HPE2-Z39 Q&As

Fast Track - Applying Aruba Switching Fundamentals for Mobility

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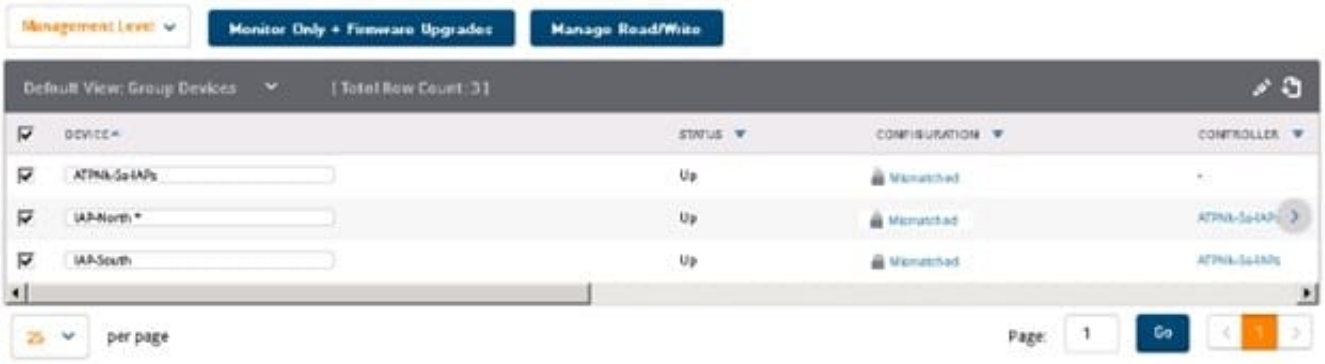
QUESTION 1



An Aruba Instant cluster is added in Aruba AirWave. A network administrator needs to change the cluster management level to Manage Read "Write. The exhibit shows the current status for the cluster.

What should the administrator do before changing the management level?

A. Check the cluster SNMP credentials and resolve the mismatch between the cluster credentials and AirWave credentials.

B. Verify that the cluster is configured with the same shared key that is configured in the global AirWave settings.

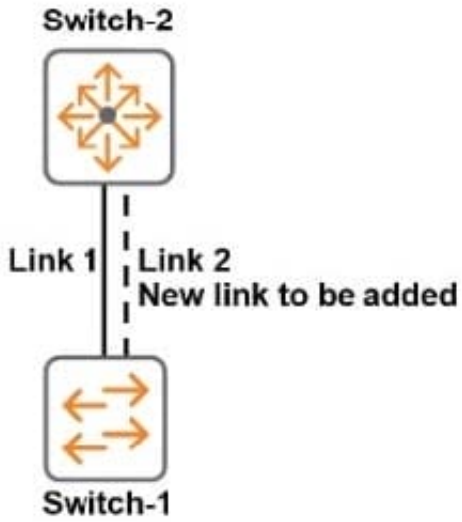
C. Investigate why the cluster configuration does not match the group configuration template and resolve any issues.

D. Determine why AirWave cannot contact the cluster and resolve any connectivity issues in the network.

Correct Answer: A

QUESTION 2

Refer to the exhibit.



The switches in the exhibit use RSTP The network administrator needs to add Link 2. Why should the administrator configure Links 1 and 2 as a link aggregation?

A. to combine traffic statistics for the interfaces

B. to prevent a loop from occurring

C. to share traffic more evenly over both links

D. to automatically apply the settings already configured for Link 1 to Link 2

Correct Answer: C

QUESTION 3

Refer to the exhibits.

