



Cisco

300-620 Exam

Implementing Cisco Application Centric Infrastructure (300-620 DCACI)

Exam Latest Version: 17.0

DEMO Version

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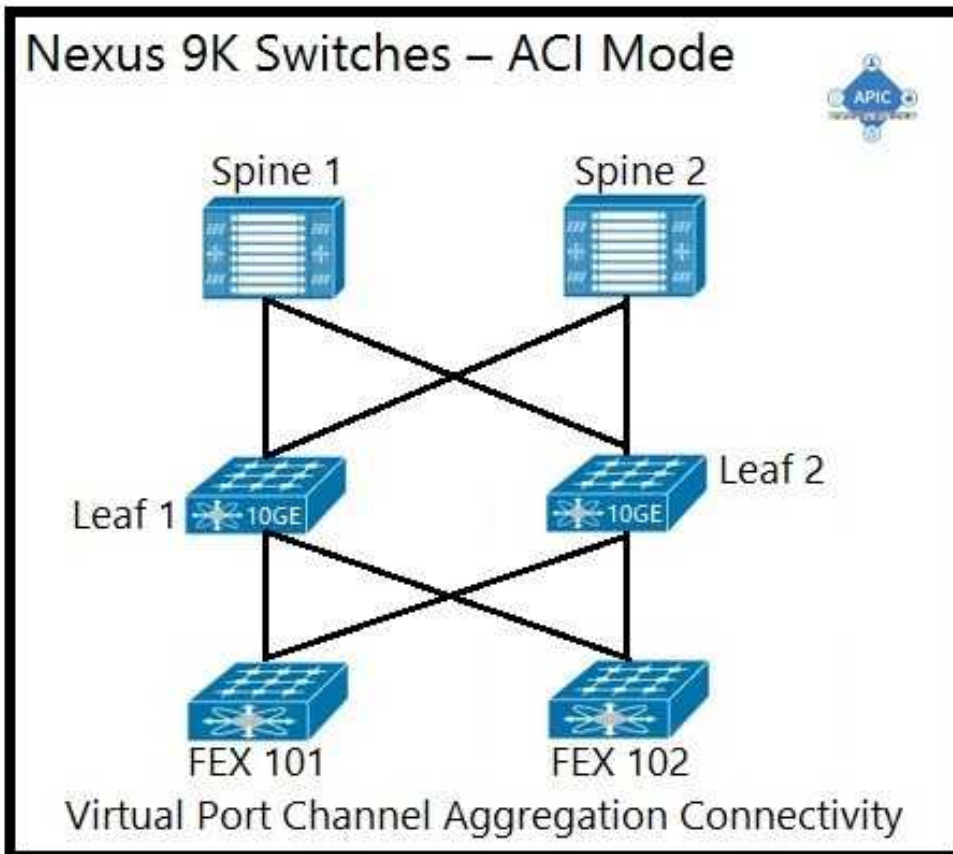
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Question 1. (Single Select)

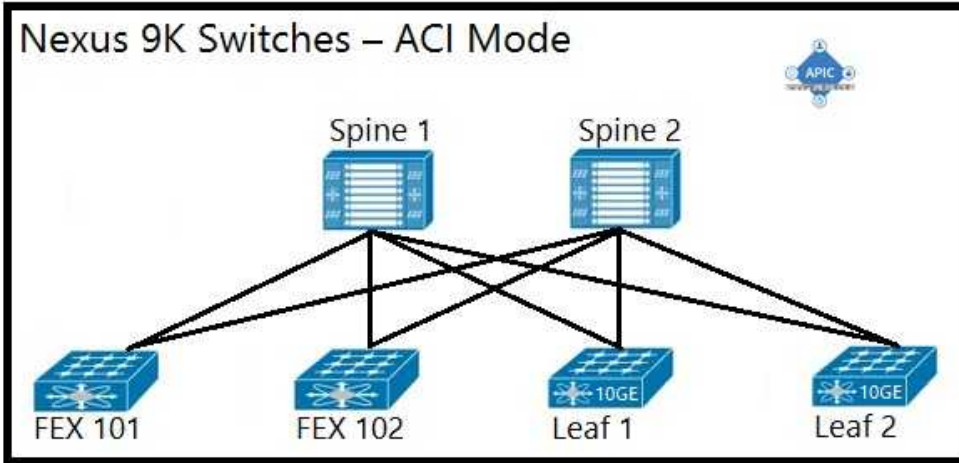
An engineer is implementing a Cisco ACI data center network that includes Cisco Nexus 2000 Series 10G fabric extenders. Which physical topology is supported?

