



HPE6-A45^{Q&As}

Implementing Aruba Campus Switching solutions

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QUESTION 1

Refer to the exhibits. Exhibit 1.

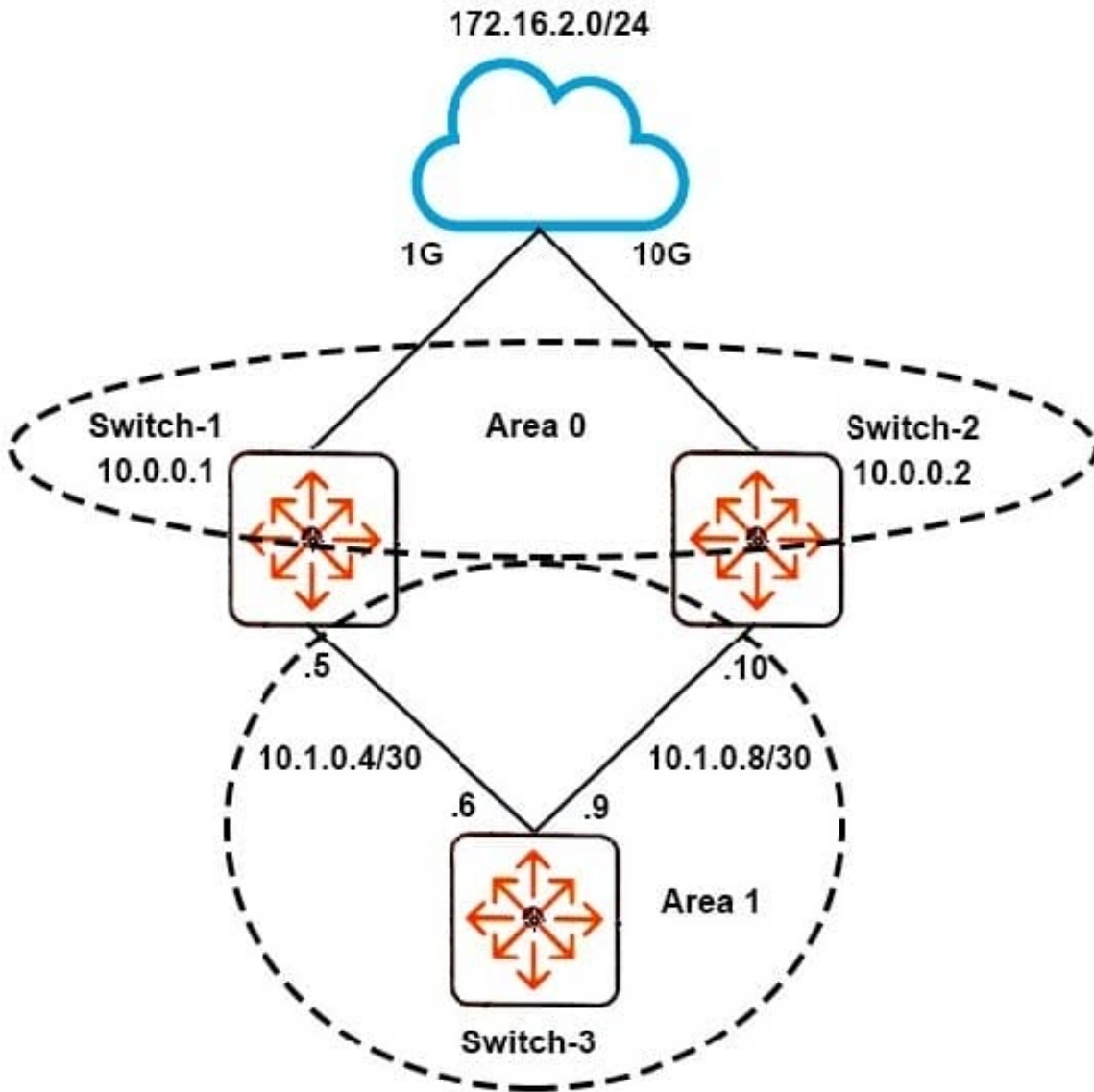


Exhibit 2.



```
Switch-3 partial running-config
vlan 104
  ip address 10.1.0.6 255.255.255.252
  ip ospf 10.1.0.6 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
```

```
Switch-3# show ip ospf external-link-state detail
OSPF External LSAs
```

```
LSA Age: 24
LSA Type: 0x5 (AS External LSA)
Advertising Router : 10.0.0.1
Link State ID : 172.16.0.0
LSA Sequence : 0x80000001
LSA Checksum : 0x7966
LSA Option Bits : E=0 MC=0 N/P=0 EA=0 DC=0
LSA Metric : 10
Bit E : 1 (External Metric Type2)
Forwarding Address : 0.0.0.0
External Route Tag : 0
```

```
LSA Age: 30
LSA Type : 0x5 (AS External LSA)
Advertising Router : 10.0.0.2
Link State ID : 172.16.0.0
LSA Checksum : 0x7966
LSA Metric : 10
Bit E : 1 (External Metric Type2)
Forwarding Address : 0.0.0.0
External Route Tag : 0
```

The exhibits show the current operational state for routes on Switch-3 to send all traffic to 172.16.0.0/16 through Switch-2 during normal operation.

Which single configuration change creates the desired behavior?

