

Cisco.300-620.v2022-10-01.q122

Exam Code:	300-620
Exam Name:	Implementing Cisco Application Centric Infrastructure
Certification Provider:	Cisco
Free Question Number:	122
Version:	v2022-10-01
# of views:	1324
# of Questions views:	1220
https://www.dumpsdb.com/dumps/Cisco/300-620/Cisco.300-620.v2022-10-01.q122	

NEW QUESTION: 1

Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

- A. The source MAC and IP address of the traffic is learned as a local endpoint.
- B. The source MAC address of the traffic is learned as a remote endpoint.
- C. No source MAC or IP address of the traffic is learned as a remote endpoint.
- D. The source IP address of the traffic is learned as a remote endpoint.

Answer: D ([LEAVE A REPLY](#))

Reference:

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

NEW QUESTION: 2

A customer implements RBAC on a Cisco APIC using a Windows RADIUS server that is configured with network control policies. The APIC is as follows:

Tenant = TenantX

Security Domain = TenantX-SD

User = X

The customer requires User X to have access to TenantX only, without any extra privilege in the Cisco ACI fabric domain. Which Cisco AV pair must be implemented on the RADIUS server to meet these requirement?

- A. shell:domains = TenantX-SD/fabric-admin/,common//read-all
- B. shell:domains = TenantX-SD/tenant-admin
- C. shell:domains = TenantX-SD/tenant-ext-admin/,common//read-all
- D. shell:domains = TenantX-SD/tenant-admin/,common//read-all

Answer: ([SHOW ANSWER](#)**)**

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/Security_config/b_Cisco_APIC_Security_Guide/b_Cisco_APIC_Security_Guide_chapter_0100.html
Configuring an AV Pair on the External Authentication Server

The numerical value within the parentheses in the attribute/value (AV) pair string is used as the UNIX user ID of the user who is logged in using Secure Shell (SSH) or Telnet.

Procedure

Configure an AV pair on the external authentication server. The Cisco AV pair definition is as follows (Cisco supports AV pa

Example:

```
* shell:domains = domainA/writeRole1|writeRole2|writeRole3/readRole1|readRole2,domainB/writeRole1|writeRole2|wri
* shell:domains = domainA/writeRole1|writeRole2|writeRole3/readRole1|readRole2,domainB/writeRole1|write
```

These are the boost regexes supported by APIC:

```
uid_regex("shell:domains\\s*[:]=]\\s*((\\s+?|\\s*?/\\s*?)(,\\s+?|\\s*?/\\s*?){0,31})(\\s+(\\d+\\s*))$");
regex("shell:domains\\s*[:]=]\\s*((\\s+?|\\s*?/\\s*?)(,\\s+?|\\s*?/\\s*?){0,31})$");
```

The following is an example:

```
shell:domains = coke/tenant-admin/read-all,pepsi//read-all(16001)
```

NEW QUESTION: 3

Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

- A. The source MAC and IP address of the traffic is learned as a local endpoint.
- B. The source IP address of the traffic is learned as a remote endpoint.
- C. The source MAC address of the traffic is learned as a remote endpoint.
- D. No source MAC or IP address of the traffic is learned as a remote endpoint.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 4

Which new construct must a user create when configuring in-band management?

- A. VLAN pool
- B. management contract
- C. management tenant
- D. bridge domain

Answer: A (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Configuring_Static_Management_Access.html

NEW QUESTION: 5

On which two interface types should a user configure storm control to protect against broadcast traffic?

(Choose two.)

- A. endpoint-facing trunk interface
- B. port channel on a single leaf switch

- C. fabric uplink interfaces on the leaf switches
- D. APIC facing interfaces
- E. all interfaces on the leaf switches in the fabric

Answer: (SHOW ANSWER)

NEW QUESTION: 6

The existing network and ACI fabric have been connected to support workload migration. Servers will physically terminate at the Cisco ACI, but their gateway must stay in the existing network. The solution needs to adhere to Cisco's best practices. The engineer started configuring the relevant Bridge Domain and needs to complete the configuration. Which group of settings are required to meet these requirements?

