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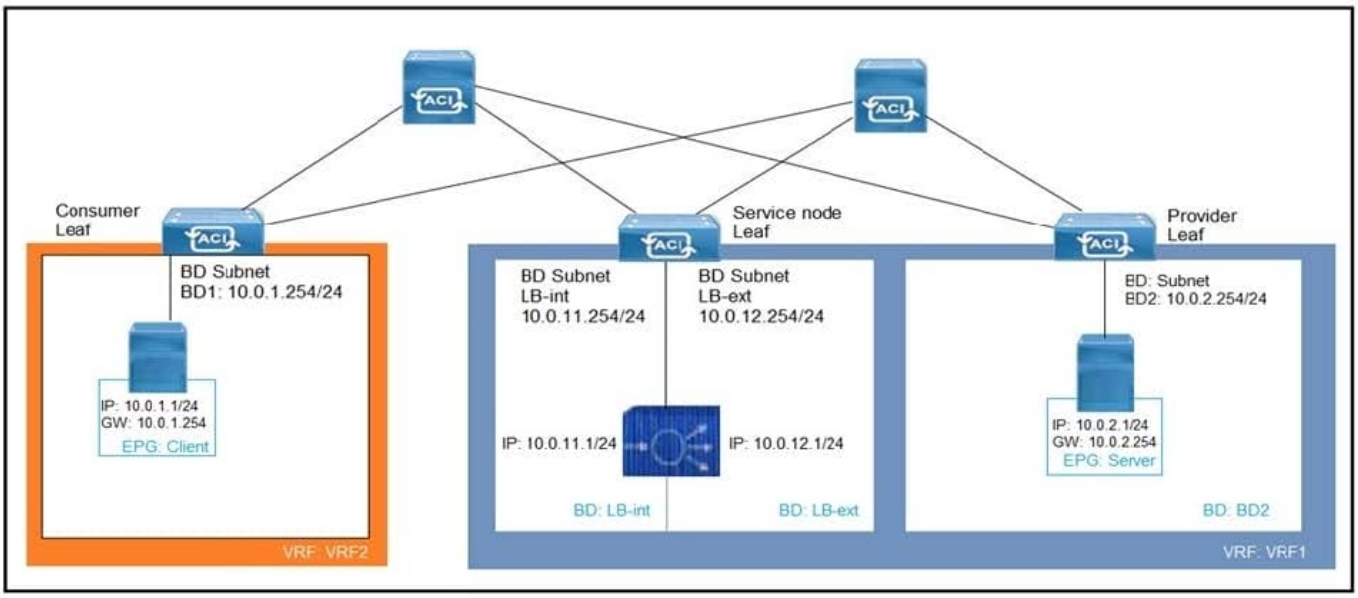
Vendor: Cisco

Exam Code:300-630

Exam Name: Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA)

Version: Demo

QUESTION 1



Refer to the exhibit. What must be configured to allow the PBR node (LB-int) to monitor the availability of the endpoint that is in the EPG server?

