

HPE2-W09^{Q&As}

Aruba Data Center Network Specialist Exam

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QUESTION 1

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 network. It uses VXLAN tunnels to encapsulate Ethernet frames in UDP packets and transport them across the underlay network. The underlay network can use either IPv4 or IPv6 protocol, but it must match the protocol used by the VXLAN tunnels. The statement is false because it implies that IPv6 protocol can be encapsulated in IPv4 packets, which is not possible.

QUESTION 2

Is this a best practice when positioning ArubaOS-CX switches in data center networks? Solution: Deploy Aruba CX 83xx switches as data center spine switches.

- A. Yes
- B. No

Correct Answer: A

Deploy Aruba CX 83xx switches as data center spine switches is a best practice when positioning ArubaOS-CX switches in data center networks. The Aruba CX 83xx switches are designed for data center spine or core roles, and they provide high performance, scalability, and resiliency. They can support various data center network architectures such as leaf-spine, three-tier, or collapsed core.

QUESTION 3

Is this a way that a data center technology can help meet requirements for multi-tenancy?

Solution: Virtual Extensible LAN (VXLAN) enables multiple isolated Layer 3 domains, each with its own routing table, to share a physical network.

- A. Yes
- B. No

Correct Answer: B

Virtual Extensible LAN (VXLAN) enables multiple isolated Layer 3 domains, each with its own routing table, to share a physical network is not a way that a data center technology can help meet requirements for multi-tenancy. Multi-tenancy is the ability to provide logical separation and isolation of network resources for different tenants or customers on a shared physical infrastructure. VXLAN is a feature that provides Layer 2 extension over Layer 3 networks using UDP

encapsulation. VXLAN does not enable multiple isolated Layer 3 domains, but rather multiple isolated Layer 2 domains, each with its own VNI1.

QUESTION 4

ArubaOS-CX switches are acting as Virtual Extensible LAN (VXLAN) Tunnel Endpoints (VTEPs) WITHOUT Ethernet VPN (EVPN).

Does this correctly describe how the VTEPs handle VXLAN traffic forwarding?

Solution: VTEPs that use headend replication forward broadcasts as unicast packets to each VTEP in the same VNI.

A. Yes

B. No

Correct Answer: A

Headend replication is a method of handling BUM traffic in VXLAN networks without EVPN, where the ingress VTEP replicates every BUM packet and sends them as a separate unicast to the remote egress VTEPs in the same VNI1. This avoids the need for multicast routing in the underlay network, but it can increase the load on the ingress VTEP. Therefore, this correctly describes how the VTEPs handle VXLAN traffic forwarding without EVPN.

QUESTION 5

Is this something that NetEdit 2.0 does after it discovers a switch?

Solution: It collects Information about the switch hardware.

A. Yes

B. No

Correct Answer: A

It collects information about the switch hardware is something that NetEdit 2.0 does after it discovers a switch. NetEdit 2.0 is a tool that provides configuration management and validation for ArubaOS-CX and ArubaOS-Switch devices. NetEdit 2.0 can discover switches using various methods such as IP range scan, LLDP scan, CSV import, etc. After NetEdit 2.0 discovers a switch, it collects information about the switch hardware such as model number, serial number, MAC address, firmware version, etc1.

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