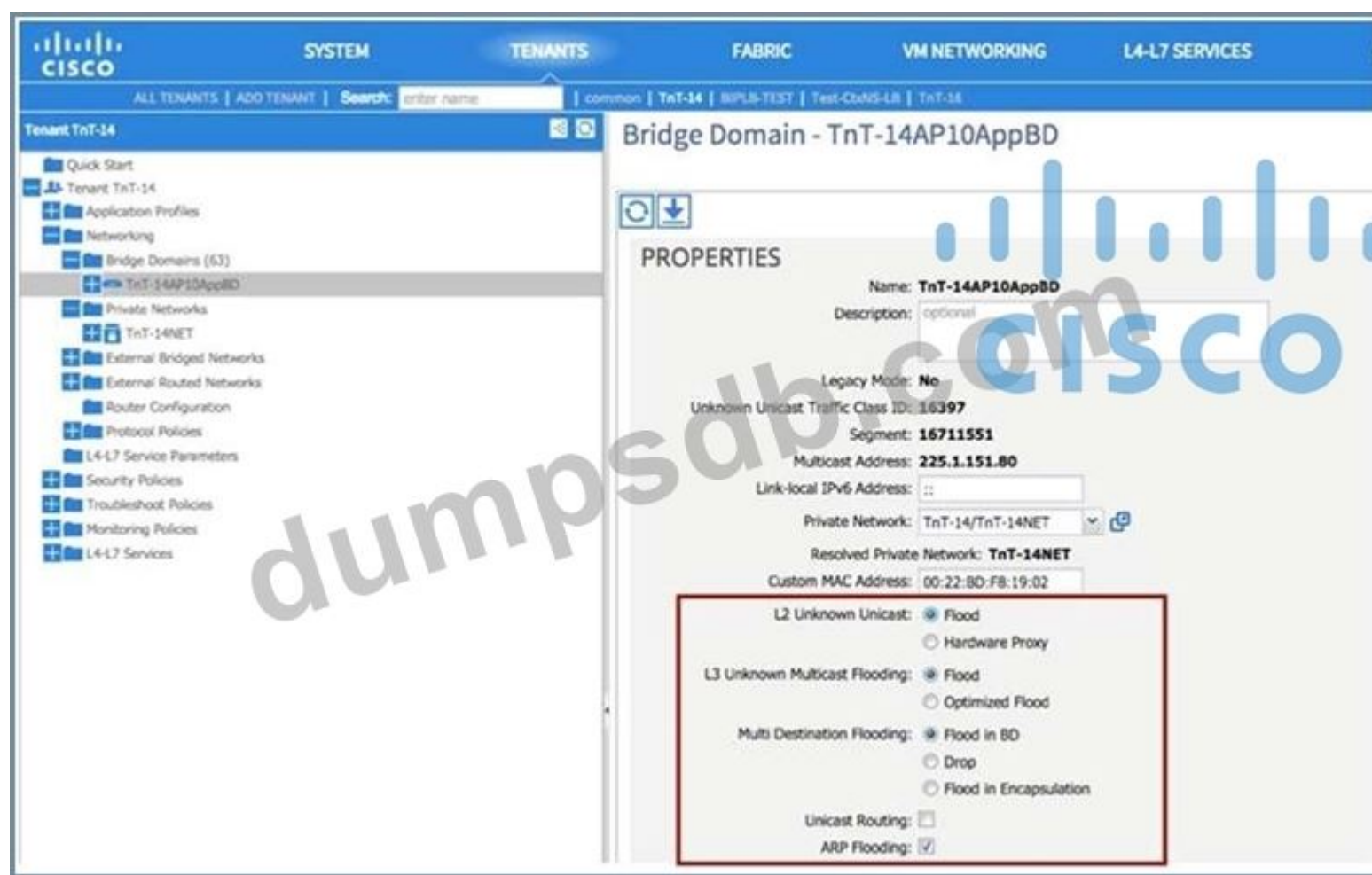
- A. L2 Unknown Unicast: Hardware Proxy
L3 Unknown Multicast Flooding: Flood
Multi Destination Flooding: Flood in BD
ARP Flooding: Enable
- B. L2 Unknown Unicast: Flood
L3 Unknown Multicast Flooding: Flood
Multi Destination Flooding: Flood in BD
ARP Flooding: Enable
- C. L2 Unknown Unicast: Flood
L3 Unknown Multicast Flooding: Optimize Flood
Multi Destination Flooding: Flood in BD
ARP Flooding: Disable
- D. L2 Unknown Unicast: Hardware Proxy
L3 Unknown Multicast Flooding: Optimize Flood
Multi Destination Flooding: Flood in BD
ARP Flooding: Disable

Answer: B (LEAVE A REPLY)

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/migration_guides/migrating_existing_networks_to_aci.html

Default Gateway Migration Considerations

The default gateway used by the workloads to establish communication outside their IP subnet is initially maintained in the Brownfield network; this implies that the ACI fabric initially provides only Layer 2 services for devices part of EPG1, and the workloads already migrated to the ACI fabric send traffic to the Brownfield network when they need to communicate with devices external to their IP subnet (shown in the following diagram).