A. Set a cost of 100 in the redistribute static command on Switch-2 to change the external LSA metric.

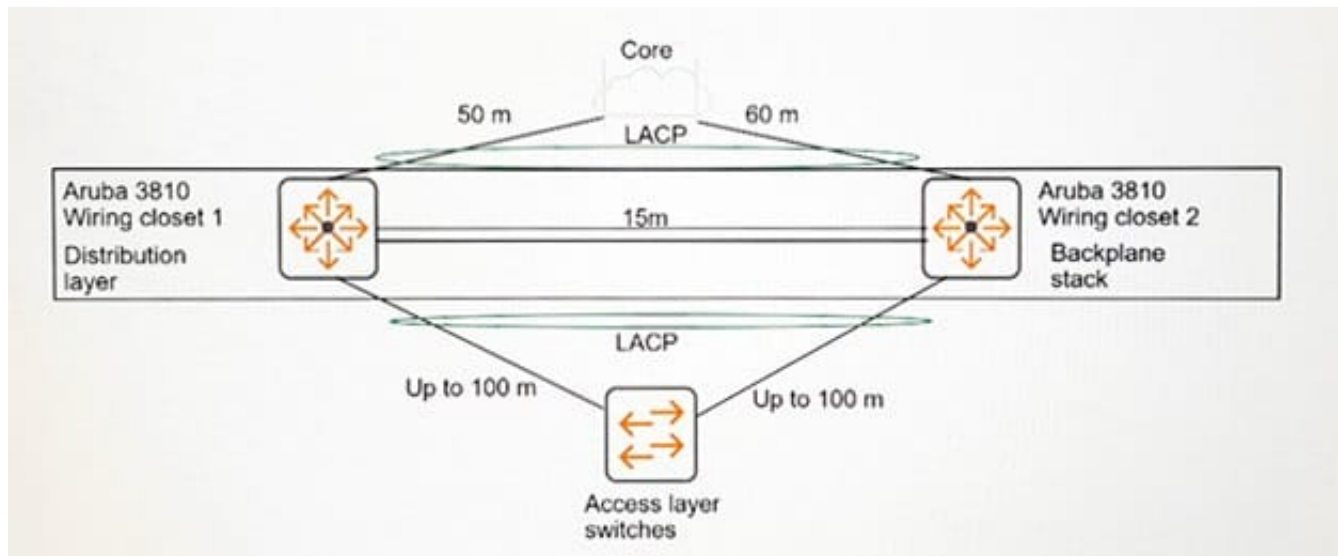


- B. Change the OSPF external metric type to 1 on Switch-1, and set a cost of 100 on Switch-3 VLAN 104.
- C. Change the OSPF external metric type to 1 on Switch-1, and set a cost of 100 on Switch-3 VLAN 108.
- D. Set a cost of 100 in the redistribute static command on Switch-1 to change the external LSA metric.

Correct Answer: D

QUESTION 2

Refer to the exhibit.



A company requires distribution layer switches that can provide Layer 2 and Layer 3 redundancy. The exhibit shows the proposal for these switches.

Which change to the proposal will help meet the company's requirements?

- A. The proposed switches should be replaced with switches such as the Aruba 2930M to support the backplane stacking technology.
- B. VRRP should be implemented instead of backplane stacking to support the Layer 3 redundancy requirements.
- C. Link aggregations should be established without LACP to support the Layer 2 redundancy requirements and backplane stacking limitations.
- D. The proposed switches should be replaced with switches that support VSF to support the required distance between stack members.

Correct Answer: C

QUESTION 3



A network administrator configures DHCP snooping on VLAN 2. How does the switch handle DHCP traffic that arrives in this VLAN on an untrusted interface?

- A. It accepts packets from a DHCP server, but drops client packets.
- B. It drops all DHCP traffic and logs a security event.
- C. It accepts both client and server packets as long as they match the DHCP binding table.
- D. It accepts client packets, but drops packets from a DHCP server.

Correct Answer: A

QUESTION 4

Refer to the exhibit.



```
Switch-1# show running-config router ospf
router ospf
  area 0.0.0.1 stub 1
  area 0.0.0.1 range 10.1.0.0 255.255.0.0
  area backbone
  enable
  exit
```

```
Switch-1# show ip ospf interface
  OSPF Interface Status
```

IP Address	Status	Area ID	State	Auth-type	Cost	Pri	Passive
10.1.1.1	enabled	0.0.0.1	DR	none	1	1	no

<-output omitted->

```
Switch-2# show running-config router ospf
router ospf
  area 0.0.0.1
  enable
  exit
```

```
Switch-2# show ip ospf interface
  OSPF Interface Status
```

IP Address	Status	Area ID	State	Auth-type	Cost	Pri	Passive
10.1.1.1	enabled	0.0.0.1	DR	none	1	1	no

<-output omitted->

Why are these switches unable to achieve adjacency?

- A. Switch-1 and Switch-2 use different area types for Area 1.
- B. Switch-2 does not support every area that Switch-1 does.
- C. The area range is incorrect on Switch-1 and missing on Switch-2.
- D. They have the same priority and cannot elect a Designated Router (DR).

Correct Answer: A



QUESTION 5

A company has a wireless Aruba solution and wired users that connect to AOS-Switches. The company wants deep insight into the types of applications that wired users run. The company also wants more control over the traffic.

What can the company do to meet these goals?

- A. Use tunneled node to send traffic through an Aruba Mobility Controller
- B. Configure extended IP ACLs on the AOS-Switches to filter the traffic.
- C. Configure RMON receives on the switches.
- D. Set up remote traffic mirroring between the AOS-Switches and Aruba Mobility Controllers.

Correct Answer: A

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