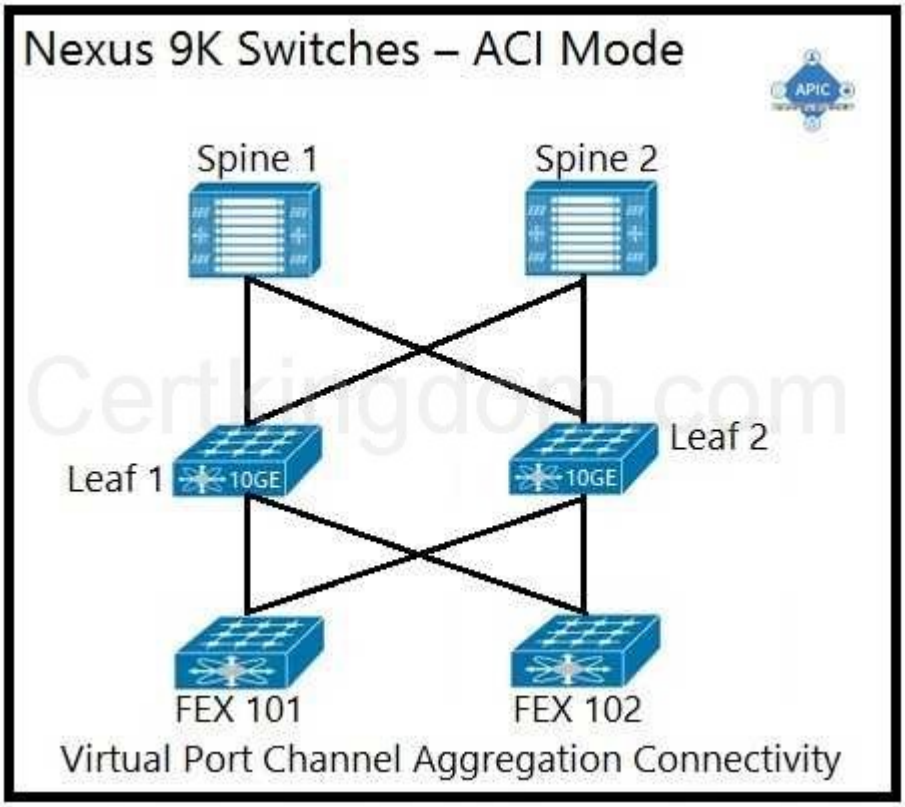
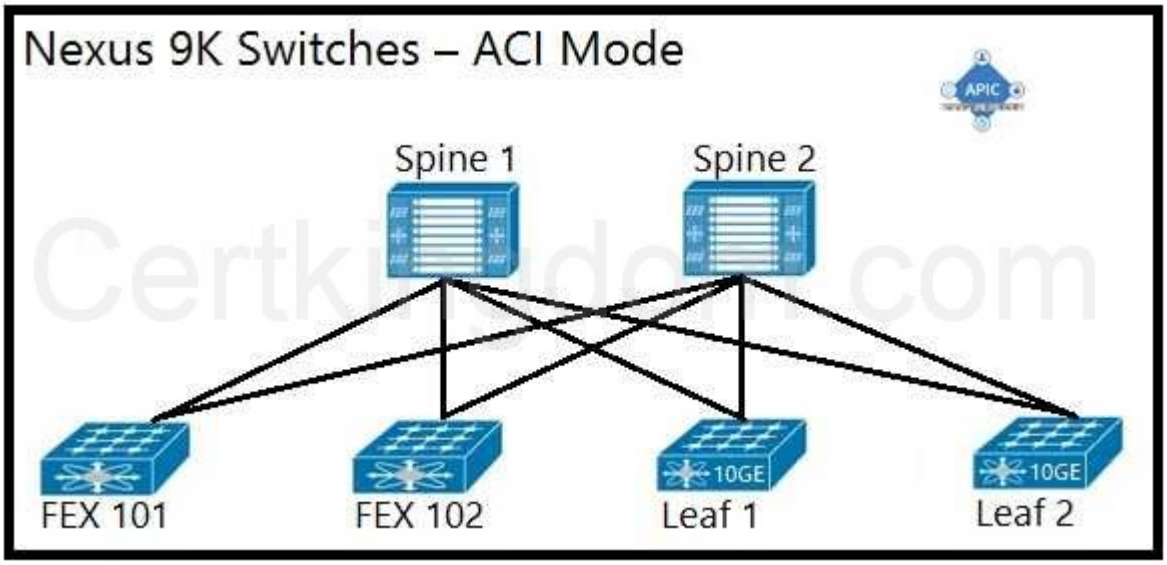
Exam	**300-620**
Title	**Implementing Cisco Application Centric Infrastructure (300-620 DCACI) Exam**
Version	**14.0**
Product Type	**192 Q&A with explanations**