NEW QUESTION: 7

An engineer wants to filter the System Faults page and view only the active faults that are present in the Cisco ACI fabric. Which two lifecycle stages must be selected for filtering? (Choose two.)

- A. Raised
- B. Retaining
- C. Soaking, Clearing
- D. Raised, Clearing
- E. Soaking

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/all/faults/guide/b_APIIC_Faults_Errors/b_IFC_Faults_Errors_chapter_01.html

NEW QUESTION: 8

In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

- A. Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site.
- B. Endpoint information is not exchanged across sites unless COOP protocol is used.
- C. Endpoint information is exchanged across sites when the endpoints are discovered in both sites.

D. Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 9

Which setting prevents the learning of Endpoint IP addresses whose subnet does not match the bridge domain subnet?

- A. "Limit IP learning to network" setting within the bridge domain.
- B. "Limit IP learning to subnet" setting within the EPG.
- C. "Limit IP learning to network" setting within the EPG.
- D. "Limit IP learning to subnet" setting within the bridge domain.

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html

NEW QUESTION: 10

An engineer configured a bridge domain with the hardware-proxy option for Layer 2 unknown unicast traffic. Which statement is true about this configuration?

- A. The leaf switch forwards the Layers 2 unknown unicast packets to all other leaf switches if it is unable to find the MAC address in its local forwarding tables.
- B. The Layer 2 unknown hardware proxy lacks support of the topology change notification.
- C. The leaf switch drops the Layer 2 unknown unicast packet if it is unable to find the MAC address in the local forwarding tables.
- D. The spine switch drops the Layer 2 unknown unicast packet if it is unable to find the MAC address in the proxy database.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

When does the Cisco ACI leaf learn a source IP or MAC as a remote endpoint?

- A. When VXLAN traffic arrives on a leaf fabric port from the spine and inner source IP is in the bridge domain subnets range.
- B. When VXLAN traffic arrives on a leaf fabric port from the spine and inner source IP is in the Layer 3 Out EPG subnet range.
- C. When VXLAN traffic arrives on a leaf fabric port from the spine and outer source IP is in the bridge domain subnets range.
- D. When VXLAN traffic arrives on a leaf fabric port from the spine and outer source IP is in the Layer 3 Out EPG subnet range.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

An engineer must configure RADIUS authentication with Cisco ACI for remote authentication with out-of-band management access. Drag and drop the RADIUS configuration steps from the left into the required implementation order on the right. Not all steps are used.

