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Applying Aruba Switching Fundamentals for Mobility

HP HPE6-A41

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QUESTION NO: 1

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

ANSWER: A

Explanation:

https://support.hpe.com/hpsc/doc/public/display?docId=c04943217

Reference: (80)

QUESTION NO: 2

A company requires switches to use MSTP instead of RSTP, so that the switches can forward traffic on more than one switch-to-switch link. How does the administrator set up the solution to meet this requirement?

A. Set the same spanning tree cost on all redundant links on a switch.

B. Ensure that switches use the 802.3t standard costs instead of the legacy costs.

C. Map different VLANs to different instances, and make a different switch root bridge in each instance.

D. Configure every switch with a unique bridge propriety in the IST, which is also called spanning tree instance 0.

ANSWER: C

QUESTION NO: 3

A network administrator needs to configure a link aggregation on an ArubaOS switch.

For which type of link aggregation is the administrator required to enter the lacp command in the interface context?

A. a distributed LACP link aggregation

B. a dynamic LACP link aggregation

C. a static LACP link aggregation

D. a manual LACP link aggregation

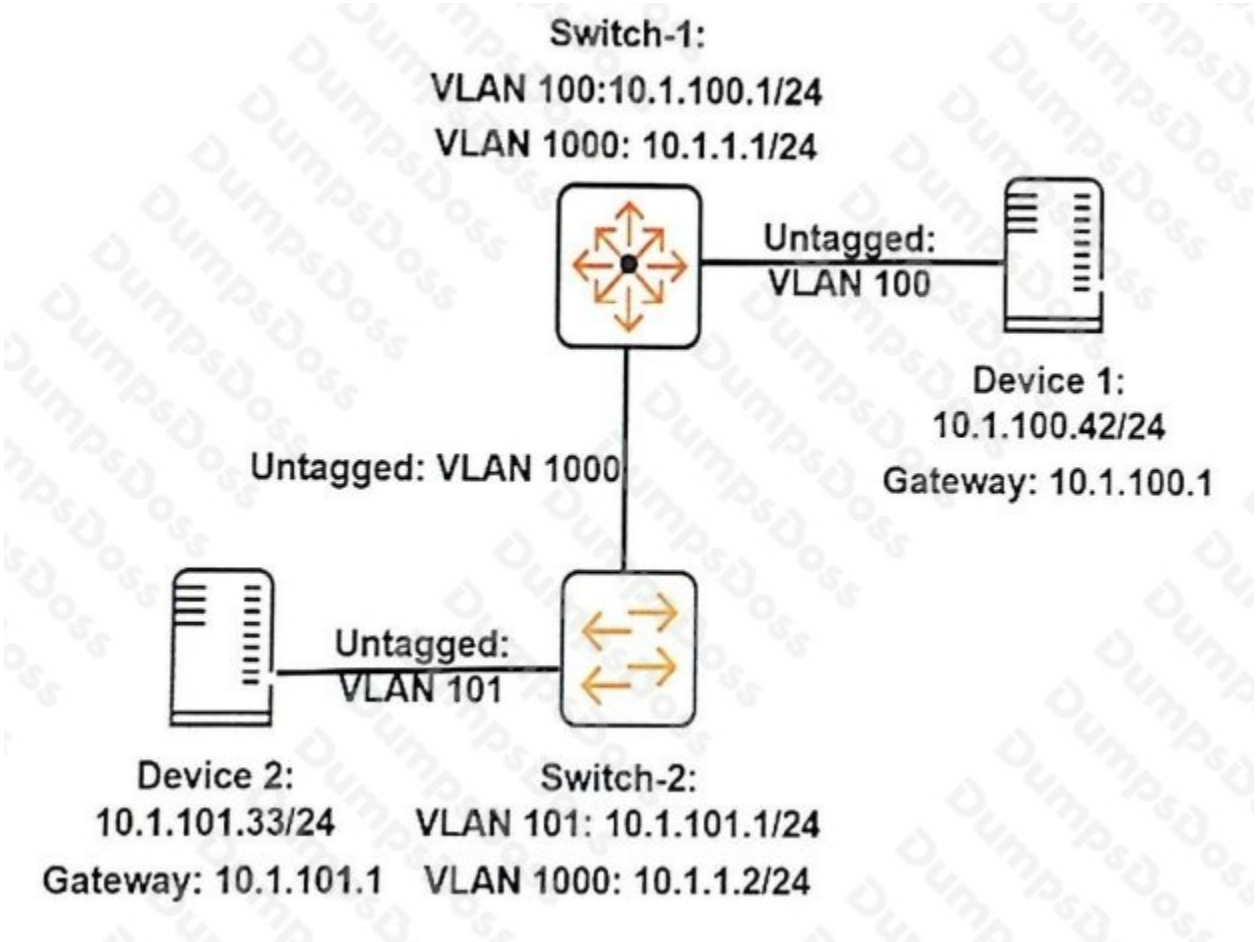
ANSWER: B

Explanation:

Reference:http://www.arubanetworks.com/techdocs/ArubaOS_60/UserGuide/LACP.php

QUESTION NO: 4

Refer to the exhibit.



A network administrator executes this command on an ArubaOS switch, Switch-2: Switch-2(config)# ip route 10.1.100.0/24 10.1.1.1

The administrator successfully pings Device 1 at 10.1.100.42 from Switch-2. However, Device 2 cannot ping Device 1. The administrator confirms that Device 1 is correctly set up.

What should the administrator check on Switch-2 to resolve this issue?

A. that ARP proxy is enabled

B. that IP routing is enabled

C. that spanning tree is disabled

D. that ICMP is enabled

ANSWER: B

QUESTION NO: 5

Which security options for a WLAN can authenticate either the computer or the user?

A. Open with MAC authentication

B. MAC authentication with WPA2 Enterprise (802.1X) fail-thru

C. Personal (preshared key) authentication with WEP

D. Personal (preshared key) authentication with WPA2

ANSWER: B

QUESTION NO: 6

How can a network administrator configure an ArubaOS switch to automatically assign the correct tagged VLANs to a port when an Aruba AP connects to that port?

A. Configure the tagged VLANs in the device profile and apply that profile to the port.

B. Configure a MAC-to-VLAN mapping policy and enable MAC-based VLANs on the port.

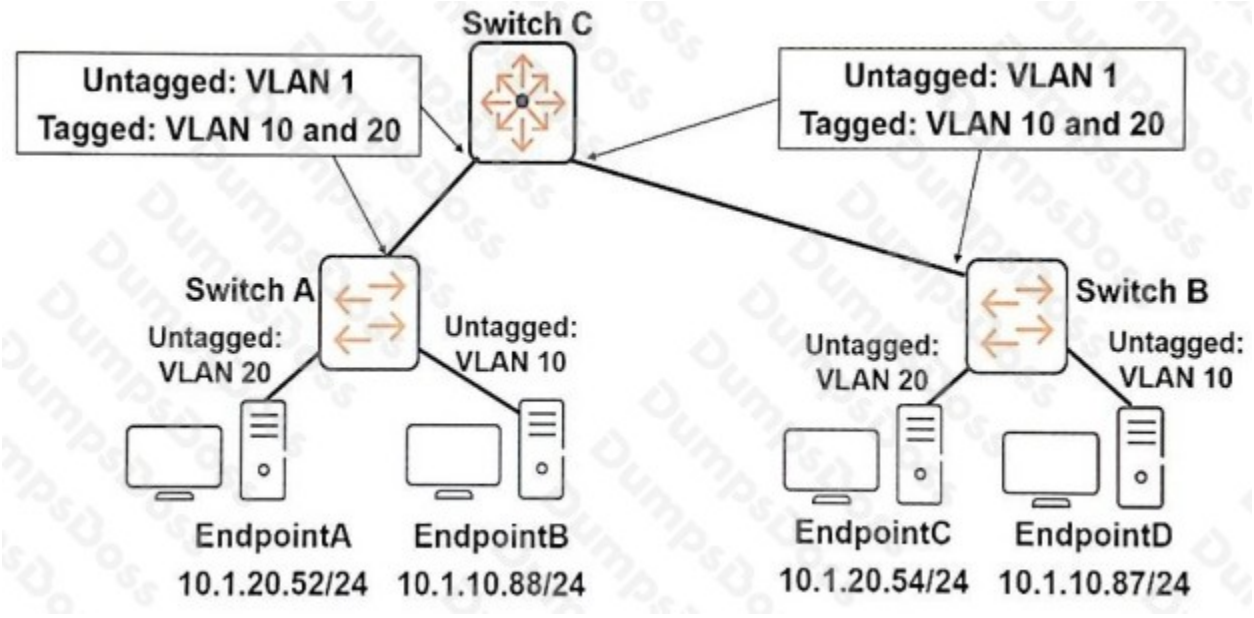
C. Enable Zero Touch Provisioning (ZTP) on the switch.