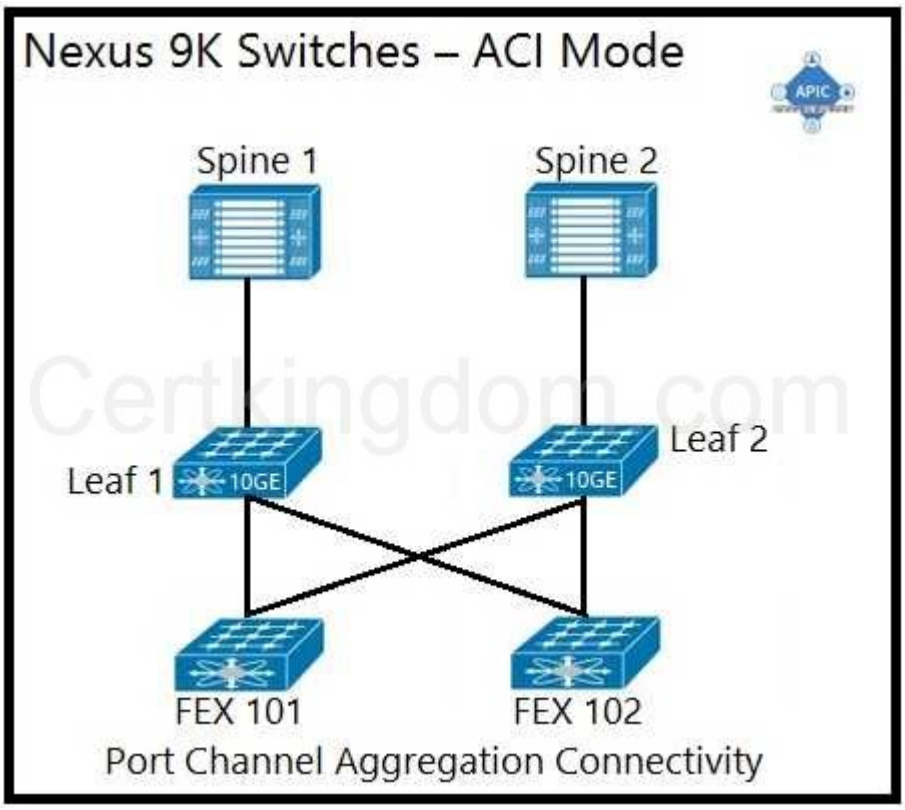
QUESTION 1
An engineer is implementing a Cisco ACI data center network that includes Cisco Nexus 2000 Series 10G fabric extenders. Which physical topology is supported?
A)