Specify and set the Cisco APIC connectivity preferences to ooband

Create the RADIUS provider group

Set the Cisco APIC connectivity preferences to ooband

Create the login domain for RADIUS

Set the Cisco APIC connectivity preferences to inband

Create the RADIUS provider

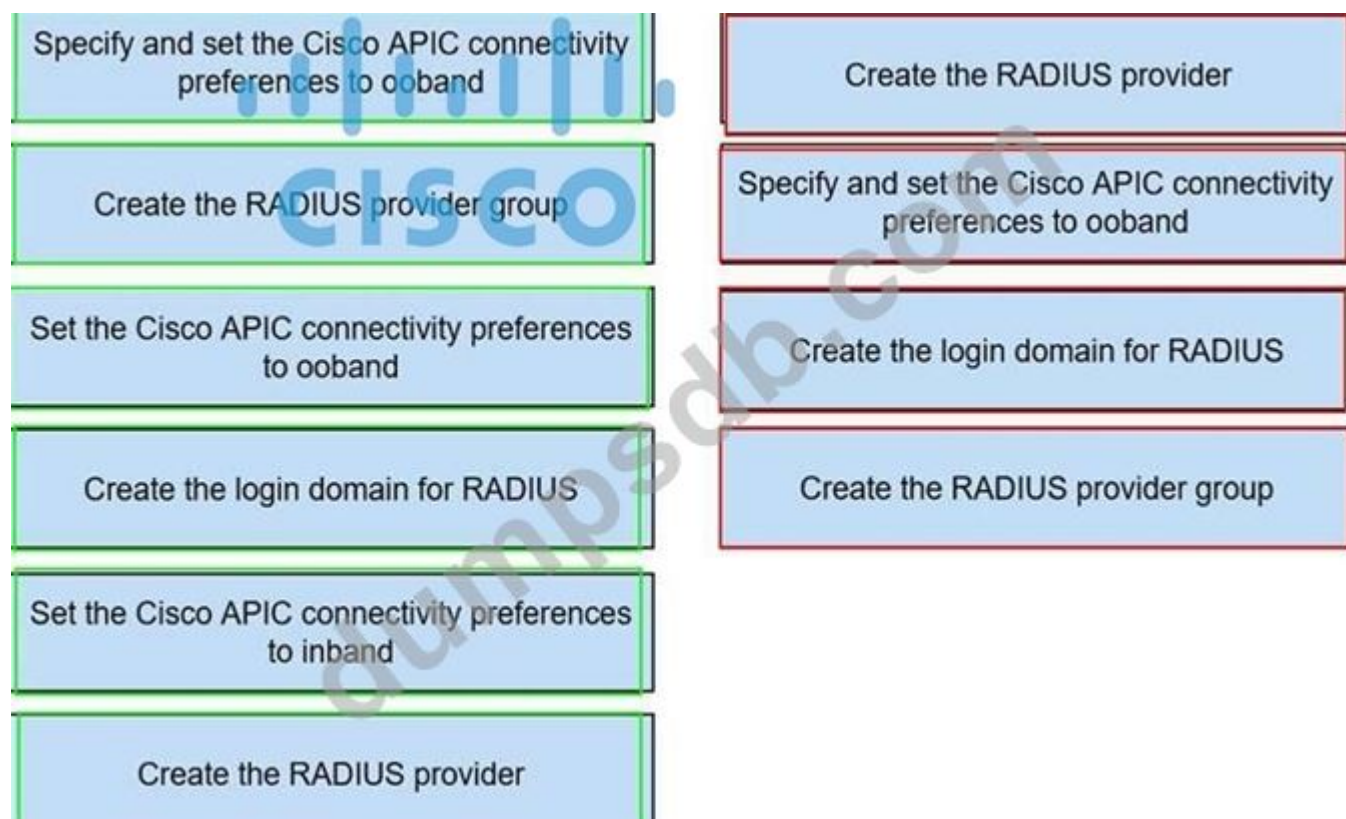
step 1

step 2

step 3

step 4

Answer:



NEW QUESTION: 13

Which statement regarding ACI Multi-Pod and TEP pool is true?

- A. The IP addresses used in the IPN network can overlap TEP pool of the APIC.
- B. The same TEP pool is used in all Pods.
- C. A different TEP pool must be assigned to each Pod.
- D. The Pod1 TEP pool must be split and a portion of the TEP pool allocated to each Pod.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 14

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 ([LEAVE A REPLY](#))

Section: ACI Fabric Infrastructure

NEW QUESTION: 15

An engineer is extending an EPG out of the ACI fabric using static path binding. Which statement about the endpoints is true?

- A. Endpoints must connect directly to the ACI leaf port.
- B. External endpoints are in a different bridge domain than the endpoints in the fabric.
- C. Endpoint learning encompasses the MAC address only.
- D. External endpoints are in the same EPG as the directly attached endpoints.

Answer: C ([LEAVE A REPLY](#))

Section: ACI Packet Forwarding

NEW QUESTION: 16

Refer to the exhibit.

Virtual Switch Name: Lab-VirtualSwitch

Virtual Switch: VMware vSphere Distributed Switch | Cisco AVS | Cisco AVE

Associated Attachable Entity Profile: Lab-ApplicationAttachableAccessEn

Delimiter:

Enable Tag Collection:

Access Mode: Read Only Mode | Read Write Mode

Endpoint Retention Time (seconds): 0

VLAN Pool: select an option

Security Domains:

Name	Description
------	-------------

An engineer is integrating a VMware vCenter with Cisco ACI VMM domain configuration. ACI creates port-group names with the format of "Tenant | Application | EPG". Which configuration option is used to generate port groups with names formatted as "Tenant=Application=EPG"?

- A. delimiter
- B. security domains
- C. virtual switch name
- D. enable tag collection

Answer: A ([LEAVE A REPLY](#))

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 17

Which statement about ACI syslog is true or Which statement describes the ACI syslog?

