

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

Implementing Cisco Application Centric Infrastructure (DCACI)

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#### QUESTION 1

A customer migrates a legacy environment to Cisco ACI. A Layer 2 trunk is configured to interconnect the two environments. The customer also builds ACI fabric in an application-centric mode. Which feature should be enabled in the bridge domain to reduce instability during the migration?

- A. Set Multi-Destination Flooding to Flood in BD.
- B. Enable Flood in Encapsulation.
- C. Set Multi-Destination Flooding to Flood in Encapsulation.
- D. Disable Endpoint Dataplane Learning

Correct Answer: A

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#### QUESTION 2

Which statement regarding ACI Multi-Pod and TEP pool is true?

- A. The IP addresses used in the IPN network can overlap TEP pool of the APIC.
- B. A different TEP pool must be assigned to each Pod.
- C. The Pod1 TEP pool must be split and a portion of the TEP pool allocated to each Pod.
- D. The same TEP pool is used in all Pods.

Correct Answer: B

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#### QUESTION 3

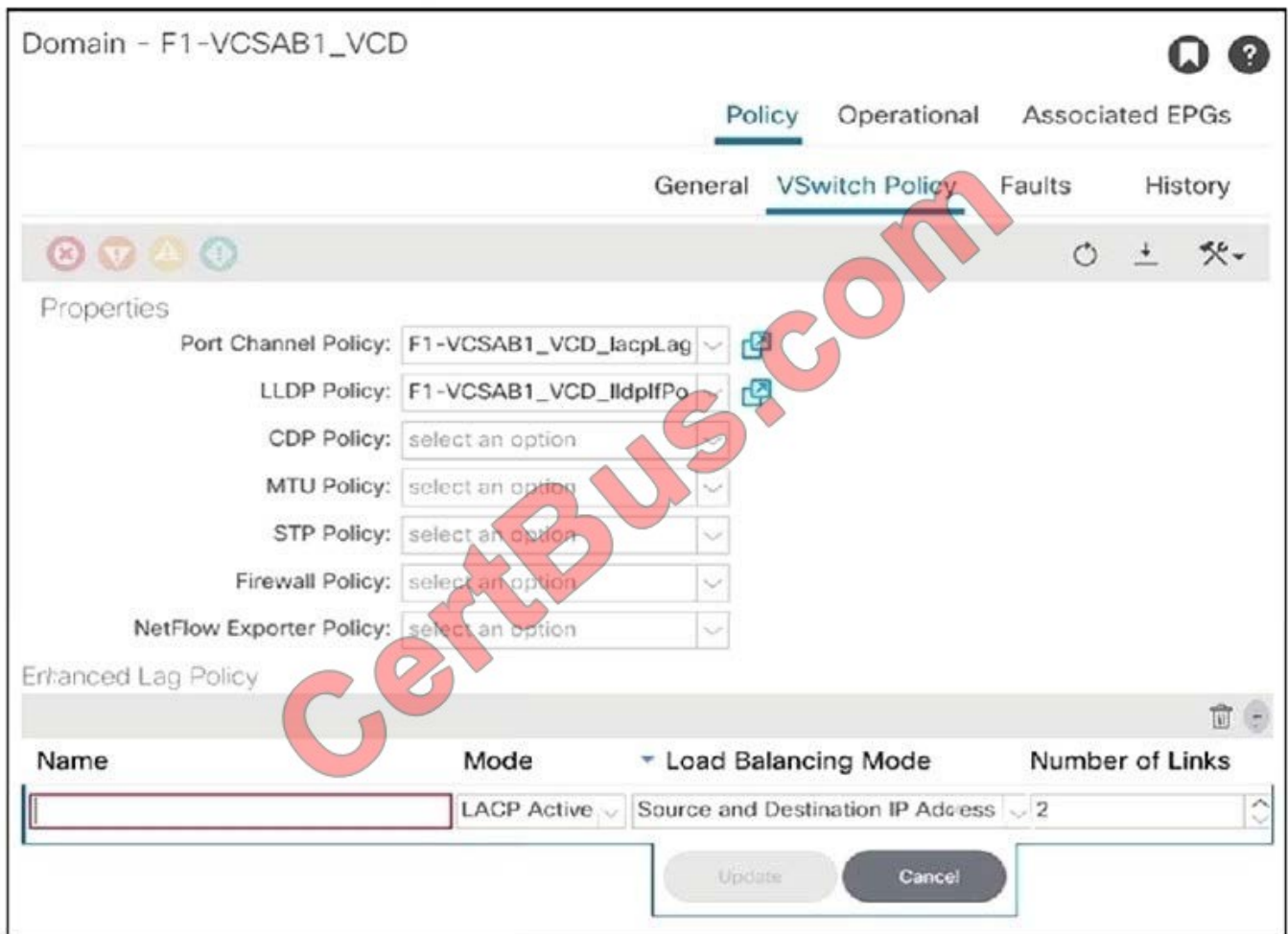
An engineer must connect a new host to port 1/1 on Leaf 101. A Cisco ACI fabric has an MCP policy configured but experiences excessive Layer 2 loops. The engineer wants the Cisco ACI fabric to detect and prevent Layer 2 loops in the fabric. Which set of actions accomplishes these goals?

- A. Enable MCP locally. Associate the MCP policy with an interface policy group.
- B. Enable MCP locally. Associate the MCP policy with an interface profile.
- C. Enable MCP globally. Associate the MCP policy with an interface selector.
- D. Enable MCP globally. Associate the MCP policy with an interface policy group.