Exhibit 1

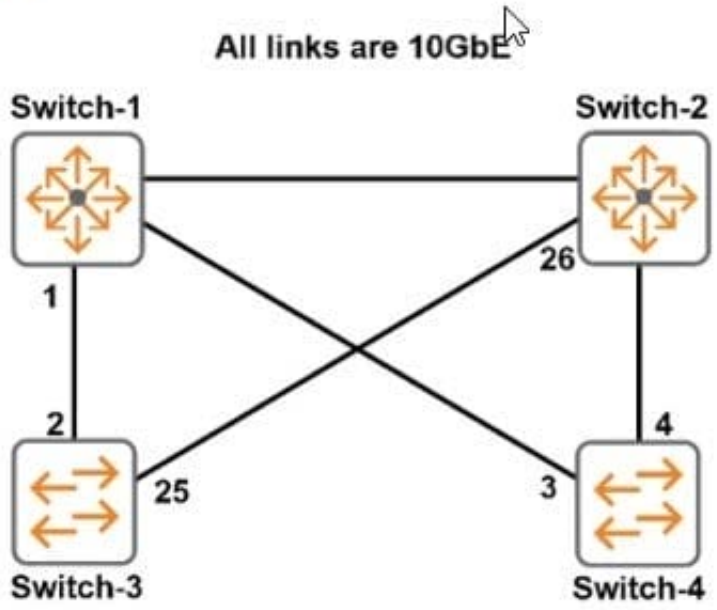


Exhibit 2

```
#Switch-1 spanning-tree running config

spanning-tree
spanning-tree priority 0

#Switch-2 spanning-tree running config

spanning-tree
spanning-tree priority 1

#Switch-3 spanning-tree running config

spanning-tree

#Switch-4 spanning-tree running config

spanning-tree
```

Exhibit 2 shows the spanning tree portion of the running-config for each switch.

What are two ports with the alternate role?

A. 1 and 2

B. 2 and 4

C. 4 and 25

D. 25 and 26

Correct Answer: B

QUESTION 4

A network administrator has set up a link between two ArubaOS switches. Both switches have an IP address in VLAN 1 and can ping each other in VLAN 1. The administrator then creates VLAN 2 and tags it on the same link of both switches.

A. How can the administrator verify that the connectivity in VLAN 2 is functional between the two switches7 Use either LLDP or ARP to test connectivity.

B. Use LLDP to test connectivity.

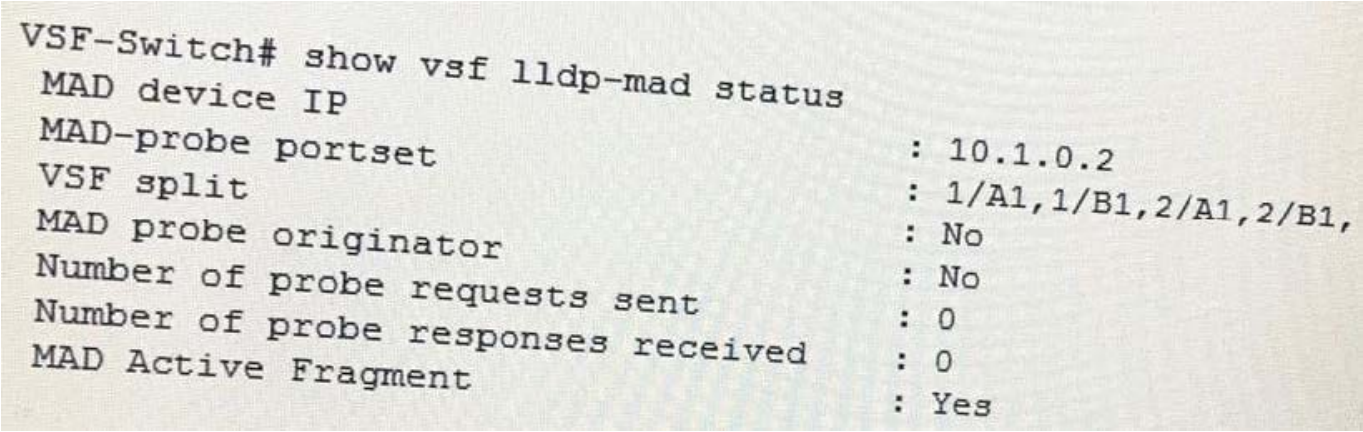
C. Assign each switch an IP address in VLAN 2. and use ICMP to test connectivity.

D. Assign each switch an IP address in VLAN 2. and use LLDP to test connectivity.

Correct Answer: B

QUESTION 5

Refer to the exhibit.



What does the command output in the exhibit indicate about the status of an Aruba Virtual Switching Framework (VSF) fabric?