D. Enable LLDP MED globally and on the switch port.

ANSWER: A

QUESTION NO: 7

Refer to the exhibit.



Endpoint A sends broadcast ARP requests.

Where are these requests received?

A. at EndpointC

B. at EndpointB

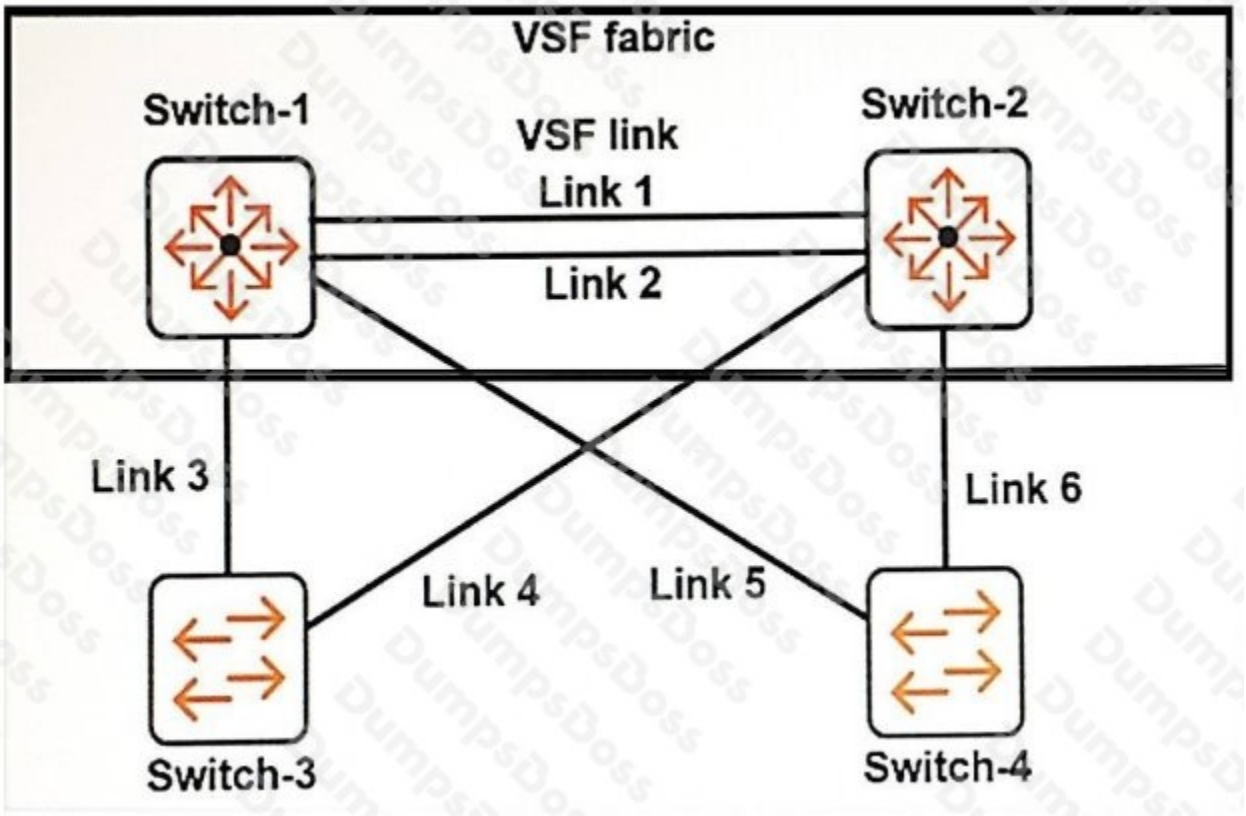
C. at EndpointB, at EndpointC, and at EndpointD

D. at EndpointB and at EndpointC

ANSWER: A

QUESTION NO: 8

Refer to the exhibit.



