



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

Implementing Cisco Application Centric Infrastructure (DCACI)

## Pass Cisco 300-620 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/300-620.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco  
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





### QUESTION 1

An ACI engineer is implementing a Layer 3 Out inside the Cisco ACI fabric that must meet these requirements:

1.

The data center core switch must be connected to one of the leaf switches with a single 1G link.

2.

The routes must be exchanged using a link-state routing protocol that supports hierarchical network design.

3.

The data center core switch interface must be using 802.1Q tagging, and each VLAN will be configured with a dedicated IP address.

Which set of steps accomplishes this goals?

A. Set up the EIGRP Protocol policy with the selected Autonomous System number. Create the Routed Outside object and Node Profile, selecting EIGRP. Configure the Interface profile, selecting Routed Interface and the appropriate interfaces. Create the External Network object with a network of 0.0.0 0/0.

B. Set up the EIGRP Protocol policy with the selected Autonomous System number. Set up the Routed External Network object and Node Profile, selecting EIGRP. Create the Switch profile, selecting Port-channel and the appropriate interfaces. Create the default network and associate it with the Routed Outside object.

C. Set up the BGP Protocol policy with the Autonomous System number of 0. Configure an Interface policy and an External Bridged Domain. Create an External Bridged Network using the configured VLAN pool. Build the Leaf profile, selecting Routed sub-interface and the appropriate VLAN.

D. Configure the OSPF Protocol policy with an area of 0. Create Routed Outside object and Node Profile, selecting OSPF as the routing protocol. Build the Interface profile, selecting Routed Sub-interface and the appropriate VLAN. Configure the External Network object with a network of 0 0.0 0/0.

Correct Answer: D

---

### QUESTION 2

What happens to the traffic flow when the Cisco ACI fabric has a stale endpoint entry for the destination endpoint?

A. The leaf switch does not learn the source endpoint through data plane learning.

B. The leaf switch drops the traffic that is destined to the endpoint.

C. The leaf switch floods the traffic to the endpoint throughout the fabric.

D. The leaf switch sends the traffic to the wrong destination leaf.

Correct Answer: D

---



Because of this stale remote endpoint, any traffic from LEAF1 toward IP2 will fail, because LEAF1 sends packets to the wrong leaf.

This stale remote endpoint on LEAF1 needs to be manually cleared to resume communication. The command syntax to manually clear a particular remote IP endpoint is shown here:

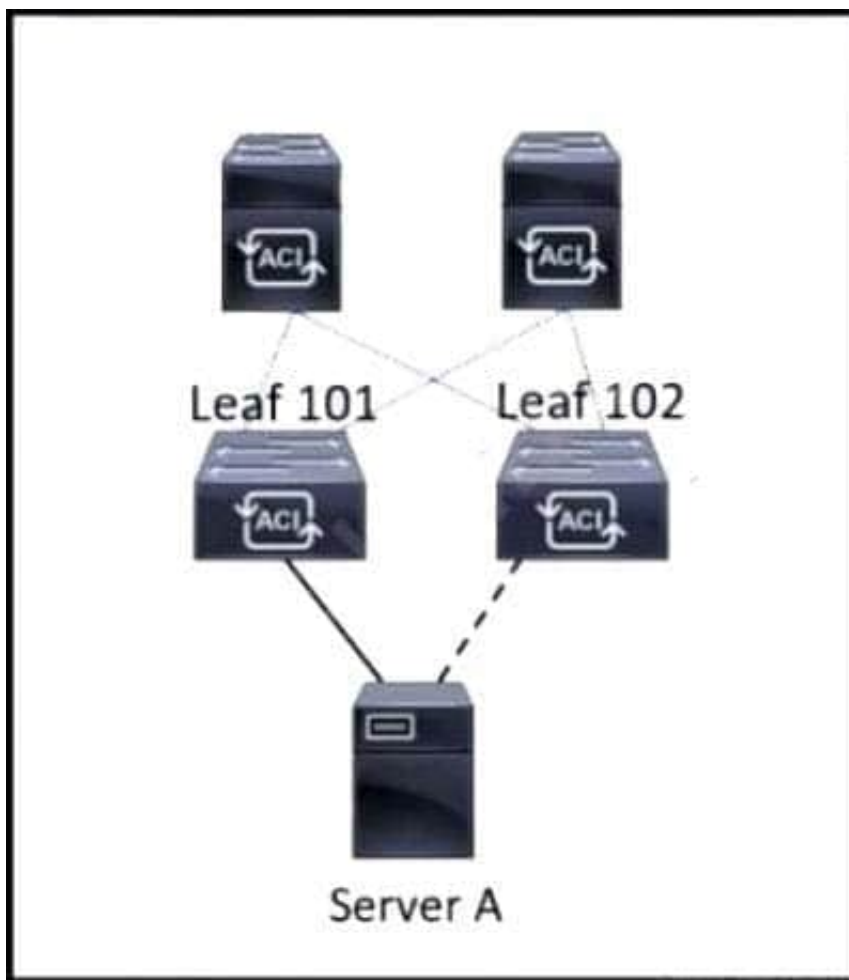
```
LEAF1# clear system internal epm endpoint key vrf ip
```

Reference:

<https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2019/pdf/BRKACI-2641.pdf>

### QUESTION 3

Refer to the exhibit.



Server A is connected to the Cisco ACI fabric using two teamed interfaces. One interface in a team is configured as active and the other remains in standby mode. When a failover occurs and the standby interface becomes active, it uses its built-in MAC address to send traffic. Which bridge domain configuration must be applied to resolve the issue?

- A. Configure Hardware proxy.
- B. Set L2 Unknown Unicast to Flood.



- C. Enable ARP flooding.
- D. Activate Limit IP Learning to Subnet.

Correct Answer: C

#### QUESTION 4

An organization has encountered many STP-related issues in the past due to failed hardware components. They are in the process of long-term migration to a newly deployed ACI fabric. Senior engineers are worried that spanning-tree loops in the existing network may be extended to the ACI fabric. Which feature must be enabled on the ACI leaf ports to protect the fabric from spanning-tree loops?

- A. BPDU Guard
- B. per-VLAN MCP
- C. Storm Control
- D. BPDU Filter

Correct Answer: B

#### 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

The ACI fabric is an IP-based fabric that implements an integrated overlay, allowing any subnet to be placed anywhere in the fabric and supports a fabric-wide mobility domain for virtualized workloads. STP is not required within the ACI fabric and leaf. The spine and APIC don't run STP instances.

When connecting to an outside layer 2 network, the ACI fabric floods the STP BPDU frame within the boundary of the EPG. External switches are expected to break any potential loop upon receiving the flooded BPDU from the ACI fabric. Figure 69 depicts this process.

[Latest 300-620 Dumps](#)

[300-620 Practice Test](#)

[300-620 Study Guide](#)