A. The two members of the VSF fabric cannot contact each other, and the other member is the active member.

B. The two members of the VSF fabric cannot contact each other, and this member is the active member.

C. The two members of the VSF fabric are currently connected.

D. The second member of the VSF fabric has not yet joined the fabric, so LLDP-MAD is not operational.

Correct Answer: D

QUESTION 6

Refer to the exhibit.

```
Switch-C# show spanning-tree
< output omitted >
  IST Mapped VLANs: 1-4094
  Switch MAC Address    : 6c3be5-6208c0
  Switch  Priority      : 8192
  Max Age         : 20
  Max Hops        : 20
  Forward Delay : 15
  Topology Change Count   : 10
  Time Since Last Change : 8 mins
  CST Root MAC Address : 1c98ec-ab4b00
  CST Root Priority     : 0
  CST Root Path Cost    : 20000
  CST Root Port         : Trk1
<-output omitted->
                      |            Prio                | Designated     Hello
  Port    Type        | Cost       rity State          | Bridge         Time PtP Edge
  ------ ---------- + --------- ---- ------------ + ------------- ---- --- ----
  1       100/1000T   | 20000      128  Forwarding     | 6c3be5-6208c0 2    Yes Yes
  2       100/1000T   | 20000      128  Blocking       | 70106f-0d2100 2    Yes No
  3       100/1000T   | 20000      128  Forwarding     | 6c3be5-6208c0 2    Yes No
  Trk1                | 20000      64   Forwarding     | 1c98ec-ab4b00 2    Yes No
```

Based on this ArubaOS switch output, what can a network administrator determine about the spanning tree topology?

A. Port 2 is an edge port

B. Port 3 will become the root port if the current root port becomes unavailable.

C. Switch-C is the root bridge of the topology.

D. Trk1 offers the lowest cost path to the common spanning tree root.

Correct Answer: C

QUESTION 7

```
Switch# show vlans port 1 detail

 Status and Counters - VLAN Information - for ports 1

  VLAN ID Name                | Status     Voice Jumbo Mode
  ------- ------------------- + ---------- ----- ----- --------
  5       VLAN5               | Port-based No    No    Untagged

Switch# show vlans port 2 detail

 Status and Counters - VLAN Information - for ports 2

  VLAN ID Name                | Status     Voice Jumbo Mode
  ------- ------------------- + ---------- ----- ----- --------
  1       DEFAULT_VLAN        | Port-based No    No    Untagged
  5       VLAN5               | Port-based No    No    Tagged
  6       VLAN6               | Port-based No    No    Tagged
```

This ArubaOS switch receives traffic without a VLAN tag on a switch port 1. The traffic is destined to a MAC address learned on port 2. What does the switch do with the traffic?

A. It forwards the traffic on port 2 without a VLAN tag.

B. It floods the traffic on port 2 on all VLANs.

C. It drops the traffic.

D. It forwards the traffic on port 2 with a VLAN tag of 5.

Correct Answer: C

QUESTION 8

What is a best practice for an MSTP region?

A. The config name should contain the hostname of the root switch.

B. The desired root for the CIST should have a lower config revision than any other switch.

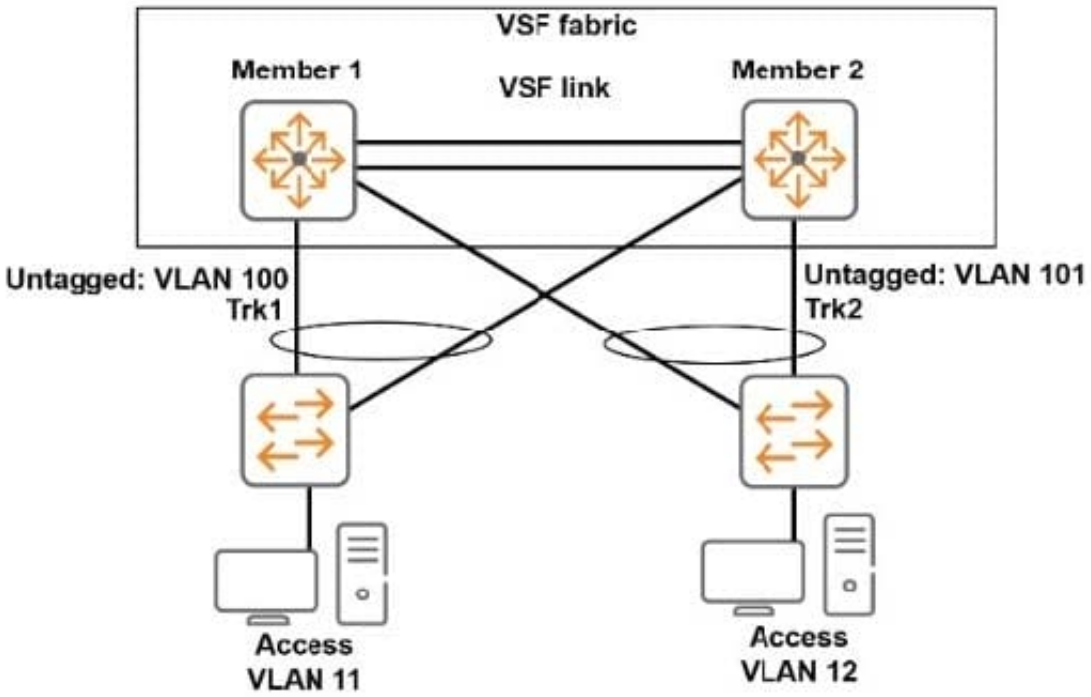
C. Switch-to-switch links should carry all VLANs in use in the MSTP region.

