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## Aruba Certified Switching Professional Exam

HP HPE6-A73

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## QUESTION NO: 1

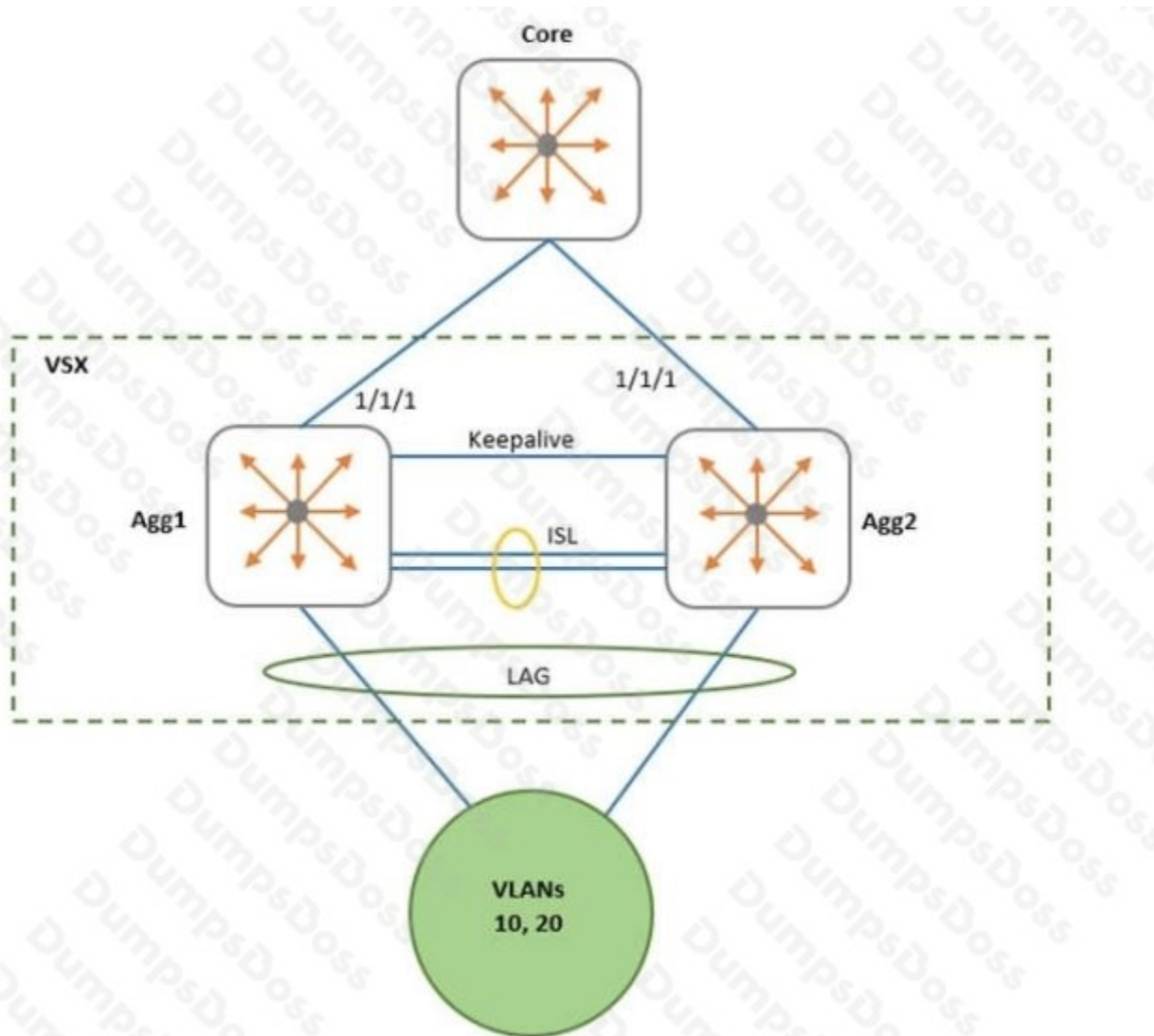
The AOS-CX mobile app allows a network engineer or technician to perform which tasks? (Choose two.)

- A. Use NetEdit to manage switch configuration.
- B. Create a stack of AOS-CX switches.
- C. Transfer files between the switch and your mobile device.
- D. Securely access the switch using SSH.
- E. Schedule an operating system upgrade.

ANSWER: C D

## QUESTION NO: 2

Examine the network exhibit.



A network administrator is implementing OSPF on a VSX pair of aggregation switches: Agg1 and Agg2. VLANs 10 and 20 are connected to layer-2 access switches. Agg-1 and Agg-2 are configured as the default gateway for VLANs 10 and 20, with active gateway enabled.

