

HPE6-A41^{Q&As}

Applying Aruba Switching Fundamentals for Mobility

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QUESTION 1

Refer to the exhibit.

```
Switch# show lacp
```

<u>Port</u>	<u>LACP Enabled</u>	<u>Trunk Group</u>	<u>LACP Port Status</u>	<u>Partner</u>	<u>LACP Status</u>	<u>Admin Key</u>	<u>Oper Key</u>
A1	Active	Trk2	Up	Yes	Success	0	963
A2	Active	Trk2	Blocked	Yes	Failure	0	963

Which issue could cause the Blocked status on A2?

- A. A1 and A2 are connected to different switches.
- B. A1 and A2 use different trunk load balancing modes.
- C. A1 and A2 support different VLANs.
- D. A1 and A2 have spanning tree enabled on the link aggregation.

Correct Answer: D

QUESTION 2

A Virtual Switching Framework (VSF) fabric currently has two members and two physical 10GbE links in its VSF link.

Which administrative task can a network administrator perform on this VSF fabric when both members are online?

- A. Remove a VSF member.
- B. Add a new 40GbE link to the VSF link.
- C. Remove one of the physical links in the VSF link.
- D. Change the VSF link to use 40GbE links instead of 10GbE links.

Correct Answer: A

QUESTION 3

How does a wireless network differ from a wired network?

- A. A wireless network is a shared medium, while a modern wired network typically works in full-duplex mode.
- B. A wireless network is inherently more secure than a wired network.
- C. A wireless network does not use source and destination MAC addresses, but a wired network does.

D. A wireless network does not support encryption, unlike a wired network, which can support encryption.

Correct Answer: A

QUESTION 4

A network administrator wants to place desktops connected to an ArubaOS switch in VLAN5. The desktops have no awareness of VLANs. How should the administrator assign desktops to the VLAN?

- A. Make switch ports connected to desktops tagged members of VLAN5.
- B. Make VLAN5 the Default VLAN on the switch before the desktops connect to the switch ports.
- C. Make VLAN5 the Primary VLAN on the switch.
- D. Make switch ports connected to desktops untagged members of VLAN5.

Correct Answer: D

QUESTION 5

Refer to the exhibit.

```
Switch# show ip ospf neighbor
OSPF Neighbor Information
```

<u>RouterID</u>	<u>Pri</u>	<u>IP Address</u>	<u>NbIfState</u>	<u>State</u>	<u>Rxmt</u> <u>QLen</u>	<u>Events</u>	<u>Helper</u> <u>Status</u>
10.0.0.2	1	10.1.102.2	DR	FULL	0	6	None
10.0.0.3	1	10.1.103.1	DR	FULL	0	6	None

Based on the output shown in this exhibit, which statement is true about the 10.0.0.2 neighbor?

- A. The neighbor rejects communications because it already has its maximum number of neighbors.
- B. The neighbor has mismatched settings and cannot exchange information with this switch.
- C. The neighbor communicates with this switch, but it cannot hold any more routes in its database.
- D. The neighbor communicates with this switch, and they have exchanged all topology information.

Correct Answer: D

QUESTION 6

A network administrator wants to see how much power an Aruba AP has dynamically requested from an ArubaOS switch port. Which information should the administrator look at?

- A. LLDP with the use of the show lldp info remote-device command
- B. interface with the use of the show interface command
- C. device class with the use of show system power-supply command
- D. device profile with the use of the show device-profile status command

Correct Answer: A

Reference: <https://support.hpe.com/hpsc/doc/public/display?docId=c04943217> (80)

QUESTION 7

How many operating system image files can a network administrator load on an ArubaOS switch?