D. A switch should have a consistent spanning tree priority in each MSTP instance

Correct Answer: C

QUESTION 9

Refer to the exhibit.



The Virtual Switching Framework (VSF) fabric and other switches connect on LACP link aggregations. They use OSPF for routing. What should a network administrator do to help network connectivity continue uninterrupted if the commander fails?

A. Enable OSPF graceful restart (non-stop OSPF) on the VSF fabric.

B. Configure LLDP-MAD.on the VSF fabric.

C. Configure a unique OSPF router ID on the standby member OOBM port.

D. Install a standby management module in the standby member.

Correct Answer: B

QUESTION 10

Which devices must support Multi-User Multiple Input Multiple Output (MU MIMO) in order for an AP to transmit to multiple clients simultaneously?

A. the transmitting AP and all of the clients that receive simultaneous transmissions

B. all of the APs in a WLAN. but none of the clients

C. the transmitting AP and all of the clients

D. the transmitting AP and at least one of the clients that receives simultaneous transmissions

Correct Answer: A

QUESTION 11

A network administrator enters this command on an ArubaOS switch:

Switch(config) # trunk 1,2 trk1

What is required for the switch to combine both interfaces in a link aggregation?

A. that the interfaces are up

B. that the interfaces are aggregated while in a shutdown state

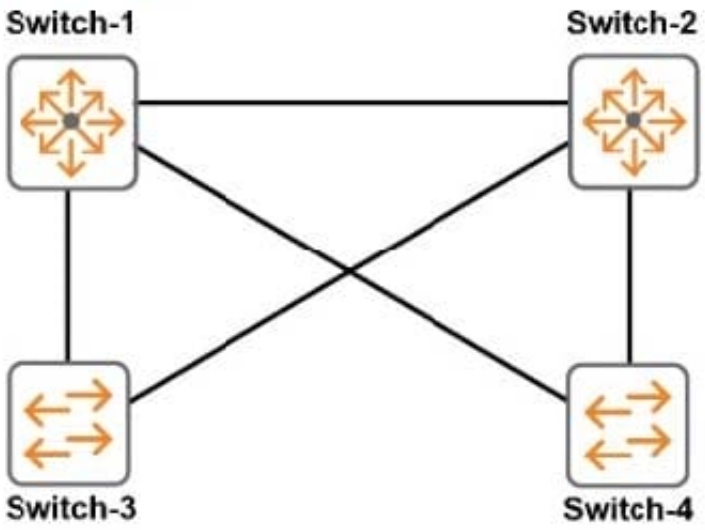
C. that the interfaces are up and connect to interfaces that support active mode LACP

D. that the interfaces are up and have LACP enabled on them

Correct Answer: B

QUESTION 12

Refer to the exhibit.



All switches are ArubaOS switches that currently have the default spanning tree priority. Switch-1 should be the root of the spanning tree If Switch-1 fails. Switch-2 should become root

Which configuration for spanning tree priorities ensures this behavior?