A. Endpoint Dataplane Learning

B. Unicast Route disabled for client and server bridge domains

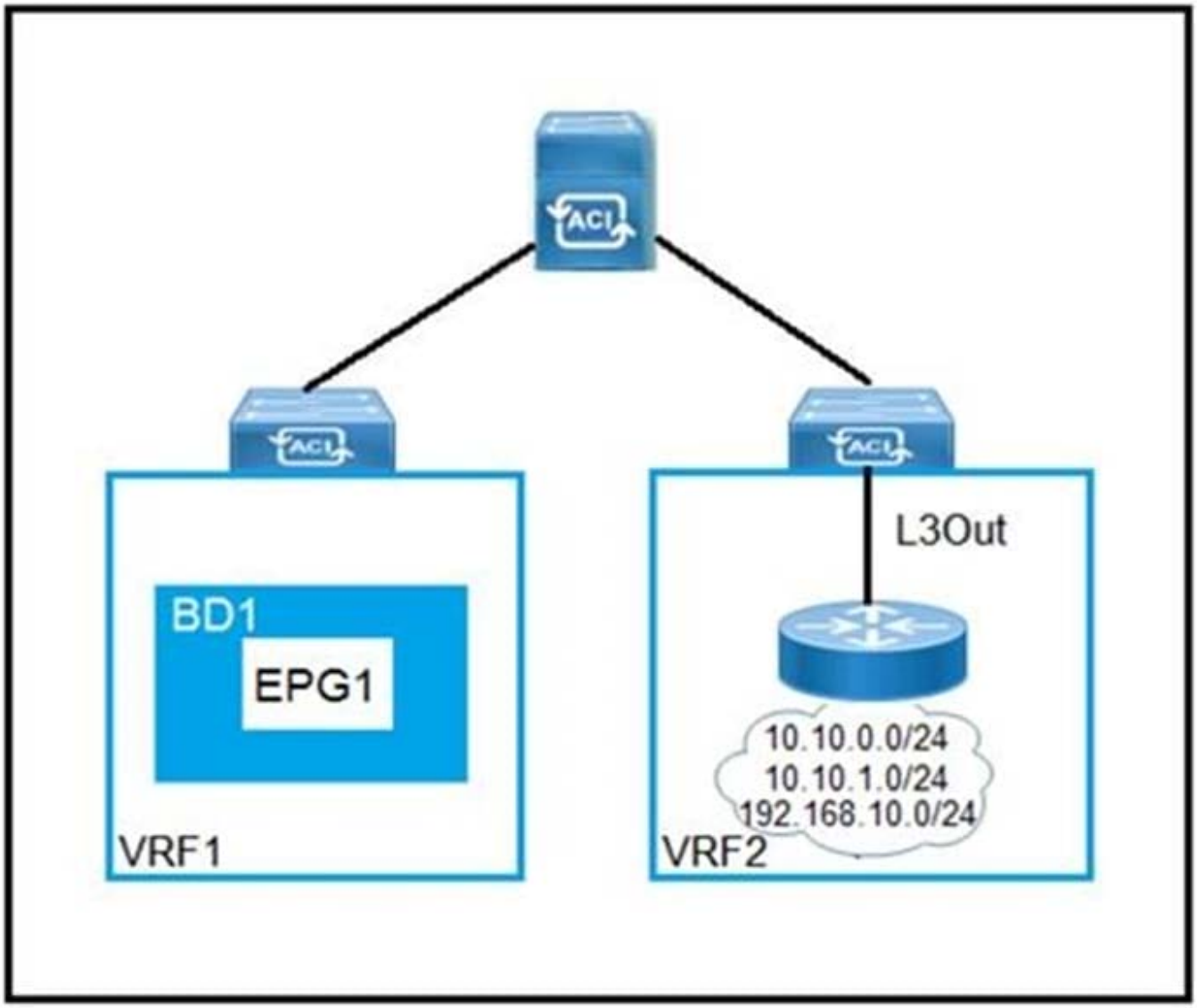
C. PBR node tracking

D. Direct Connect in the service graph template

Correct Answer: A

QUESTION 2

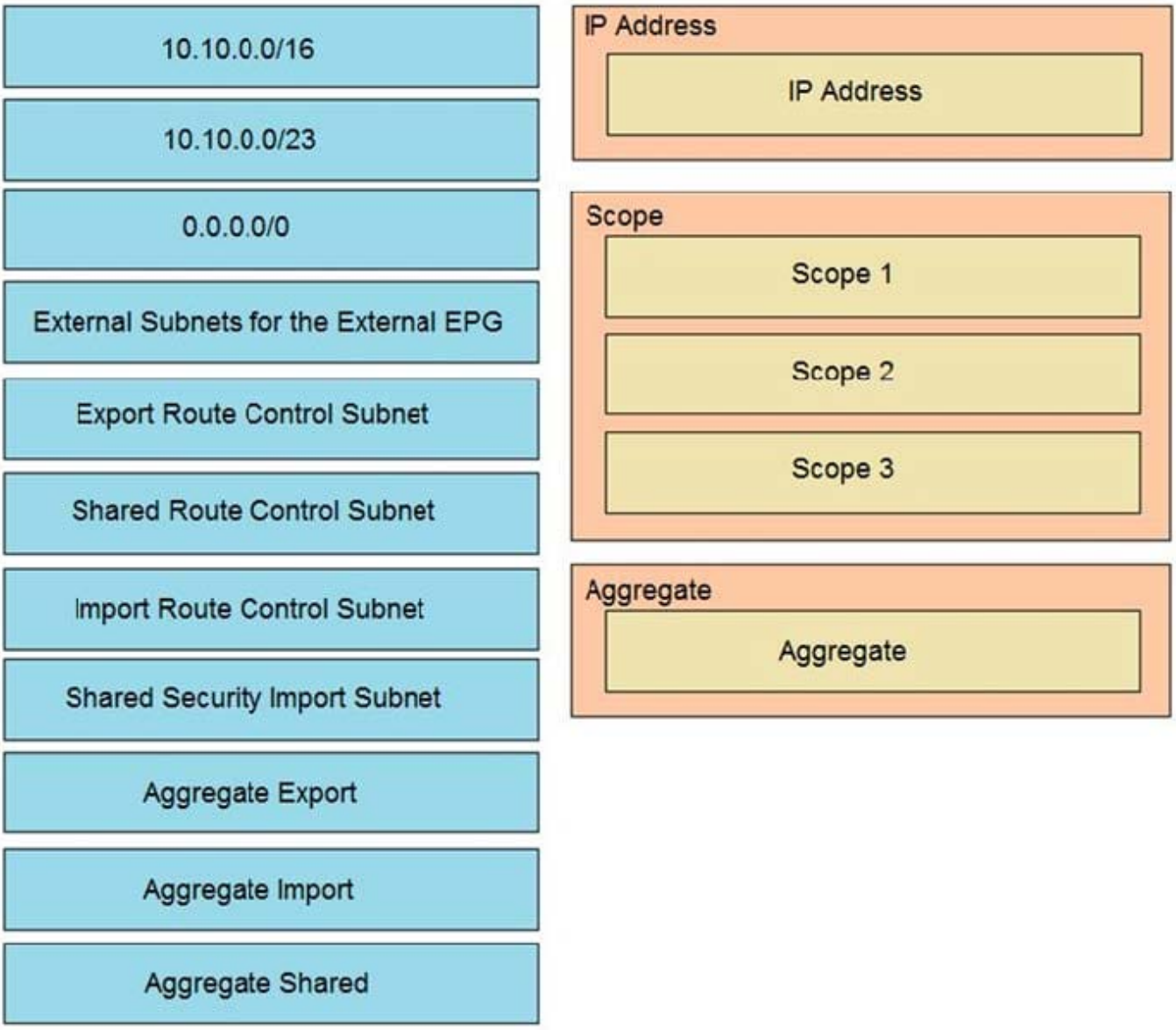
DRAG DROP



Refer to the exhibit. Drag and drop the subnets and flags from the left into the External Network Instance Profile policies on the right to create a setup that advertises only 10.10.0.0/24 and 10.10.1.0/24 prefixes in VRF1 and establishes connectivity between VRFs. Not all options are used.