- A. Notifications for different scopes of syslog objects can be sent only to one destination.
- B. Switches send syslog messages directly to the destinations.
- C. All syslog messages are sent to the destination through APIC.
- D. Syslog messages are sent to the destination through the spine.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 18

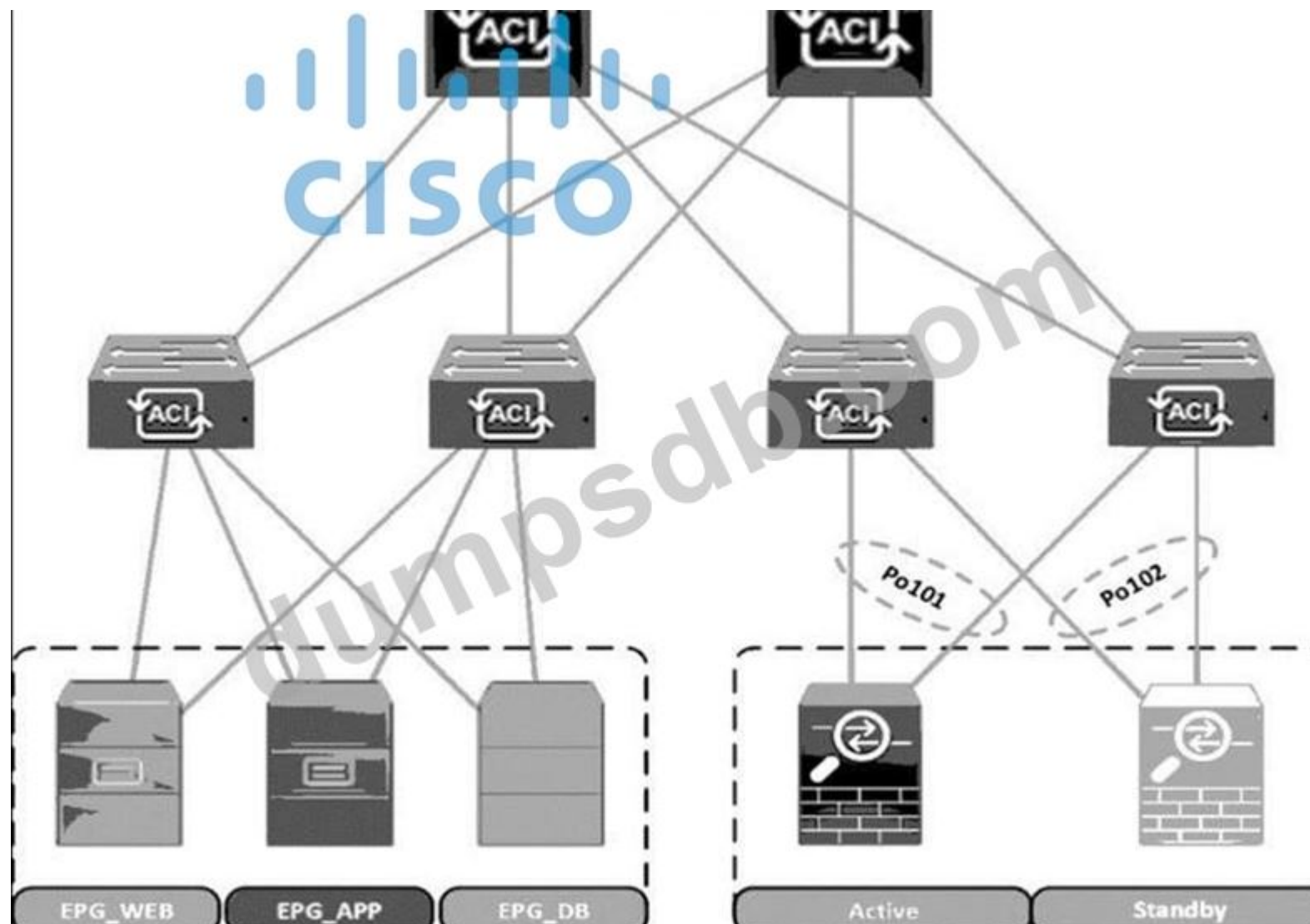
An engineer is implementing Cisco ACI at a large platform-as-a-service provider using APIC controllers, 9396PX leaf switches, and 9336PQ spine switches. The leaf switch ports are configured as IEEE 802.1p ports. Where does the traffic exit from the EPG in IEEE 802.1p mode in this configuration?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

Refer to the exhibit.



A Cisco ACI fabric is newly deployed, and the security team requires more visibility of all inter-EPG traffic flows. All traffic in a VRF must be forwarded to an existing firewall pair. During failover, the standby firewall must continue to use the same IP and MAC as the primary firewall. Drag and drop the steps from the left into the Implementation order on the right to configure the service graph that meets the requirements. (Not all steps are used.)

