



Aruba Data Center Network Specialist Exam

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QUESTION 1

Can you attach this type of ArubaOS-CX interface to a VRF?

Solution: A loopback interface

A. Yes

B. No

Correct Answer: B

A loopback interface can be attached to a VRF on an ArubaOS-CX switch. A loopback interface is a virtual interface that has an IP address assigned to it and is always up. A loopback interface can be attached to a VRF by using the vrf attach command under its configuration mode1.

QUESTION 2

Refer to the exhibit.





Switch-1, Switch-2, and the router run OSPF on LAG 100, which is a Layer 3 LAG. Does this correctly explain how to control how core-to-access traffic Is forwarded? Solution: To reduce the amount of traffic sent over the ISI between Switch-1 and Switch-2. enable active forwarding on LAG 100 on both Switch-1 and Switch-2.

A. Yes

B. No

Correct Answer: A

To reduce the amount of traffic sent over the ISL between Switch-1 and Switch-2, enable active forwarding on LAG 100 on both Switch-1 and Switch-2 is a correct explanation of how to control how core-to-access traffic is forwarded. Switch1, Switch-2, and the router run OSPF on LAG 100, which is a Layer 3 LAG. Active forwarding is a feature that allows a switch to select one link as active and one link as standby for each direction of traffic in a LAG. Enabling active forwarding on LAG 100 on both Switch-1 and Switch-2 would reduce the amount of traffic sent over the ISL by sending traffic over only one link instead of both1.

QUESTION 3

Your task is to configure an EVPN solution for a dual-stack IPv4 and IPv6 protocol in the overlay networks. Is this statement about EVPN and IPv6 correct? Solution: IPv6 protocol can be encapsulated in the underlay network\\'s IPv4 packets.

A. Yes

B. No

Correct Answer: B

IPv6 protocol cannot be encapsulated in the underlay network\\'s IPv4 packets. EVPN is a protocol that provides layer 2 and layer 3 services over an IP network1. It uses VXLAN tunnels to encapsulate Ethernet frames in UDP packets and transport them across the underlay network1. The underlay network can use either IPv4 or IPv6 protocol, but it must match the protocol used by the VXLAN tunnels1. The statement is false because it implies that IPv6 protocol can be encapsulated in IPv4 packets, which is not possible.

QUESTION 4

Does this correctly describe the ArubaOS-CX architecture?

Solution: The ArubaOS-CX time-series database helps to support network analytics and troubleshooting.

A. Yes

B. No

Correct Answer: A

The ArubaOS-CX time-series database helps to support network analytics and troubleshooting is a correct description of the ArubaOS-CX architecture. The time- series database (TSDB) is a component of the ArubaOS-CX software that stores information about the switch\\'s configuration, status, and performance over time. The TSDB helps to support network analytics and troubleshooting by providing historical data and trend analysis for various metrics1.



QUESTION 5

Is this a use case for disabling split-recovery mode on ArubaOS-CX switches in a Virtual Switching Extension (VSX) fabric?

Solution: In situations in which the primary switch fails and then reboots, you want to make the primary switch take over again as the primary switch.

A. Yes

B. No

Correct Answer: B

Virtual Switching Extension (VSX) is a high-availability technology that allows two ArubaOS-CX switches to operate as a single logical device. Split-recovery mode is a feature that prevents traffic loss when the Inter-Switch Link (ISL) goes outof-sync and keepalive subsequently fails. When split-recovery mode is enabled, the secondary VSX member disables its downstream links until it synchronizes with the primary member. When split-recovery mode is disabled, the secondary VSX member keeps its downstream links up even when it is out-of-sync with the primary member1. Disabling split-recovery mode does not affect how the primary switch takes over again as the primary switch after a failure and reboot. The primary switch always takes over as the primary switch when it comes back online, regardless of the split-recovery mode setting. Therefore, this is not a use case for disabling split-recovery mode on ArubaOS-CX switches in a VSX fabric.

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