



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

Implementing Cisco Application Centric Infrastructure (DCACI)

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### QUESTION 1

Which type of policy configures the suppression of faults that are generated from a port being down?

- A. fault lifecycle assignment
- B. event lifecycle assignment
- C. fault severity assignment
- D. event severity assignment

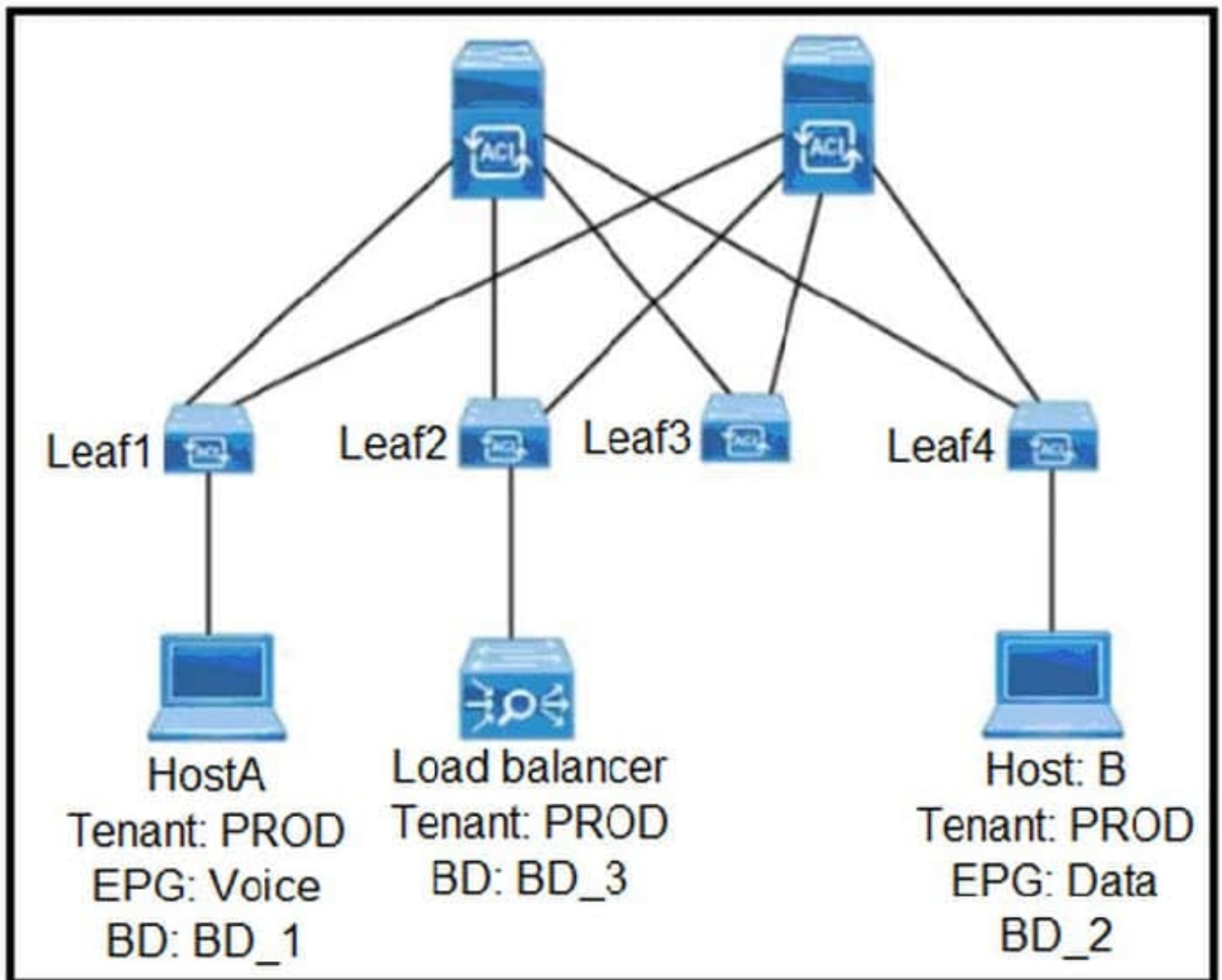
Correct Answer: C

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/all/faults/guide/b\\_APIC\\_Faults\\_Errors/b\\_IFC\\_Faults\\_Errors\\_chapter\\_01.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/all/faults/guide/b_APIC_Faults_Errors/b_IFC_Faults_Errors_chapter_01.html)

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### QUESTION 2

Refer to the exhibit.