Apply a service graph template and select vzAny EPG as the consumer and provider.	Step 1
Select a redirect policy with the Layer 3 destination.	Step 2
Create a Layer 4 to Layer 7 service graph template.	Step 3
Select a redirect policy with enabled anycast and the Layer 3 destination.	Step 4
Select the same cluster interface under Consumer Connector and Provider Connector.	Step 5
Create a service bridge domain and a Layer 4 to Layer 7 device with one cluster interface.	Step 6
Select the existing contract with custom IP EtherType filter.	

Answer:

Apply a service graph template and select vzAny EPG as the consumer and provider.	Create a service bridge domain and a Layer 4 to Layer 7 device with one cluster interface.
Select a redirect policy with the Layer 3 destination.	Create a Layer 4 to Layer 7 service graph template.
Create a Layer 4 to Layer 7 service graph template.	Select a redirect policy with the Layer 3 destination.
Select a redirect policy with enabled anycast and the Layer 3 destination.	Select a redirect policy with enabled anycast and the Layer 3 destination.
Select the same cluster interface under Consumer Connector and Provider Connector.	Select the same cluster interface under Consumer Connector and Provider Connector.
Create a service bridge domain and a Layer 4 to Layer 7 device with one cluster interface.	Select the existing contract with custom IP EtherType filter.
Select the existing contract with custom IP EtherType filter.	

Explanation

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/L4-L7_Services_Deployment/guide/b

* Create a service bridge domain and a layer 4 to layer 7 device within one cluster interface.

NEW QUESTION: 20

A Cisco ACI is integrated with a VMware vSphere environment. The port groups must be created automatically in vSphere and propagated to hypervisors when created in the ACI environment. Which action accomplishes this goal?

- A. Create the port groups on the vCenter that reflect the EPG names in the APIC.
- B. Assign the uplinks of the ESXi hosts to the vDS that the APIC created.
- C. Associate the VMM domain with the EPGs that must be available in vCenter.
- D. Configure contracts for the EPGs that are required on the ESXi hosts.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 21

Edit Stats Threshold

transmit B2B credit cumulative

Normal Value:


Threshold Direction: Both Rising Falling

Rising Thresholds to Config:

- Critical
- Major
- Minor
- Warning

Rising

	Set		Reset
Critical	<input type="text" value="500"/>		<input type="text"/>
Major			
Minor			
Warning	<input type="text" value="400"/>		<input type="text" value="300"/>



Refer to the exhibit. A client reports that the ACI domain connectivity to the fiber channel storage is experiencing a B2B credit oversubscription. The environment has a SYSLOG server for state collection messages. Which value should be chosen to clear the critical fault?

- A. 300
- B. 410
- C. 350
- D. 510

Answer: B (LEAVE A REPLY)

Section: ACI Management

NEW QUESTION: 22

Which tenant is used when configuring in-band management IP addresses for Cisco APICs, leaf nodes, and spine nodes?

- A. default
- B. mgmt
- C. infra
- D. common

Answer: B (LEAVE A REPLY)

NEW QUESTION: 23

An engineer wants to filter the System Faults page and view only the active faults that are present in the Cisco ACI fabric. Which two lifecycle stages must be selected for filtering? (Choose two.)

- A. Raised
- B. Retaining
- C. Soaking, Clearing
- D. Raised, Clearing
- E. Soaking

Answer: A,D (LEAVE A REPLY)

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

NEW QUESTION: 24

A customer implements RBAC on a Cisco APIC using a Windows RADIUS server that is configured with network control policies. The APIC is as follows:

Tenant = TenantX

Security Domain = TenantX-SD

User = X

The customer requires User X to have access to TenantX only, without any extra privilege in the Cisco ACI fabric domain. Which Cisco AV pair must be implemented on the RADIUS server to meet these requirement?

- A. shell:domains = TenantX-SD/tenant-admin
- B. shell:domains = TenantX-SD/tenant-admin/,common//read-all

C. shell:domains = TenantX-SD/tenant-ext-admin/,common//read-all

D. shell:domains = TenantX-SD/fabric-admin/,common//read-all

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

All workloads in VLAN 1001 have been migrated into EPG-1001. The requirement is to move the gateway address for VLAN 1001 from the core outside the Cisco ACI fabric into the Cisco ACI fabric. The endpoints in EPG-1001 must route traffic to endpoints in other EPGs and minimize flooded traffic in the fabric. Which configuration set is needed on the bridge domain to meet these requirements?

