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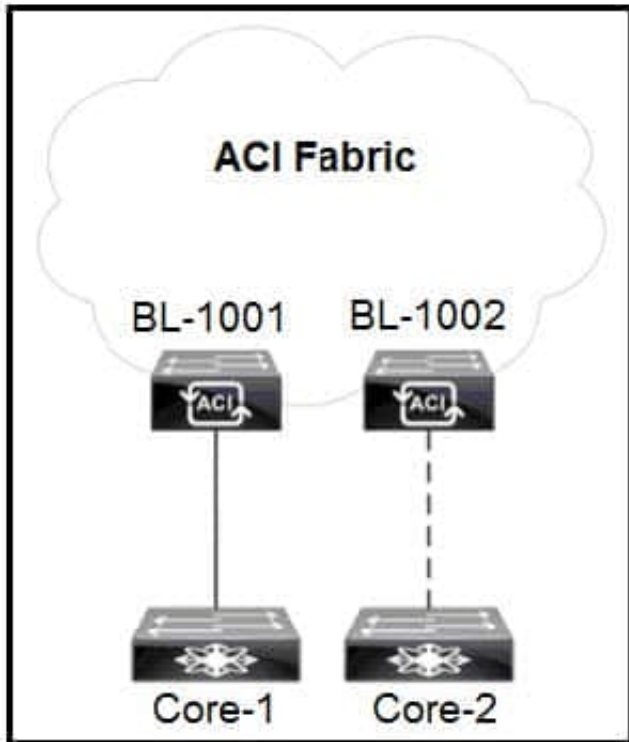100% Money Back Assurance

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QUESTION 1

Refer to the exhibit.

A tenant is configured with a single L3Out and a single-homed link to the core router called Core-1. An engineer must add a second link to the L3Out that connects to the Core-2 router. Which action allows traffic from Core-2 to BL-1002 to have the same connectivity as the traffic from Core-1 to BL-1001?

A. Add a second OSPF interface profile to the logical interface profile.

B. Add a second interface to the external domain to the existing L3Out.

C. Add a second path to the logical interface profile of the existing L3Out.

D. Add a second subnet to the external EPG to the existing L3Out.

Correct Answer: C

QUESTION 2

Refer to the exhibit.
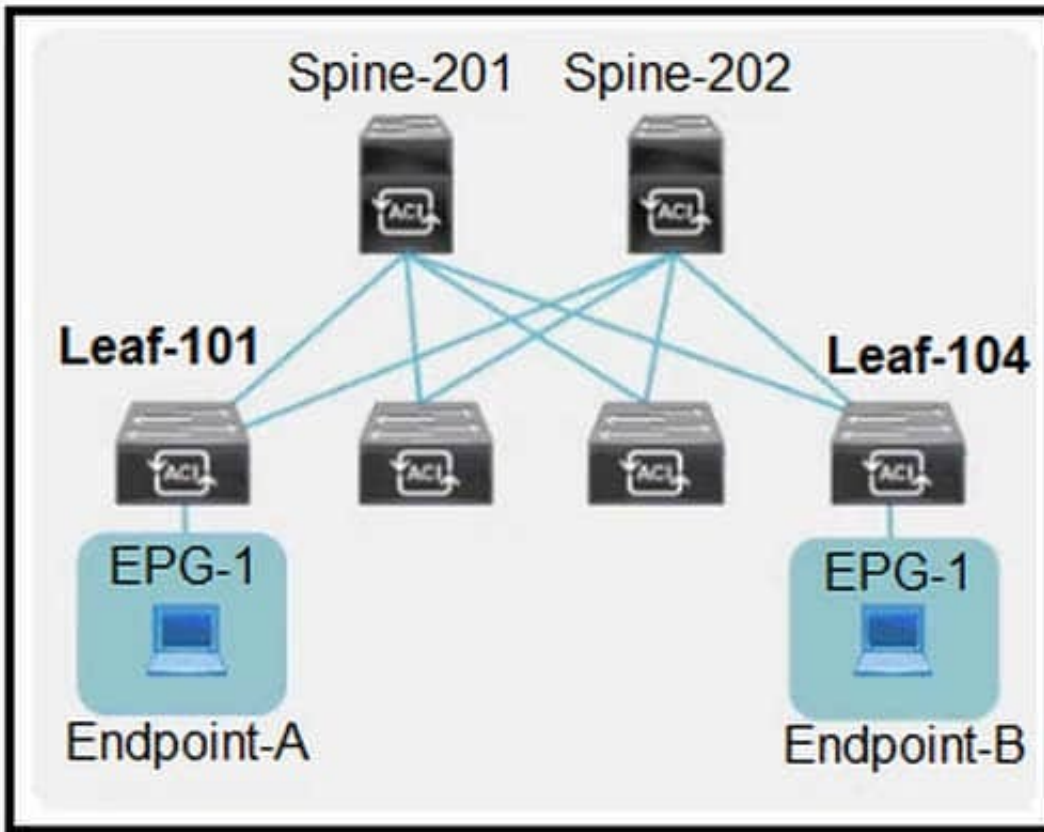
Endpoint-A must communicate with Endpoint-B, but Leaf-101 has not learned the location of Endpoint-B. Which step must Leaf-101 take before sending the data?