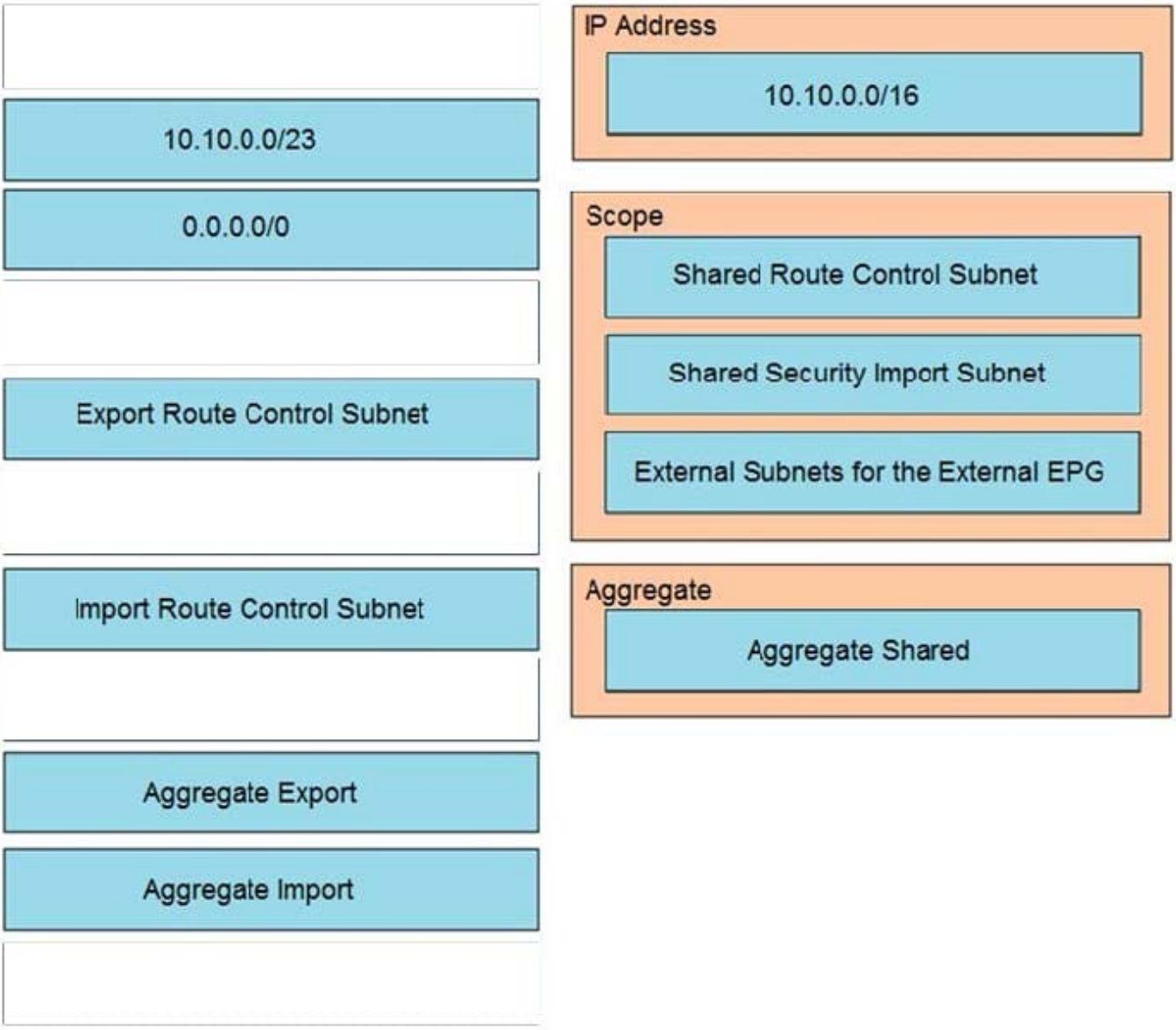
Select and Place:

Answer Area



Correct Answer:

Answer Area



QUESTION 3

A cloud provider must make a pair of firewalls available to all tenants. Each tenant defines its own service graph. Where should the Layer 4 to Layer 7 service be configured to accomplish this goal?

A. management tenant

B. infrastructure tenant

C. user tenant

D. common tenant

Correct Answer: C

QUESTION 4

An engineer creates the objects that must be deployed at each site in Cisco ACI Multi-Site Orchestrator. Which action should be taken before the schema can be associated with the newly configured site?

A. Attach the templates to the newly configured site

B. Configure a provider for the Cisco ACI Multi-Site Orchestrator

C. Import existing policies from an existing tenant to Cisco ACI Multi-Site Orchestrator

D. Configure the Infra Site-Specific Settings

Correct Answer: A

QUESTION 5

What is the purpose of the Forwarding Tag (FTAG) in Cisco ACI?

A. FTAG is used in Cisco ACI to add a label to the iVXLAN traffic in the fabric to apply the correct policy.

B. FTAG is used in Cisco ACI to add a label to the VXLAN traffic in the fabric to apply the correct policy.

C. FTAG trees in Cisco ACI are used to load balance unicast traffic.

D. FTAG trees in Cisco ACI are used to load balance mutli-destination traffic.

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_010010.html#concept_1E8BF286E1C043EF839D80935FDF9F50

QUESTION 6

What are two characteristics of Cisco ACI and Spanning Tree Protocol interaction? (Choose two.)