Which links can be combined in the same link aggregation?

A. Links 3 and 4

B. Links 3 and 5

C. Links 3 and 6

D. Links 4 and 6

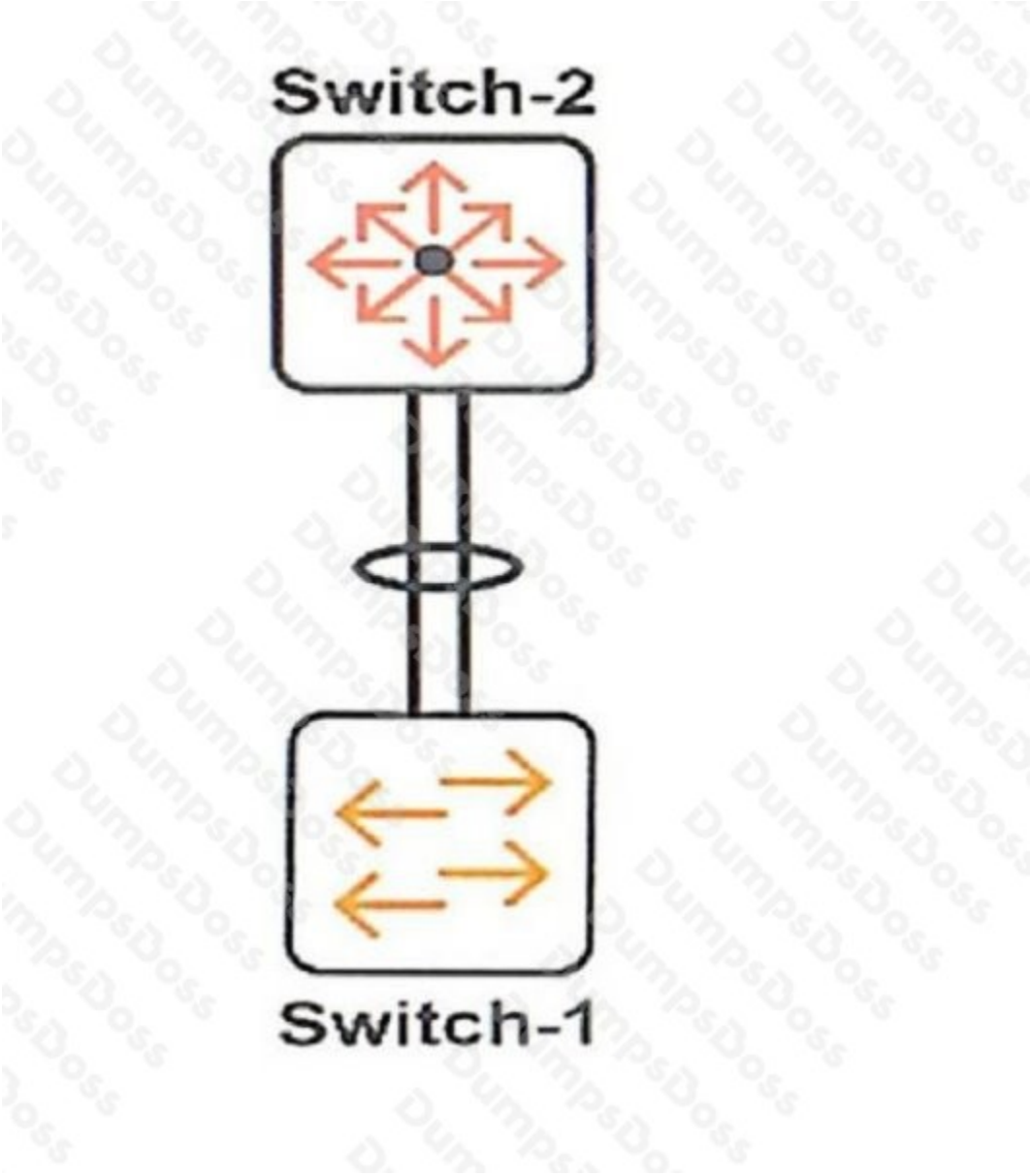
ANSWER: A

Explanation:

We can also aggregate link 5 and 6

QUESTION NO: 9

Refer to the exhibit.