A)



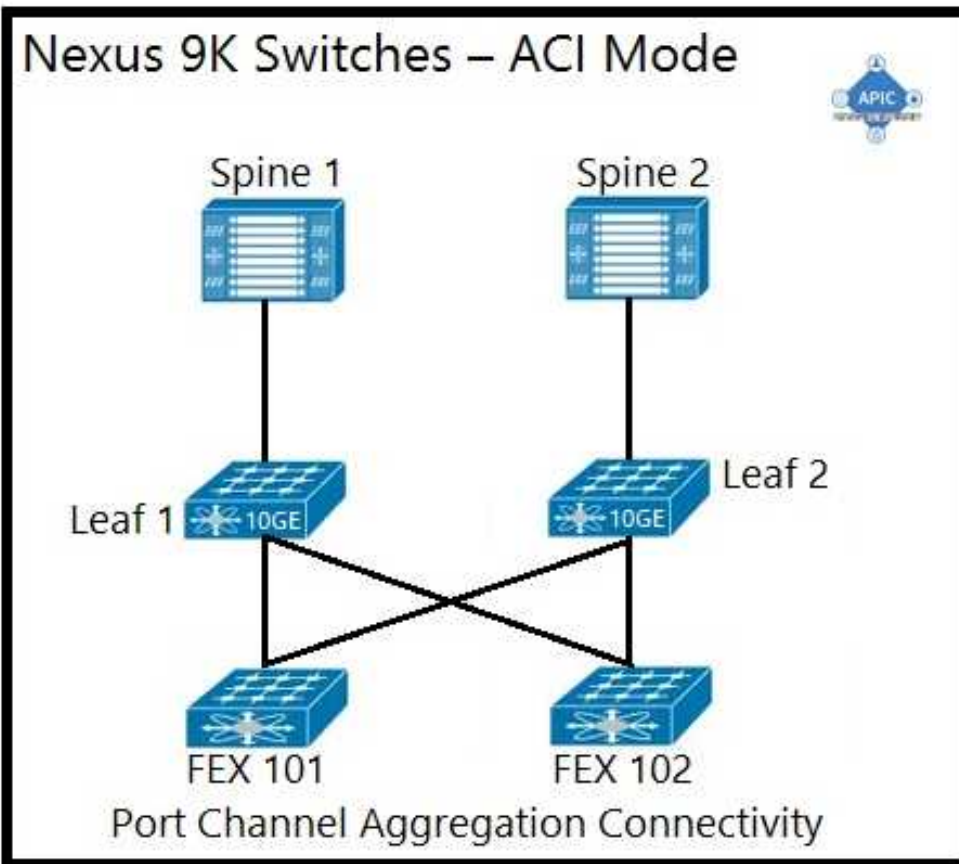
B)