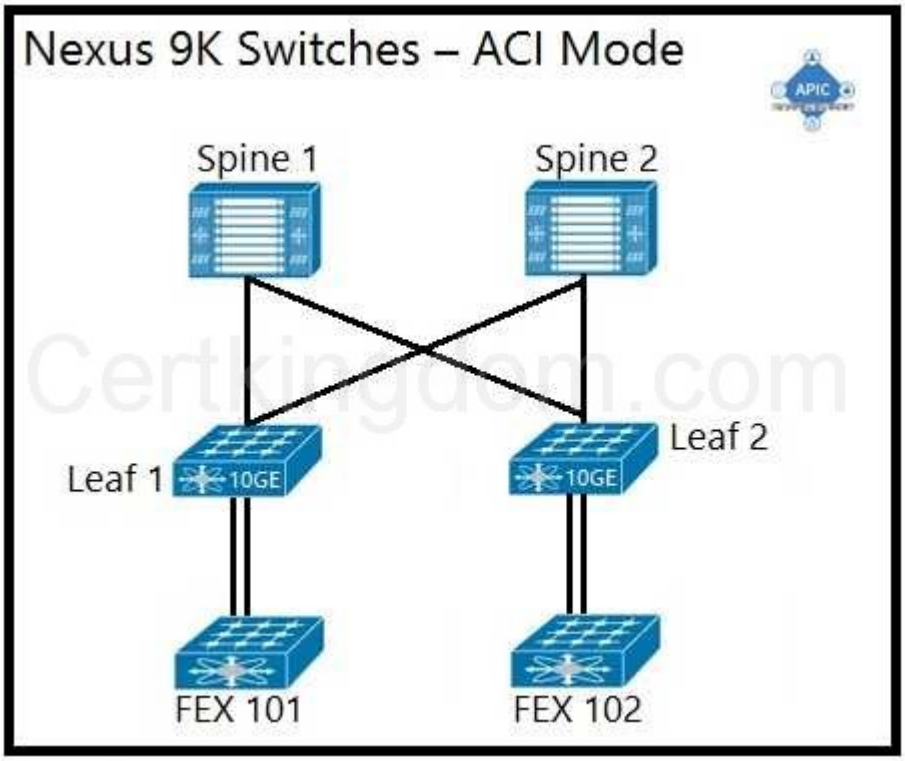
B)



C)



D)



A. Option A
B. Option B
C. Option C

D. Option D

Answer: D

Explanation:

QUESTION 2
An ACI administrator notices a change in the behavior of the fabric. Which action must be taken to determine if a human intervention introduced the change?

A. Inspect event records in the APIC UI to see all actions performed by users.
B. Inspect /var/log/audit_messages on the APIC to see a record of all user actions.
C. Inspect audit logs in the APIC UI to see all user events.
D. Inspect the output of show command history in the APIC CLI.

Answer: C

Explanation:

QUESTION 3
An engineer is creating a configuration import policy that must terminate if the imported configuration is incompatible with the existing system. Which import mode achieves this result?

A. merge
B. atomic
C. best effort
D. replace

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/acifundamentals/Cisco-ACI-Fundamentals-401/Cisco-ACI-Fundamentals-401_chapter_01011.html

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QUESTION 4
Which components must be configured for the BGP Route Reflector policy to take effect?

A. spine fabric interface overrides and profiles
B. access policies and profiles
C. pod policy groups and profiles
D. leaf fabric interface overrides and profiles

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/L3-

configuration/Cisco- APIC-Layer-3-Networking-Configuration-Guide-401/Cisco-APIC-Layer-3-Networking-Configuration-Guide- 401_chapter_01.html

QUESTION 5
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

Answer: C

Explanation:
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

QUESTION 6
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

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/Operating_ACI/guide/ b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_0110.html

QUESTION 7
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.

Answer: C

Explanation:

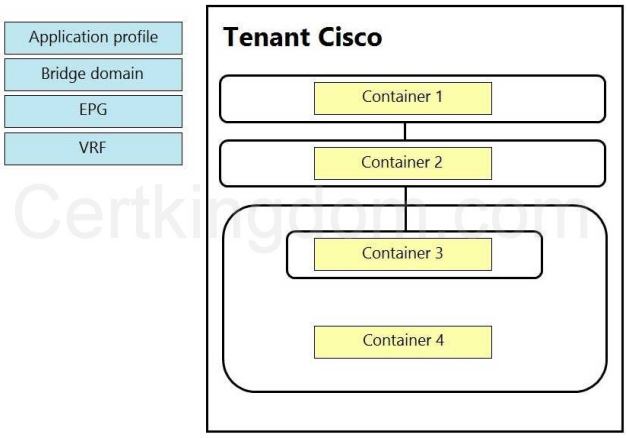
QUESTION 8
A RADIUS user resolves its role via the Cisco AV Pair. What object does the Cisco AV Pair resolve to?