A network administrator wants to set up a link aggregation between two switches, as shown in the exhibit. The link aggregation must meet these requirements:

Protects against misconfiguration

Can be configured with VLANs and other settings

Which type of link aggregation should the administrator create?

A. dynamic LACP

B. static LACP

C. manual (trunk)

D. distributed (trunk)

ANSWER: B

QUESTION NO: 10

Refer to the exhibit.

Exhibit 1.

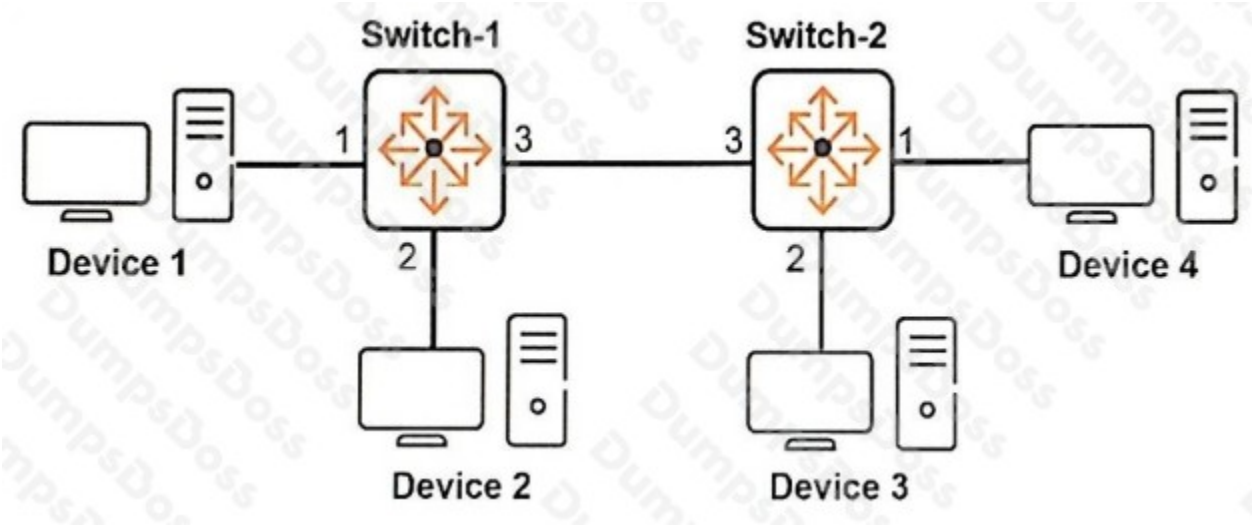


Exhibit 2.

```
Switch-1# show vlan 2
Status and Counters - VLAN Information - VLAN 2
VLAN ID : 2
<-output omitted->
Port Information Mode     Unknown VLAN Status
---------------- -------- ------------ ----------
1                Untagged Learn        Up
3                Tagged   Learn        Up

Switch-1# show vlan 3
Status and Counters - VLAN Information - VLAN 3
VLAN ID : 3
<-output omitted->
Port Information Mode     Unknown VLAN Status
---------------- -------- ------------ ----------
2                Untagged Learn        Up
3                Tagged   Learn        Up

Switch-2# show vlan 2
Status and Counters - VLAN Information - VLAN 2
VLAN ID : 2
<-output omitted->
Port Information Mode     Unknown VLAN Status
---------------- -------- ------------ ----------
1                Untagged Learn        Up
3                Tagged   Learn        Up

Switch-2# show vlan 3
Status and Counters - VLAN Information - VLAN 3
VLAN ID : 3
<-output omitted->
Port Information Mode     Unknown VLAN Status
---------------- -------- ------------ ----------
2                Untagged Learn        Up
```

Which devices can communicate with each other at Layer 2?

A. Devices 1 and 2 can communicate at Layer 2; Devices 3 and 4 can communicate at Layer 2.

B. Devices 2 and 3 can communicate at Layer 2.

C. Devices 1 and 4 can communicate at Layer 2.

D. Devices 1 and 4 can communicate at Layer 2; Devices 2 and 3 can communicate at Layer 2.

ANSWER: C