Nexus 9K Switches – ACI Mode

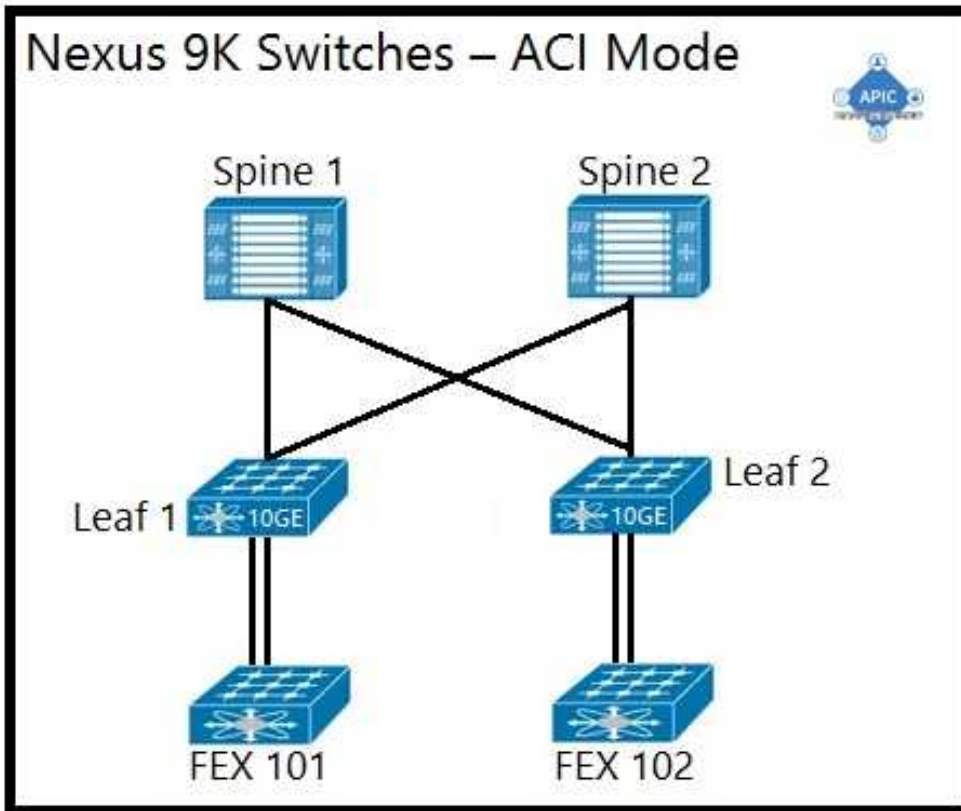


C)

Nexus 9K Switches – ACI Mode



D)



- A: Option A
- B: Option B
- C: Option C
- D: Option D

Correct Answer: A

Explanation:

The supported physical topology for a Cisco ACI data center network that includes Cisco Nexus 2000 Series 10G fabric extenders is depicted in Option A. This topology illustrates a pair of spine switches connected to leaf switches, which are then connected to the fabric extenders. The Cisco Nexus 2000 Series Fabric Extenders act as remote line cards for a parent Cisco Nexus switch, extending the network fabric. The topology shown is a spine-leaf architecture, which is a scalable, high-bandwidth framework that is typical in ACI deployments.

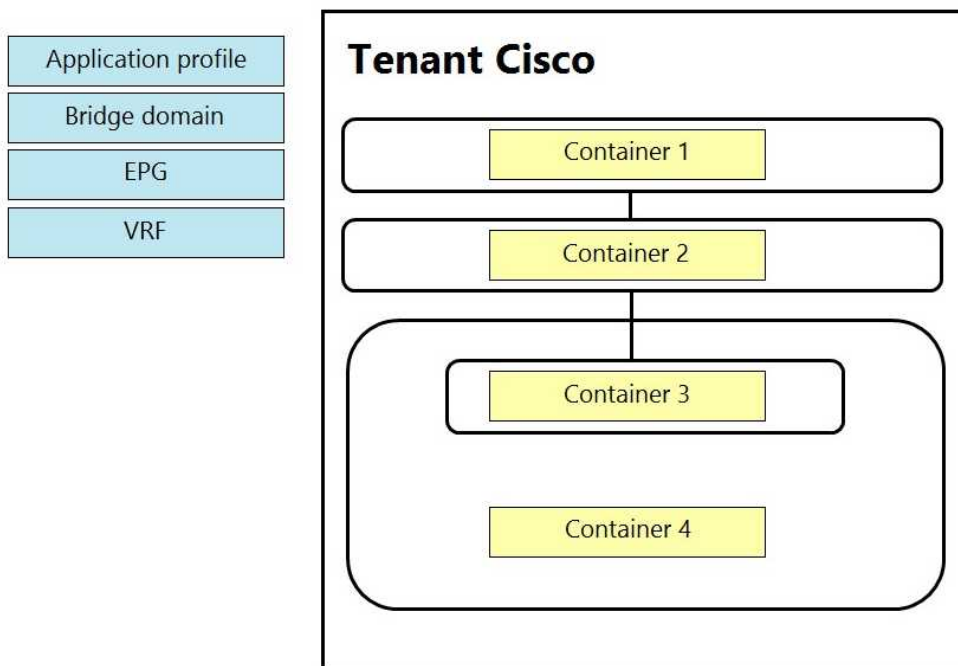
For a detailed understanding of the ACI fabric and supported topologies, you can refer to the Cisco Application Centric Infrastructure Design Guide, which provides comprehensive information on design recommendations and deployment models: [Cisco ACI Design Guide](#).