What is the best practice for configuring OSPF on the aggregation switches and their connection to the Core switch?

- A. Define a layer-2 VSX LAG associated with a layer-3 VLAN interface. Enable active gateway for the Layer-3 VLAN.
- B. Define separate layer-3 VLAN interfaces between the aggregation and core switches. Enable active forwarding for the Layer-3 VLAN.
- C. Define separate layer-3 VLAN interfaces between the aggregation and core switches. Enable active gateway for the Layer-3 VLAN.
- D. Define a layer-2 VSX LAG associated with a layer-3 VLAN interface. Enable active forwarding for the Layer-3 VLAN.

**ANSWER: A**

## QUESTION NO: 3

A network administrator is implementing OSPF, where there are two exit points. Each exit point has a stateful, application inspection firewall to implement company policies.

What would the best practice be to ensure that one firewall will see both directions of the traffic, preventing asynchronous connections in the network?

- A.** Both ASBRs should define External Type 1 routes for the external routes, using a different initial cost value for each ASBR.
- B.** Both ASBRs should define External Type 1 routes for the external routes, using the same initial cost value for each ASBR.
- C.** Both ASBRs should define External Type 2 routes for the external routes, using the same initial cost value for each ASBR.
- D.** Both ASBRs should define External Type 2 routes for the external routes, using a different initial cost value for each ASBR.

**ANSWER: A**

## QUESTION NO: 4

What are best practices when implementing VSX on AOS-CX switches? (Choose two.)

- A.** The ISL lag should use the default MTU size.
- B.** Timers should be left at their default values.
- C.** The default system MAC addresses should be used.
- D.** The keepalive connection should use a direct layer-3 connection.
- E.** The ISL lag should use at least 10GbE links or faster.

**ANSWER: B D**

## QUESTION NO: 5

How does PIM build the IP multicast routing table to route traffic between a multicast source and one or more receivers?

- A.** It uses the unicast routing table and reverse path forwarding (RPF)
- B.** It uses IGMP and calculates a shortest path tree (SPT)

- C. It uses the shortest path first (SPF) algorithm derived from link state protocols
- D. It uses the Bellman-Ford algorithm derived from distance vector protocols

**ANSWER: A**

## QUESTION NO: 6

An administrator is defining a VSX LAG on a pair of AOS-CX switches that are defined as primary and secondary. The VSX LAG fails to establish successfully with a remote switch; however, after verification, the remote switch is configured correctly. The administrator narrows down the problem to the configuration on the AOS-CX switches.

What would cause this problem?

- A. Local optimization was not enabled on the VSX LAG
- B. The VSX LAG hash does not match the remote peer
- C. The VSX LAG interfaces are in layer-3 mode
- D. LACP was enabled in active mode on the VSX LAG

**ANSWER: B**

## QUESTION NO: 7

A network administrator is attempting to troubleshoot a connectivity issue between a group of users and a particular server. The administrator needs to examine the packets over a period of time from their desktop; however, the administrator is not directly connected to the AOS-CX switch involved with the traffic flow.

What is correct regarding the ERSPAN session that needs to be established on an AOS-CX switch? (Choose two.)

- A. On the source AOS-CX switch, the destination specified is the switch to which the administrator's desktop is connected
- B. On the source AOS-CX switch, the destination specified is the administrator's desktop
- C. The encapsulation protocol used is GRE
- D. The encapsulation protocol used is VXLAN
- E. The encapsulation protocol is UDP

**ANSWER: B C**

## QUESTION NO: 8

A company requires access by all users, guests, and employees to be authenticated. Employees will be authenticated using 802.1X, whereas guests will be authenticated using captive portal. Which type of authentication must be configured on an AOS-CX switch ports where both guests and employees connect?

- A. Both 802.1X and captive portal
- B. 802.1X only
- C. Both 802.1X and MAC-Auth
- D. 802.1X, captive portal, and MAC-Auth

**ANSWER: B**

## QUESTION NO: 9

Which protocols are used by NetEdit to interact with third-party devices? (Choose two.)

- A. telnet
- B. SNMP
- C. SSH
- D. Restful API
- E. CDP

**ANSWER: B C**

## QUESTION NO: 10

A network administrator is installing NetEdit. In order for NetEdit to manage the AOS-CX switches in the network, what must be defined on the AOS-CX switches? (Choose two.)

- A. Enabling telnet
- B. Defining an admin user password
- C. Defining the https user-group
- D. Enabling the RESTful API for read and write access
- E. Enabling SFTP

**ANSWER: B D**