A. When a TCN BPDU is received in a VLAN, Cisco ACI flushes the endpoints for the associated encapsulation.

B. STP BPDUs are dropped due to MCP.

C. MST BPDUs are flooded correctly in Cisco ACI fabric without additional configuration.

D. BPDU filter and BPDU guard can be configured on Cisco ACI leaf edge ports.

E. Cisco ACI must be configured as the STP root for all VLANs.

Correct Answer: DE

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/aci_virtual_edge/configuration/1-x/b_Virtual_Edge_Config_Guide_1_2_2/b_Virtual_Edge_Config_Guide_1_2_2_chapter_0101.html

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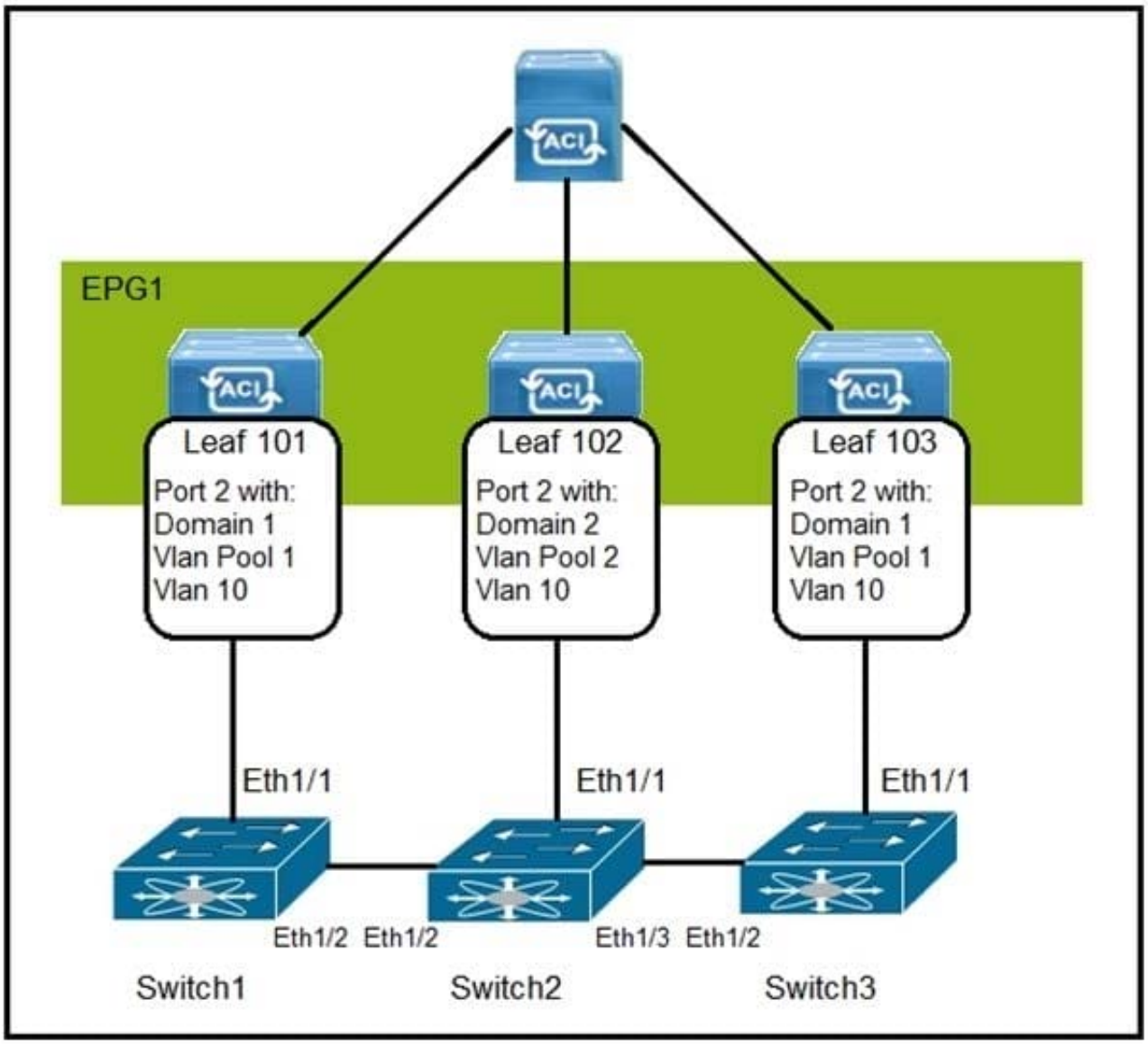
QUESTION 7



Refer to the exhibit. How are the STP BPDUs forwarded over Cisco ACI fabric?