To learn more about the role of fabric extenders in the ACI architecture, the following resource

offers insights into how they integrate with the ACI fabric: Understanding the ACI Fabric.

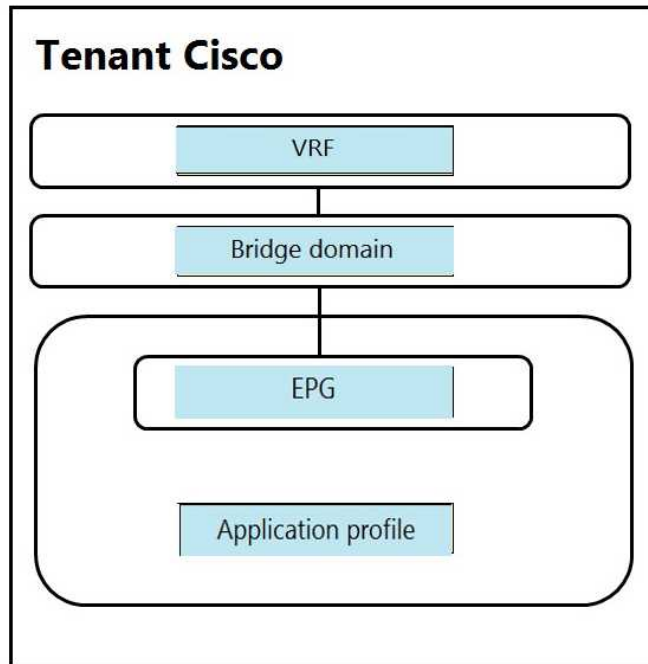
Question 2. (DRAGDROP)

An engineer is configuring a VRF for a tenant named Cisco. Drag and drop the child objects on the left onto the correct containers on the right for this configuration.



