



# 300-620<sup>Q&As</sup>

Implementing Cisco Application Centric Infrastructure (DCACI)

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### QUESTION 1

A network engineer must integrate VMware vCenter cluster with Cisco ACI. The requirement is for the management traffic of the hypervisors and VM controllers to use the virtual switch associated with the Cisco Application Policy. The EPG called "Vmware-MGMT" with VLAN 300 has been created for this purpose. Which set of steps must be taken to complete the configuration?

- A. Add VLAN 300 with static allocation to the VLAN POOL that is used for VMM integration. Attach the VMM domain to the target EPG with resolution preprovision, mode static, untagged access VLAN, and Port-Encap 300.
- B. Associate the target EPG with the VMM domain with default settings. Enable Infrastructure VLAN on AAEP used toward VMware hypervisors.
- C. Enable Infrastructure VLAN on AAEP used toward VMware hypervisors. Associate the target EPG with the VMM domain with default settings.
- D. Enable Infrastructure VLAN on AAEP used toward VMware hypervisors. Create a static binding in the target EPG toward VMware hypervisors with VLAN 300, untagged access VLAN, and Untagged 802.1P mode.

Correct Answer: A

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### QUESTION 2

Which two components are essential parts of a Cisco ACI Virtual Machine Manager (VMM) domain policy configuration? (Choose two.)

- A. Layer 3 outside interface association
- B. EPG static port binding
- C. VMM domain profile
- D. EPG association
- E. IP address pool association

Correct Answer: CD

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b\\_ACI-Fundamentals/b\\_ACI-Fundamentals\\_chapter\\_01011.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_01011.html)

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### QUESTION 3

An engineer is extending EPG connectivity to an external network. The external network houses the Layer 3 gateway and other end hosts. Which ACI bridge domain configuration should be used?

- A. Forwarding: Custom L2 Unknown Unicast: Hardware Proxy L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Enabled



B. Forwarding: Custom L2 Unknown Unicast: Flood L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Enabled

C. Forwarding: Custom L2 Unknown Unicast: Hardware Proxy L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Disabled

D. Forwarding: Custom L2 Unknown Unicast: Flood L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Disabled

Correct Answer: B

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#### QUESTION 4

An endpoint called EP1 is connected to Cisco ACI compute leaf1. The engineer must replace EP1 with EP2 on the same leaf switch. Which set of actions forces all remote leaves to delete EP1 before timer expiration?

A. Set L2 Unknown Unicast to Hardware proxy. Select Clear remote MAC entries.

B. Set L2 Unknown Unicast to Flood. Select Clear remote MAC entries.

C. Set L2 Unknown Unicast to Hardware Proxy. Select Clear remote IP entries.

D. Set L2 Unknown Unicast to Flood. Select Clear remote IP entries.

Correct Answer: B

When the bridge domain has L2 Unknown Unicast set to Flood, if an endpoint is deleted the system deletes it from both the local leaf switches as well as the remote leaf switches where the bridge domain is deployed, by selecting Clear Remote MAC Entries. Without this feature, the remote leaf continues to have this endpoint learned until the timer expires. [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2\\_config/b\\_Cisco\\_APIC\\_Layer\\_2\\_Configuration\\_Guide/b\\_Cisco\\_APIC\\_Layer\\_2\\_Configuration\\_Guide\\_chapter\\_010.html#:~:text=When%20the%20bridge,the%20timer%20expires.](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html#:~:text=When%20the%20bridge,the%20timer%20expires.)

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#### QUESTION 5

An engineer associates EPG-A with a VMM domain and sets the Deployment and Resolution preferences to Immediate. The host that will generate endpoints for EPG-A is attached to Leaf-101 and Leaf-102 using eth1/1. However, no configuration for EPG-A appears to have been pushed to the leaf switches. Which action must be taken for the configuration to be pushed to Leaf-101 and Leaf-102?

A. Enable CDP or LLDP on the host.

B. Enable LACP on the leaf switch ports.

C. Disable and enable eth1/1 on both leaf switches.

D. Configure both ports for trunking.

Correct Answer: A

Resolution immediacy:



Immediate: The VLAN will be deployed on leaf interfaces only when hypervisors are detected through LLDP or CDP.

<https://learnduty.com/cisco-aci/cisco-aci-resolution-and-deployment-immediacy-explained/>

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