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QUESTION 1

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 wait a period before it takes over 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 out-of-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 waits a period before it takes over as the primary switch after a failure and reboot. The primary switch always takes over as the primary switch immediately when it comes back online, regardless of the split-recovery mode setting. To make the primary switch wait a period before it takes over as the primary switch, you need to configure a preemption delay on both VSX members¹. Therefore, this is not a use case for disabling split-recovery mode on ArubaOS-CX switches in a VSX fabric.

QUESTION 2

Is this a use case for implementing Enhanced Transmission Selection (ETS) on an ArubaOS-CX switch? Solution: ensures a minimum bandwidth guarantee between two endpoints traffic with various 802.1p values.

A. Yes

B. No

Correct Answer: A

To ensure a minimum bandwidth guarantee between two endpoints traffic with various 802.1p values is a use case for implementing Enhanced Transmission Selection (ETS) on an ArubaOS-CX switch. ETS is a feature that provides bandwidth allocation and priority assignment for different traffic classes based on IEEE 802.1Qaz standard. ETS can help to ensure a minimum bandwidth guarantee between two endpoints by assigning different priority groups and bandwidth percentages to different traffic classes based on their 802.1p values¹.

QUESTION 3

Is this a guideline for establishing a Virtual Switching Extension (VSX) Inter-Switch Link (ISL) between two ArubaOS-CX switches?

Solution: Use the same speed on every link in the ISL.

A. Yes

B. No

Correct Answer: A

The solution is correct because using the same speed on every link in the ISL is a guideline for establishing a VSX ISL between two ArubaOS-CX switches. Using the same speed on every link in the ISL ensures consistent performance and avoids potential issues with link aggregation. Therefore, using the same speed on every link in the ISL is a good practice for establishing a VSX ISL.

QUESTION 4

You are using NetEdit to manage ArubaOS-CX switches. You want to deploy a standard config to the switches, but need the config to include a few device-specific settings such as hostname and IP address.

Is this what you should do?

Solution: Inside a configuration plan, right-click any device-specific parameters and modify the parameter per-device.

A. Yes

B. No

Correct Answer: A

Inside a configuration plan, right-click any device-specific parameters and modify the parameter per-device is what you should do if you want to use NetEdit to manage ArubaOS-CX switches and deploy a standard config to the switches, but need the config to include a few device-specific settings such as hostname and IP address. This approach allows you to edit any parameter value for individual devices within a configuration plan without affecting other devices or creating separate plans¹.

QUESTION 5

Is this a best practice when positioning ArubaOS-CX switches in data center networks? Solution: Deploy Aruba CX 6300 switches as data center spine switches.

A. Yes

B. No

Correct Answer: B

Deploy Aruba CX 6300 switches as data center spine switches is not a best practice when positioning ArubaOS-CX switches in data center networks. The Aruba CX 6300 switches are designed for data center leaf roles, and they provide high density, low latency, and advanced features such as VSX and EVPN. The Aruba CX 83xx switches are more suitable for data center spine roles, and they provide high performance, scalability, and resiliency¹.