- A. two
- B. three
- C. four
- D. unlimited

Correct Answer: A

QUESTION 8

Refer to the exhibit.

```
Switch# show ip route
```

IP Route Entries						
Destination	Gateway	VLAN	Type	Sub-Type	Metric	Dist.
10.1.0.0/24	VLAN100	100	connected		1	0
10.1.10.0/24	VLAN10	10	connected		1	0
10.1.20.0/24	10.1.0.3	101	static		3	1
127.0.0.0/8	reject		static		0	0
127.0.0.1/32	lo0		connected		1	0

Prior to implementing OSPF on the network, an ArubaOS switch had the IP routing table shown in the exhibit.

The network administrator then sets up OSPF in the network. The switch calculates these OSPF routes to 10.1.20.0/24:

Through 10.1.0.1 with cost 2 and administrative distance 110
 Through 10.1.0.2 with cost 3 and administrative distance 110
 Through 10.1.0.3 with cost 4 and administrative distance 110
 How does the switch now handle traffic that is destined to the 10.1.20.0/24 network?

- A. It sends all of the traffic to 10.1.0.3.
- B. It load balances the traffic: sends some to 10.1.0.1 and some to 10.1.0.3.

- C. It load balances the traffic: sends some to 10.1.0.2 and some to 10.1.0.3.
- D. It sends all of the traffic to 10.1.0.1.

Correct Answer: A

QUESTION 9

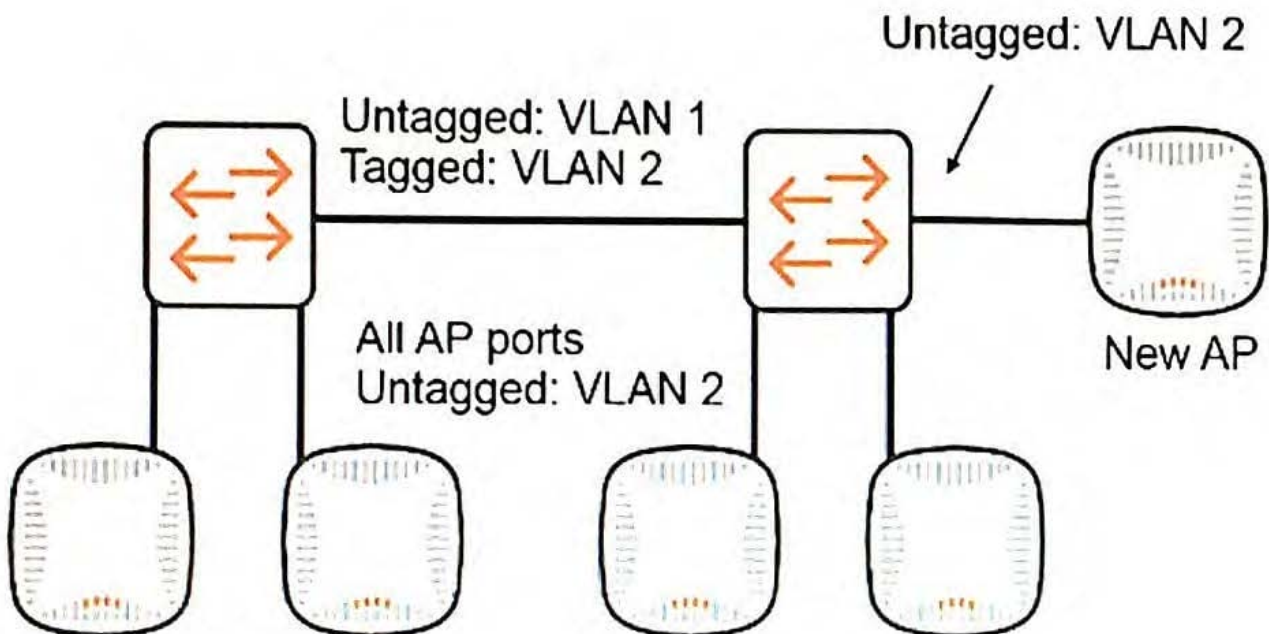
A network administrator implements a wireless network that uses three wireless APs. The administrator wants to ensure that users can roam seamlessly from one AP to another. Which type of wireless network should the administrator implement?