A. STP BPDUs that are generated by Switch2 are received by Switch1 and Switch3.

B. Cisco ACI fabric drops all STP BPDUs that are generated by the external switches.

C. Cisco ACI acts as the STP root for all three external switches.

D. STP BPDUs that are generated by Switch1 are received only by Switch3.

Correct Answer: A

Reference: https://www.linkedin.com/pulse/cisco-aci-network-behaviour-stptcn-how-identify-loop-ankit-kulshresta

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QUESTION 8

Which two components must be configured as stretched to establish intra-VRF communication between two EPGs that are deployed in different sites and different bridge domains? (Choose two.)

A. contract

B. tenant

C. application profile

D. bridge domain

E. EPG

Correct Answer: DE

Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739609.html

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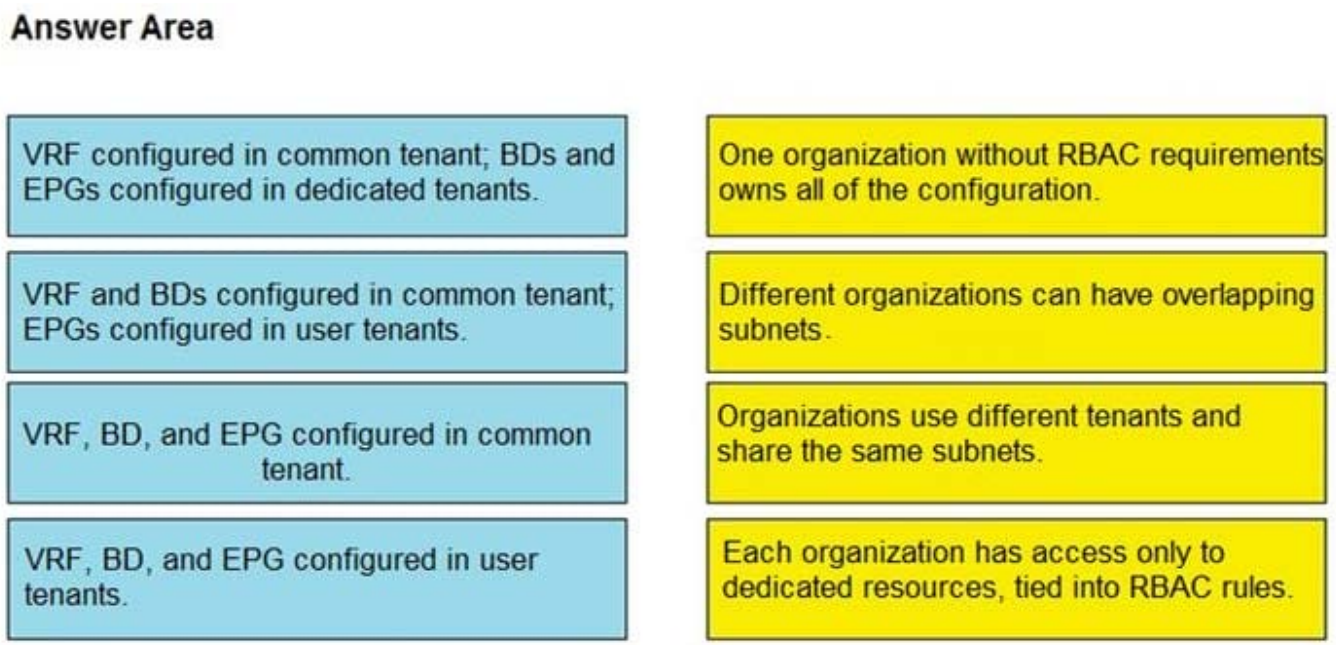
QUESTION 9

