



300-630^{Q&As}

Implementing Cisco Application Centric Infrastructure - Advanced
(DCACIA)

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QUESTION 1

DRAG DROP

A leaf receives unicast traffic that is destined to an unknown source, and spine proxy is enabled in the corresponding bridge domain. Drag and drop the Cisco ACI forwarding operations from the left into the order the operation occurs on the right.

Select and Place:

Answer Area

Spine lookup occurs dMACi or dIPi	Step 1
Packet is sent out of the fabric	Step 2
Packet is routed in VRF overlay-1 based on dIPo	Step 3
Source leaf forwards the packet to anycast TEP encapsulated with VXLAN header	Step 4
Packet reaches destination leaf and is VXLAN decapsulated	Step 5

Correct Answer:



Answer Area

Source leaf forwards the packet to anycast TEP encapsulated with VXLAN header

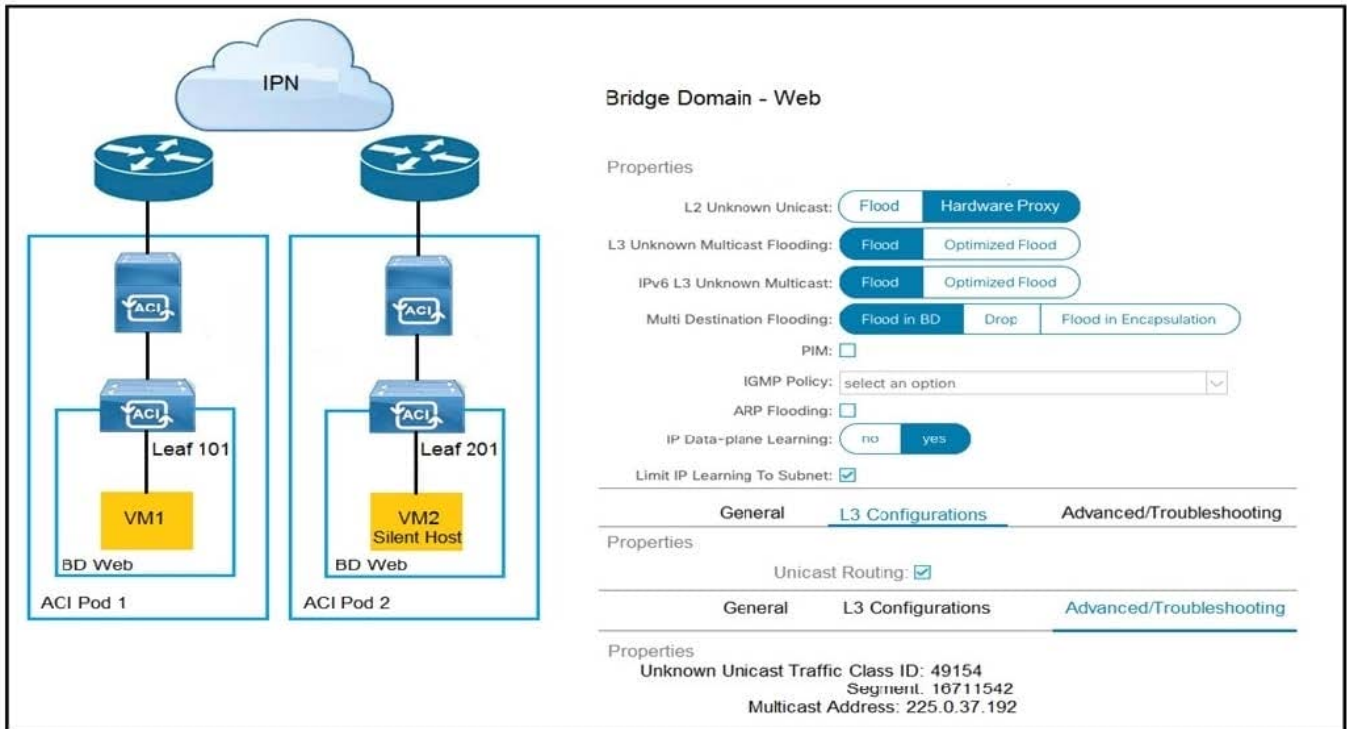
Spine lookup occurs dMACi or dIPi

Packet is sent out of the fabric

Packet reaches destination leaf and is VXLAN decapsulated

Packet is routed in VRF overlay-1 based on dIPo

QUESTION 2



Refer to the exhibit. How is the ARP request from VM1 forwarded when VM2 is not learned in the Cisco ACI fabric?

- A. Leaf 101 forwards the ARP request to one of the proxy VTEP spines.
- B. POD1 spine responds to the ARP request after the POD1 COOP is updated with the VM2 location.
- C. Leaf 101 encapsulates the ARP request into a multicast packet that is destined to 225.0.37.192.
- D. Leaf 101 switch consumes the ARP reply of VM2 to update the local endpoint table.

Correct Answer: A

QUESTION 3

An engineer implements the Cisco ACI solution and needs to confirm that the leaf switch correctly learns the remote endpoint MAC. Which information must be included in the VXLAN packet that is received from the Cisco ACI spine for the Cisco ACI leaf to learn MAC as a remote endpoint?

- A. VRF
- B. application profile
- C. bridge domain
- D. EPG

Correct Answer: C

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>



QUESTION 4

Which approach does Cisco ACI use to achieve multidestination packet forwarding between leaf switches in the same fabric?

- A. Map VXLAN VTEP to the multicast group
- B. Map VXLAN to PIM-SM protocol
- C. Map VXLAN VNI to the multicast group
- D. Map VXLAN to PIM-DM protocol

Correct Answer: C

QUESTION 5

What is a characteristic of a stretched bridge domain solution between Cisco ACI sites with Layer 2 flood disabled?

- A. The application profile that is associated to the bridge domain have local significance in each site.
- B. The tenant and VRF that associated to the bridge domain have local significance in each site.
- C. Headend replication is used for BUM traffic between sites.
- D. IP mobility is ensured between sites for disaster recovery.

Correct Answer: B

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