- A. an ad hoc network that does not use channel bonding
- B. an infrastructure network with a different Service Set Identifier (SSID) on each AP
- C. an ad hoc network that uses channel bonding
- D. an infrastructure network with the same Service Set Identifier (SSID) on each AP

Correct Answer: D

QUESTION 10

Refer to the exhibit.



A company has an existing Aruba Instant cluster with several Instant APs (IAPs), as shown in the exhibit. The network administrator orders a new IAP and boots it for the first time by connecting it to the PoE switch port shown in the exhibit.

What happens after the IAP boots?

- A. The IAP attempts to contact AirWave. If it is able to reach AirWave and obtain the current VC (master) IP address, it joins the cluster.
- B. The IAP fails to join the cluster because the administrator has not yet connected to its Instant SSID and provisioned it.
- C. The IAP undergoes an election process with the current VC (master). It takes the VC role if it has a higher MAC address unless the current VC is configured as the preferred VC.
- D. The IAP hears the messages from the current VC (master), and it joins the cluster without the occurrence of a new election.

Correct Answer: A

QUESTION 11

A company wants a modular switch for the core layer of its mid-sized campus. The switch requires 32 10 G ports in a single switch with the ability to scale in the future. Which ArubaOS switches series is best suited for this role?

- A. Aruba 2930F
- B. Aruba 3800
- C. Aruba 3810
- D. Aruba 5400R

Correct Answer: D

QUESTION 12

Refer to the exhibit.

```
Switch# show vsf lldp-mad status
MAD device IP : 10.1.0.2
MAD-probe portset : 1/A1, 1/B1, 2/A1, 2/B1,
VSF split : Yes
MAD probe originator : No
Number of probe requests sent : 27
Number of probe responses received : 23
MAD Active Fragment : Yes
```

A network administrator logs in to the CLI of a Virtual Switching Framework (VSF) fabric and enters the command shown in the exhibit.

What does the output reveal?

- A. MAD assistant at 10.1.0.2 failed to respond to probe requests.
- B. The VSF link failed, and MAD shut down the links on the other member.

- C. MAD is configured incorrectly and causes a split brain situation to occur.
- D. The VSF link failed, and MAD shut down the links on this switch.

Correct Answer: B

QUESTION 13

A company has two ArubaOS switches, Switch1 and Switch2. Switch1 will be the commander for a new Virtual Switching Framework (VSF) fabric. Switch2 is a new switch that will be the standby member. The network administrator wants to configure the proper settings on the standby member interface before the standby member joins the fabric.

What should the administrator do before the switches are joined in the VSF fabric?

- A. Configure the interface settings on Switch2. Then enable VSF on Switch2.
- B. Enable VSF on Switch2. Then configure the interface settings on Switch2.
- C. Provision member2 on Switch1. Then configure the member2 interface settings on Switch1.
- D. Provision member2 on Switch1 and member1 on Switch2. Then configure the member2 interface settings on Switch2.

Correct Answer: D

QUESTION 14

A network administrator enters this command on an ArubaOS switch with IP routing enabled:

```
ip route 0.0.0.0/0 10.1.1.1 metric 10 distance 10
```

This is the only IP route to 0.0.0.0/0 on the switch.

What is the effect?

- A. The switch uses this route to route all traffic from 10.1.1.1.
- B. The switch uses this route for all traffic unless the traffic matches a route with a lower cost than 10.
- C. The switch uses this route for all traffic unless the traffic matches a route with a lower administrative distance than 10.
- D. The switch uses this route for all traffic that does not match a specific route in its routing table.

Correct Answer: D

QUESTION 15

A network administrator uses the console to access an ArubaOS core switch and wants to find the management IP address of another ArubaOS switch that is currently connected to port B1. Which information should the administrator

review?

- A. interface with the use of the show interface command
- B. LLDP with the use of the show lldp info remote-device command
- C. ARP with the use of the show arp command
- D. device profile with the use of the show device-profile status command

Correct Answer: B

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