A. tenant
B. security domain
C. primary Cisco APIC
D. managed object class

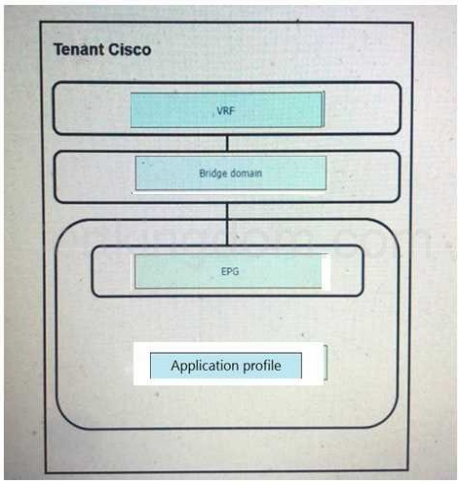
Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/Security_config/b_Cisco_APIC_Security_Configuration_Guide/b_Cisco_APIC_Security_Guide_chapter_01011.html

QUESTION 9
DRAG DROP
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.



Answer:



Explanation:

QUESTION 10
Which feature dynamically assigns or modifies the EPG association of virtual machines based on their attributes?

A. vzAny contracts
B. standard contracts
C. application EPGs
D. uSeg EPGs

Answer: D

Explanation:

QUESTION 11
Which feature allows firewall ACLs to be configured automatically when new endpoints are attached to an EPG?

A. ARP gleaning
B. dynamic endpoint attach
C. hardware proxy
D. network-stitching

Answer: B

Explanation:

QUESTION 12
An engineer is implementing Cisco ACI at a large platform-as-a-service provider using APIC controllers, 9396PX leaf switches, and 9336PQ spine switches. The leaf switch ports are configured as IEEE 802.1p ports. Where does the traffic exit from the EPG in IEEE 802.1p mode in this configuration?

A. from leaf ports tagged as VLAN 0
B. from leaf ports untagged
C. from leaf ports tagged as VLAN 4094
D. from leaf ports tagged as VLAN 1

Answer: A

Explanation:

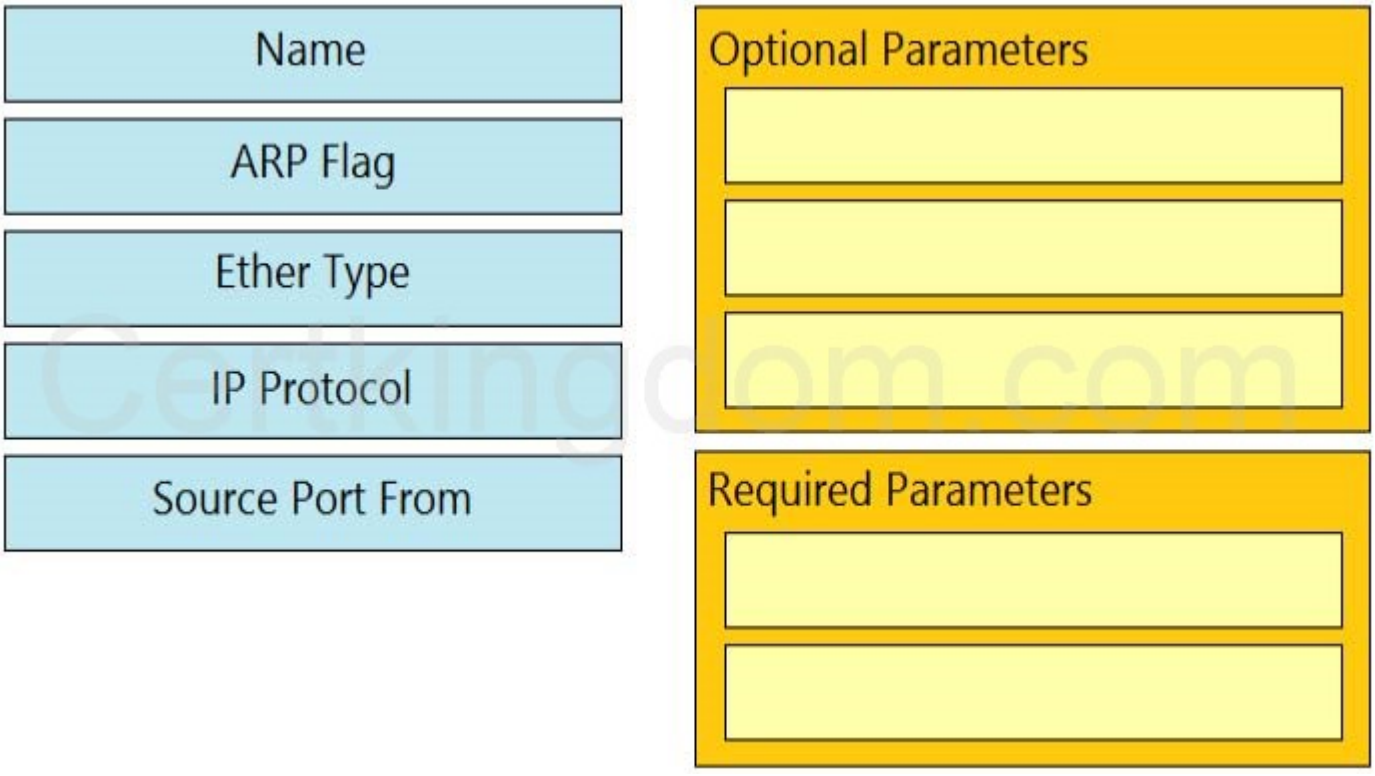
QUESTION 13
How is an EPG extended outside of the ACI fabric?

