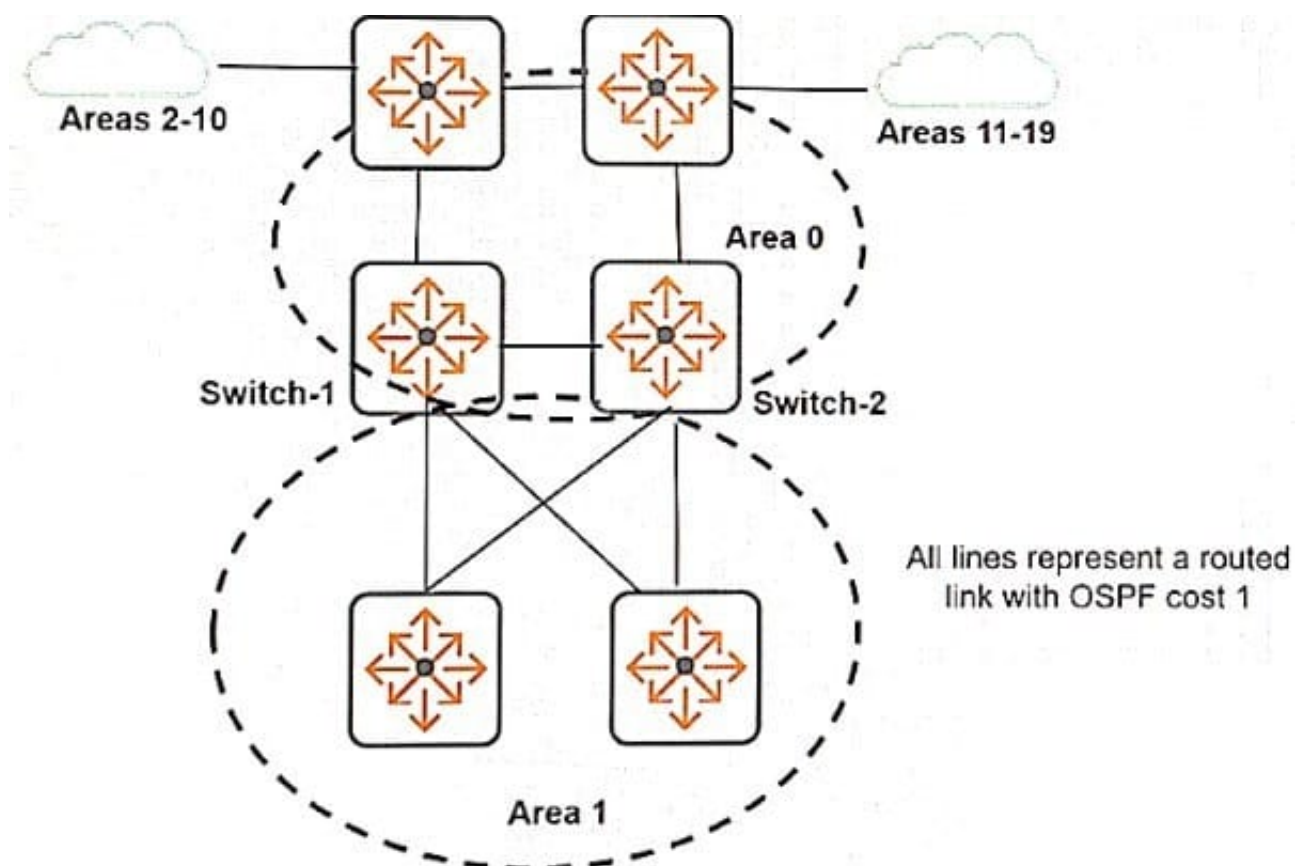
Which spanning tree implementation meets this goal?

- 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 3

Refer to the exhibit.



A company wants to change Area 1 shown in the exhibit from a stub area to a totally stub area. What will be one effect of this planned change?

- A. Routing devices within Area 0 will temporarily lose adjacency with each other.



- B. Switch-1 and Switch-2 will adjust the cost with which they advertise area 1 traffic in the backbone.
- C. Some traffic from Area 1 to other areas will no longer follow the lowest cost path.
- D. Endpoints within Area 1 will no longer be able to reach endpoints in other areas.

Correct Answer: C

QUESTION 4

What is a reason to implement port security on an AOS-Switch?

- A. to simplify provisioning for devices such as IP phones or printers
- B. to enhance the security of an 802.1X solution
- C. to filter traffic at the edge, based on multiple criteria in the MAC header
- D. to control management access to the switch CLI based on device, as well as user credentials

Correct Answer: B

Reference: http://h22208.www2.hpe.com/eginfolib/networking/docs/switches/WB/15-18/59988152_wb_2920_asg/content/ch14s02.html

QUESTION 5

What must an OSPF router do to ensure nonstop routing should a standby member take over as commander when the original VSF commander fails?

- A. It must run the shortest path first algorithm.
- B. It must participate in a new election for the Designated Router.
- C. It must initiate a graceful restart.
- D. It must re-establish adjacency with its Designated Router.

Correct Answer: C

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