Correct Answer: D

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#### QUESTION 4



Refer to the exhibit. An engineer configures the Cisco ACI fabric for VMM integration with ESXi servers that are to be connected to the ACI leaves. The server team requires the network switches to initiate the LACP negotiation as opposed to the servers. The LAG group consists of two 10 Gigabit Ethernet links. The server learn also wants to evenly distribute traffic across all available links. Which two enhanced LAG policies meet these requirements? (Choose two.)

- A. LACP Mode: LACP Standby
- B. LB Mode: Destination IP Address and TCP/UDP Port
- C. LB Mode: Source and Destination MAC Address
- D. LB Mode: Source IP Address and TCP/UDP Port
- E. LACP Mode: LACP Active

Correct Answer: DE

**QUESTION 5**

When Cisco ACI connects to an outside Layers 2 network, where does the ACI fabric flood the STP BPDU frame?

- A. within the bridge domain

- B. within the APIC
- C. within the access encap VLAN
- D. between all the spine and leaf switches

Correct Answer: C

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#### QUESTION 6

What is MP-BGP used for in Cisco ACI fabric?

- A. MP-BGP VPNv4 AF is used as protocol on L3Out between a border leaf and an external router
- B. MP-BGP Layer 2 VPN EVPN AF is used to propagate L3Out routes that are received from a border leaf
- C. MP-BGP VPNv4 AF is used to propagate L3Out routes that are received from a border leaf to the fabric
- D. MP-BGP VPNv4 AF is used between spines in an ACI Multi-Pod fabric to propagate the endpoint

Correct Answer: C

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#### QUESTION 7

In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

- A. Endpoint information is not exchanged across sites unless COOP protocol is used.
- B. Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites.
- C. Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site.
- D. Endpoint information is exchanged across sites when the endpoints are discovered in both sites.

Correct Answer: A

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#### QUESTION 8

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

- A. SCP
- B. HTTPS
- C. TFTP
- D. FTP

Correct Answer: A

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#### QUESTION 9

A situation causes a fault to be raised on the APIC. The ACI administrator does not want that fault to be raised because it is not directly relevant to the environment. Which action should the administrator take to prevent the fault from appearing?

- A. Under System -> Faults, right-click on the fault and select Acknowledge Fault so that acknowledged faults will immediately disappear.
- B. Create a stats threshold policy with both rising and falling thresholds defined so that the critical severity threshold matches the squelched threshold.
- C. Under System -> Faults, right-click on the fault and select Ignore Fault to create a fault severity assignment policy that hides the fault.
- D. Create a new global health score policy that ignores specific faults as identified by their unique fault code.

Correct Answer: C

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#### QUESTION 10

An engineer must allow multiple external networks to communicate with internal ACI subnets. Which action should the engineer take to assign the prefix to the class ID of the external Endpoint Group?

- A. Enable the Export Route Control Subnet for the External Endpoint Group flag.
- B. Enable an L3Out with Shared Route Control Subnet.
- C. Configure subnets with the External Subnets for External EPG flag enabled.
- D. Configure subnets with the Import Route Control Subnet flag enabled.

Correct Answer: C

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#### QUESTION 11

When creating a subnet within a bridge domain, which configuration option is used to specify the network visibility of the subnet?

- A. limit IP learning to subnet
- B. scope
- C. gateway IP
- D. subnet control

Correct Answer: C

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**QUESTION 12**

DRAG DROP

Drag and drop the Cisco ACI filter entry options from the left onto the correct categories on the right indicating what are required or optional parameters.

Select and Place:

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	Required Parameters
Source Port From	

Correct Answer:

	Optional Parameters
	Required Parameters

ARP Flag
IP Protocol
Source Port From

Name
Ether Type

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating\\_ACI/guide/b\\_Cisco\\_Operating\\_ACI/b\\_Cisco\\_Operating\\_ACI\\_chapter\\_01000.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_01000.html)

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### QUESTION 13

What must be enabled in the bridge domain to have the endpoint table learn the IP addresses of endpoints?

- A. L2 unknown unicast: flood
- B. GARP based detection
- C. unicast routing
- D. subnet scope

Correct Answer: C

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### QUESTION 14

New ESXi hosts are procured in a data center compute expansion project. An engineer must update the configuration on the Cisco APIC controllers to support the addition of the new servers to the existing VMM domain. Which action should be taken to support this change?

- A. Create a range of internal VLANs in the associated VLAN pool.
- B. Set the encapsulation mode as VXLAN.
- C. Enable infrastructure VLAN in the associated AEP.
- D. Map the leaf interface selector to the AEP that is associated with the VMM domain.

Correct Answer: D

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### QUESTION 15

In the context of VMM, which protocol between ACI leaf and compute hosts ensures that the policies are pushed to the leaf switches for immediate and on demand resolution immediacy?

- A. VXLAN
- B. LLDP
- C. IS-IS
- D. STP

Correct Answer: B

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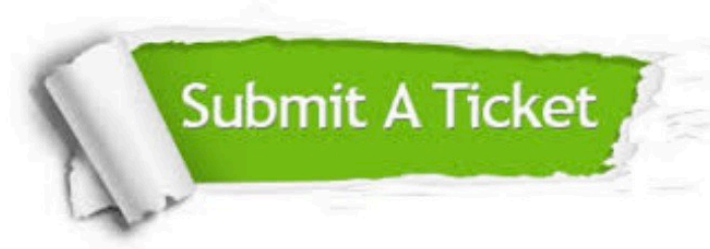
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