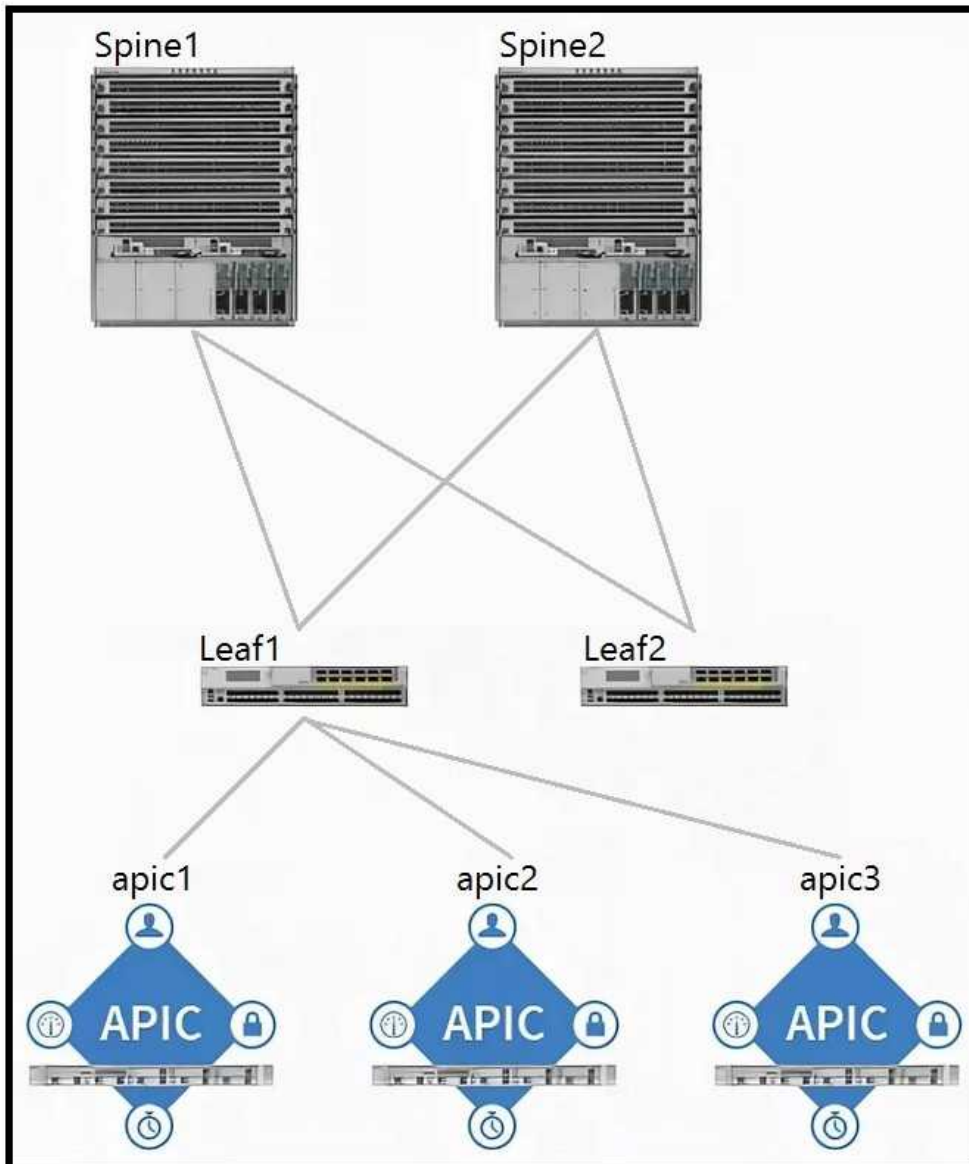
Correct Answer:

- Application profile
- Bridge domain
- EPG
- VRF



Question 3. (Multi Select)

Refer to the exhibit.



Which two components should be configured as route reflectors in the ACI fabric? (Choose two.)

- A: Spine1
- B: apic1
- C: Spine2
- D: Leaf1
- E: Leaf2
- F: apic2

Correct Answer: A, C

Explanation:

In a Cisco ACI fabric, the spine switches are typically configured as route reflectors. This is because spine switches are central to the fabric's architecture and are responsible for interconnecting all the leaf switches, making them ideal for reflecting BGP routes within the fabric. Therefore, the components that should be configured as route reflectors are:

Spine1 (Option A)

Spine2 (Option C)

Question 4. (Single Select)

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

Explanation:

To deploy an access port policy group within Cisco ACI, an attachable entity profile (AEP) needs to be created. An AEP is a policy construct that groups together various domains and allows them to be attached to the fabric access layer

Question 5. (Single Select)

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

Explanation:

To prevent a fault from appearing that is not directly relevant to the environment, the ACI administrator should create a fault severity assignment policy that hides the fault. This can be done by selecting "Ignore Fault" under System -> Faults in the APIC UI2



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