A. Leaf-101 forwards the packet to the anycast proxy VTEP IP.

B. Leaf-101 creates an eVXLAN tunnel to Leaf-104.

C. Leaf-101 sends the packet to the Spine-201.

D. Leaf-101 broadcasts an ARP request on a link to one of the spines.

Correct Answer: A

In this scenario, given the ingress leaf does not know the destination MAC address, it will forward the packet to the spine anycast proxy-mac address. The spine will perform a COOP lookup for the destination MAC.

https://www.cisco.com/c/en/us/support/docs/cloud-systems-management/application-policy-infrastructure-controller-apic/218035-troubleshoot-aci-intra-fabric-forwarding.html

QUESTION 3

The existing network and ACI fabric have been connected to support workload migration. Servers will physically terminate at the Cisco ACI, but their gateway must stay in the existing network. The solution needs to adhere to Cisco\\'s best practices. The engineer started configuring the relevant Bridge Domain and needs to complete the configuration. Which group of settings are required to meet these requirements?

A. L2 Unknown Unicast: Hardware Proxy L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD

ARP Flooding: Enable

B. L2 Unknown Unicast: Flood L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Enable

C. L2 Unknown Unicast: Flood L3 Unknown Multicast Flooding: Optimize Flood Multi Destination Flooding: Flood in BD ARP Flooding: Disable

D. L2 Unknown Unicast: Hardware Proxy L3 Unknown Multicast Flooding: Optimize Flood Multi Destination Flooding: Flood in BD ARP Flooding: Disable

Correct Answer: B

QUESTION 4

A Solutions Architect is asked to design two data centers based on Cisco ACI technology that can extend L2/L3, VXLAN, and network policy across locations. ACI Multi-Pod has been selected. Which two requirements must be considered in this design? (Choose two.)

A. ACI underlay protocols, i.e. COOP, IS-IS and MP-BGP, spans across pods. Create QoS policies to make sure those protocols have higher priority.

B. A single APIC Cluster is required in a Multi-Pod design. It is important to place the APIC Controllers in different locations in order to maximize redundancy and reliability.

C. ACI Multi-Pod requires an IP Network supporting PIM-Bidir.

D. ACI Multi-Pod does not support Firewall Clusters across Pods. Firewall Clusters should always be local.

E. Multi-Pod requires multiple APIC Controller Clusters, one per pod. Make sure those clusters can communicate to each other through a highly available connection.

Correct Answer: BC

Multipod is with only a single APIC cluster - multisite requires multiple clusters.

"The entire network hence runs as a single large fabric from an operational perspective; however, ACI Multi-Pod introduces specific enhancements to isolate as much as possible the failure domains between Pods, contributing to increase the

overall design resiliency. This is achieved by running separate instances of fabric control planes (IS-IS, COOP, MP-BGP) across Pods."

https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-737855.html

QUESTION 5

Which protocol does ACI use to securely sane the configuration in a remote location?

A. SCP

B. HTTPS

C. TFTP

D. FTP

Correct Answer: A

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