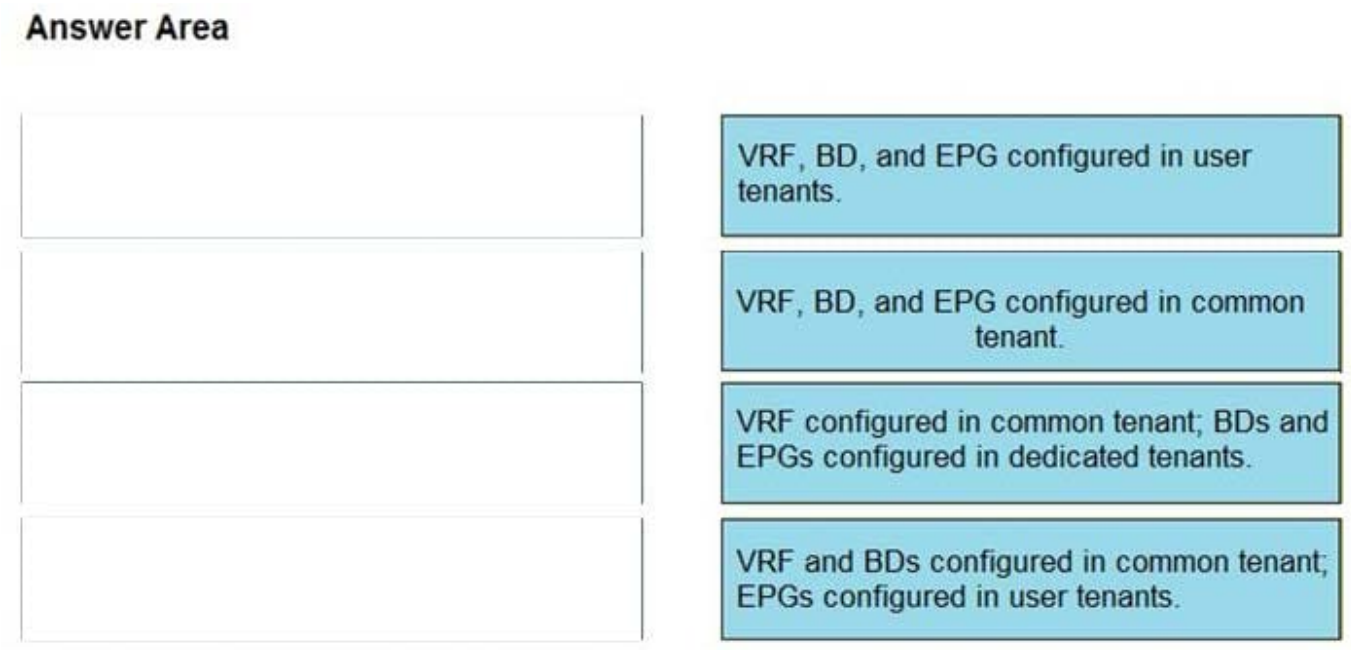
DRAG DROP

Drag and drop the tenant implementation designs from the left onto the outcomes of the design when a greenfield Cisco ACI fabric is deployed on the right.

Select and Place:



Correct Answer:



QUESTION 10

An engineer configures a Cisco ACI Multi-Pod for disaster recovery. Which action should be taken for the new nodes to be discoverable by the existing Cisco APICs?

A. Enable subinterfaces with dot1q tagging on all links between the IPN routers.

B. Configure IGMPv3 on the interfaces of IPN routers that face the Cisco ACI spine.

C. Enable DHCP relay on all links that are connected to Cisco ACI spines on IPN devices.

D. Configure BGP as the underlay protocol in IPN.

Correct Answer: B

QUESTION 11

Which two actions should be taken to ensure a scalable solution when multiple EPGs in a VRF require unrestricted communication? (Choose two.)

A. Configure a taboo contract between the EPGs that require unrestricted communication between each other.

B. Enable Preferred Group Member under the EPG Collection for VRF section.

C. Set the VRF policy control enforcement preference to Unenforced.

D. Set the EPGs that require unrestricted communication between each other as preferred group members.

E. Set the EPGs that require policy enforcement between each other as preferred group members.

Correct Answer: CD

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/basic-configuration/Cisco-APIC-Basic-Configuration-Guide-42x/Cisco-APIC-Basic-Configuration-Guide-42x_chapter_0110.html

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QUESTION 12

An organization expands a Cisco ACI Multi-Pod from two to six pods and must ensure that the control plane scales. What should be configured in the IPN to ensure that BUM traffic is forwarded efficiently across the IPN?

A. spine headend replication

B. BIDIR-PIM

C. MP-BGP

D. MSDP

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-737855.html