A. priority 15 on Switch-1 and priority 14 on Switch-2

B. priority 0 on Switch-1 and priority 15 on Switch-2

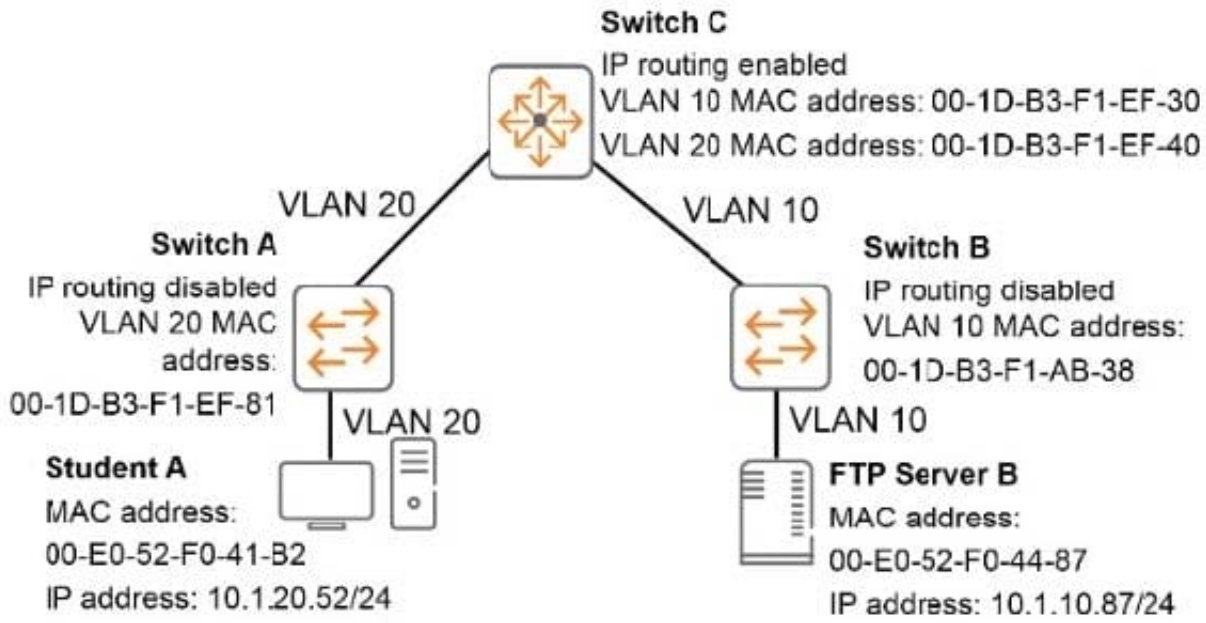
C. priority 0 on Switch-1 and priority 1 on Switch-2

D. priority 15 on Switch-1 and priority 9 on Switch-2

Correct Answer: A

QUESTION 13

Refer to the exhibit.



The Student A client needs to connect to FTP Server B. Student A sends the necessary ARP request and receives a reply. Which destination MAC address does the Student A client use in the FTP packet to FTP Server B?

A. 00-E0-52-F0-41-B2

B. 00-E0-52-F0-44-87

C. 00-1D-B3-F1-EF-81

D. 00-1D-B3-F1-EF-40

Correct Answer: D

QUESTION 14

A port on an ArubaOS switch currently has its default VLAN assignment. The network administrator wants the port to continue to be part of the default VLAN. The administrator also wants the port to support VLANs 2 and 3.

What should the administrator do to accomplish this?

A. Add VLAN 2 to the port as an untagged VLAN assignment and VLAN 3 as a tagged assignment.

B. Add VLANs 2 and 3 to the VLAN permit list for the port.

C. Add VLANs 2 and 3 to the port as tagged VLAN assignments.

D. Add the port to hybrid VLAN 2 and 3.

Correct Answer: C

QUESTION 15

On an ArubaOS switch, what is the difference between an SNMPv2c community with manager unrestricted rights and an SNMPv2 community with operator unrestricted rights?

A. The manager unrestricted community has read-write access to all managed objects on the switch; the operator unrestricted community has read-write access to some objects but not to any Config objects.

B. The manager unrestricted community uses the Telnet/SSH password assigned to the manager to authenticate SNMP servers: the operator unrestricted community uses the Telnet/SSH password assigned to the operator.

C. The manager unrestricted community has read-write access to the switch, but the operator unrestricted community has read-only access.

D. The manager unrestricted community uses encryption, but the operator unrestricted community uses plaintext communication

Correct Answer: A