A load balancer is connected to the Cisco ACI fabric using a single interface. The load balancer is performing source and destination NAT. A service graph is configured on the Cisco ACI. Which action must be taken to allow traffic from host A to pass through the load balancer before reaching host B?

- A. Apply PBR on contract between the load balancer and application EPGs.
- B. Disable unicast routing on the bridge domain BD\_2.
- C. Configure limit IP learning to subnet on BD\_3.
- D. Set the default gateway for host B on the load balancer.

Correct Answer: A

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739971.html>

### QUESTION 3



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Which type of profile needs to be created to deploy an access port policy group?

- A. attachable entity
- B. Pod
- C. module
- D. leaf interface

Correct Answer: A

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\\_0110.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_0110.html)

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#### QUESTION 4

A data center administrator is upgrading an ACI fabric. There are 3 APIC controllers in the fabric and all the servers are dual-homed to pairs of leaf switches configured in VPC mode. How should the fabric be upgraded to minimize possible traffic impact during the upgrade?

- A. 1. Create two maintenance groups for the APIC controllers: VPC left and VPC right.

2.

Upgrade the first group of controllers.

3.

Upgrade the second group of controllers.

4.

Upgrade the leaf switches.

- B. 1. Create two maintenance groups for APIC controllers: VPC left and VPC right.

2.

Upgrade the leaf switches.

3.

Upgrade the first group of controllers.

4.

Upgrade the second group of controllers.

- C. 1. Create two maintenance groups for the leaf switches: VPC left and VPC right.

2.



Upgrade the APIC controllers.

3.

Upgrade the first group of leaf switches.

4.

Upgrade the second group of leaf switches.

D. 1. Create two maintenance groups for the leaf switches: VPC left and VPC right.

2.

Upgrade the first group of switches.

3.

Upgrade the second group of switches.

4.

Upgrade the APIC controllers.

Correct Answer: C

Recommended by Cisco TAC and the Cisco Consultant that was helping us upgrade ACI to upgrade the APIC first and then the Fabric with Minimum of two groups VPC1 and VPC2.

## QUESTION 5

Which two actions does the Cisco ACI take when a bridge domain is configured with a subnet and unicast routing is enabled? (Choose two.)

- A. enables routing to and from that subnet
- B. disables the ARP flooding feature
- C. learns MAC and IP addresses
- D. stops remote endpoint learning
- E. discovers endpoints from data plane learning only

Correct Answer: AC

The Layer 3 Configurations tab of the bridge domain panel allows the administrator to configure the following parameters:

**Unicast Routing:** If this setting is enabled and a subnet address is configured, the fabric provides the default gateway function and routes the traffic. Enabling unicast routing also instructs the mapping database to learn the endpoint IP-to-VTEP mapping for this bridge domain. The IP learning is not dependent upon having a subnet configured under the bridge domain.

**Subnet Address:** This option configures the SVI IP addresses (default gateway) for the bridge domain.



Limit IP Learning to Subnet: This option is similar to a unicast reverse-forwarding-path check. If this option is selected, the fabric will not learn IP addresses from a subnet other than the one configured on the bridge domain.

Unicast Routing feature in ACI allows the Leaf Switches to learn the IP addresses associated with the Endpoint which are connected to ACI Fabric.

The Unicast Routing feature also enables IP Routing under the bridge domain ( Similar to IP Routing Command in Nexus-OS/ Catalyst OS).

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