A. Create an external bridged network that is assigned to a leaf port.
B. Create an external routed network that is assigned to an EPG.
C. Enable unicast routing within an EPG.
D. Statically assign a VLAN ID to a leaf port in an EPG.

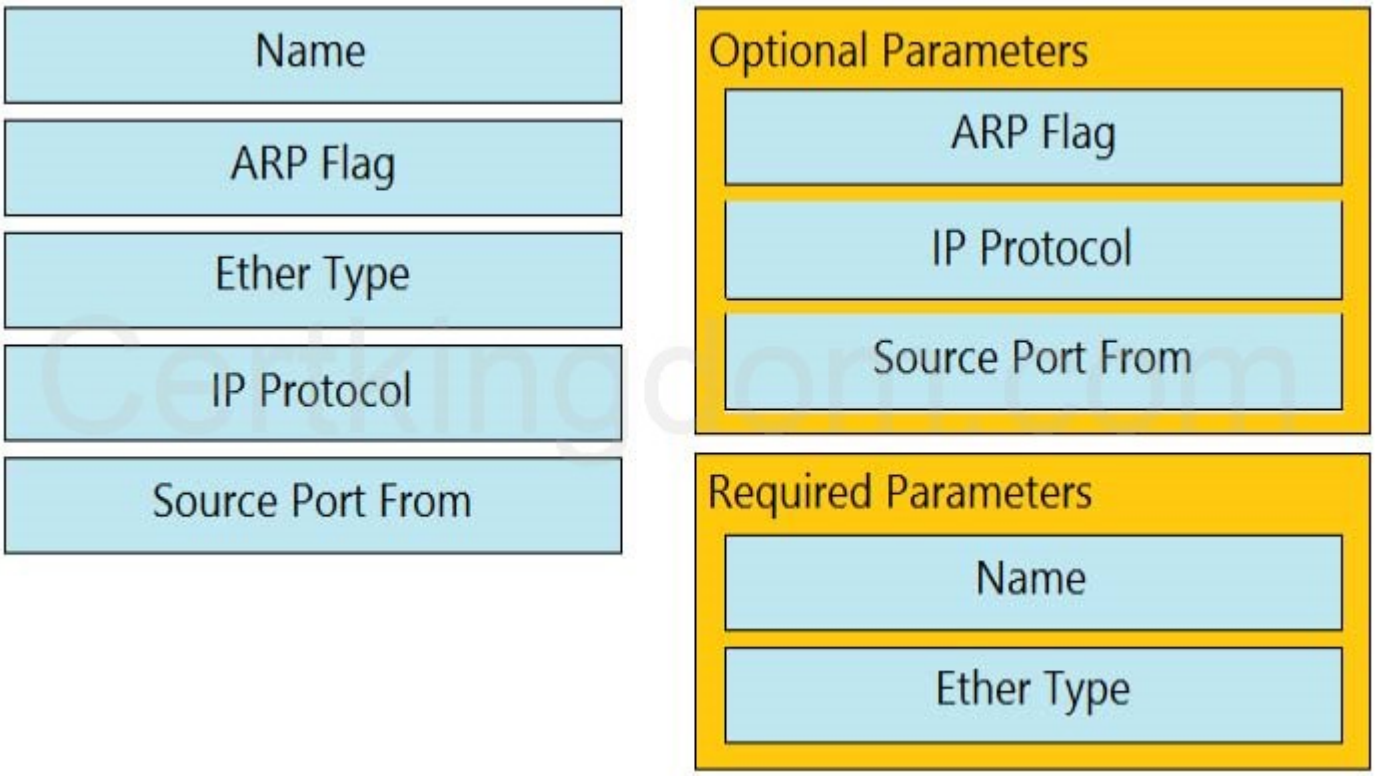
Answer: D

Explanation:
Reference: https://www.dclessons.com/l2-external-network-with-aci

QUESTION 14
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.



Answer:



Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/Operating_ACI/guide/ b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_01000.html

QUESTION 15
Where is the COOP database located?

A. leaf
B. spine
C. APIC
D. endpoint

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-centervirtualization/ application-centric- infrastructure/white-paper-c11-739989.html

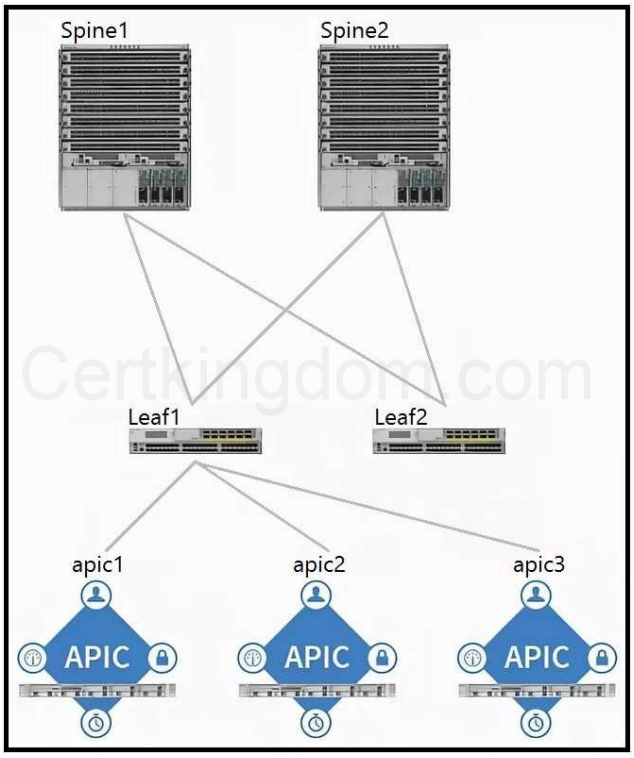
QUESTION 16
Which description regarding the initial APIC cluster discovery process is true?

A. The APIC uses an internal IP address from a pool to communicate with the nodes.
B. Every switch is assigned a unique AV by the APIC.
C. The APIC discovers the IP address of the other APIC controllers by using Cisco Discovery Protocol.
D. The ACI fabric is discovered starting with the spine switches.

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/acifundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_010011.html

QUESTION 17
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

Answer: AC

Explanation:

QUESTION 18
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

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/Operating_ACI/guide/ b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_0111.html

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QUESTION 19
What does a bridge domain represent?

A. Layer 3 cloud
B. Layer 2 forwarding construct
C. tenant
D. physical domain

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw-x/L2_config/ b_Cisco_APIC_Layer_2_Configuration_Guide/ b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html

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QUESTION 20
Which table holds IP address, MAC address and VXLAN/VLAN information on a Cisco ACI leaf?

A. endpoint
B. adjacency
C. RIB
D. ARP

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-centervirtualization/ application-centric- infrastructure/white-paper-c11-739989.html

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QUESTION 21
Which two types of interfaces are supported on border leaf switches to connect to an external router? (Choose two.)

A. subinterface with VXLAN tagging