A. Enable Hardware Proxy Enable Unicast Routing

B. Disable ARP Flood Disable L2 Endpoint Learning

C. Enable Flood Enable Unicast Routing

D. Disable Local IP Learning Limit Disable Unicast Routing

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 26

What must be enabled in the bridge domain to have the endpoint table learn the IP addresses of endpoints?

A. unicast routing

B. subnet scope

C. L2 unknown unicast: flood

D. GARP based detection

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

What do Pods use to allow Pod-to-Pod communication in a Cisco ACI Multi-Pod environment?

A. over Layer 3 directly connected back-to-back spines

B. over Layer 3 Out connectivity via border leafs

C. over Layer 3 IPN connectivity via spines

D. over Layer 3 IPN connectivity via border leafs

Answer: C ([LEAVE A REPLY](#))

Reference:

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

From a physical perspective, the different Pods are interconnected by leveraging an "Inter-Pod Network" (IPN). Each Pod connects to the IPN through the spine nodes; the IPN can be as simple as a single Layer 3 device, or can be built with a larger Layer 3 network infrastructure, as it will be clarified in the "Inter-Pod Connectivity Deployment Considerations" section.

NEW QUESTION: 28

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

A. module

B. attachable entity

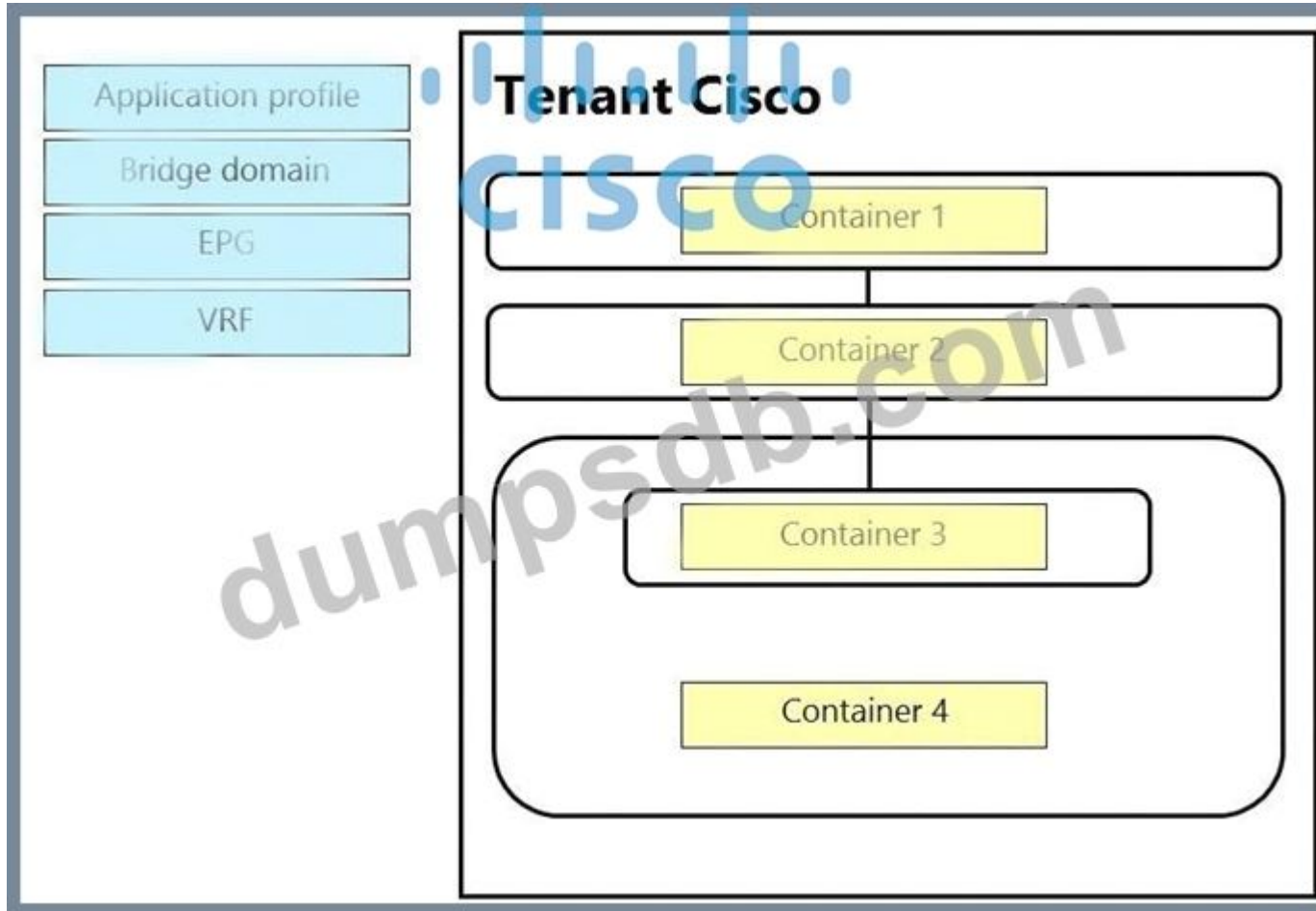
C. Pod

D. leaf interface

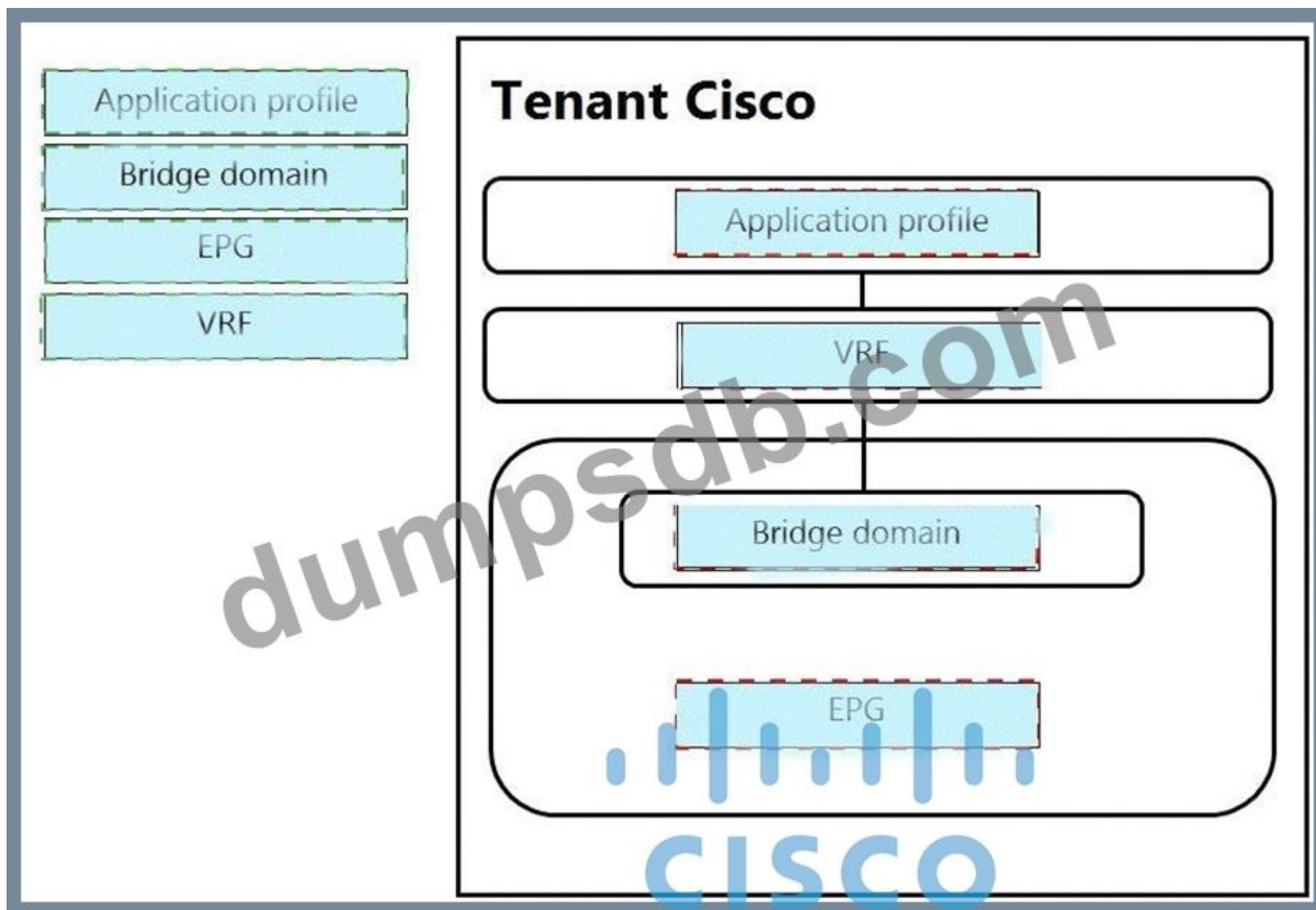
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 29

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.

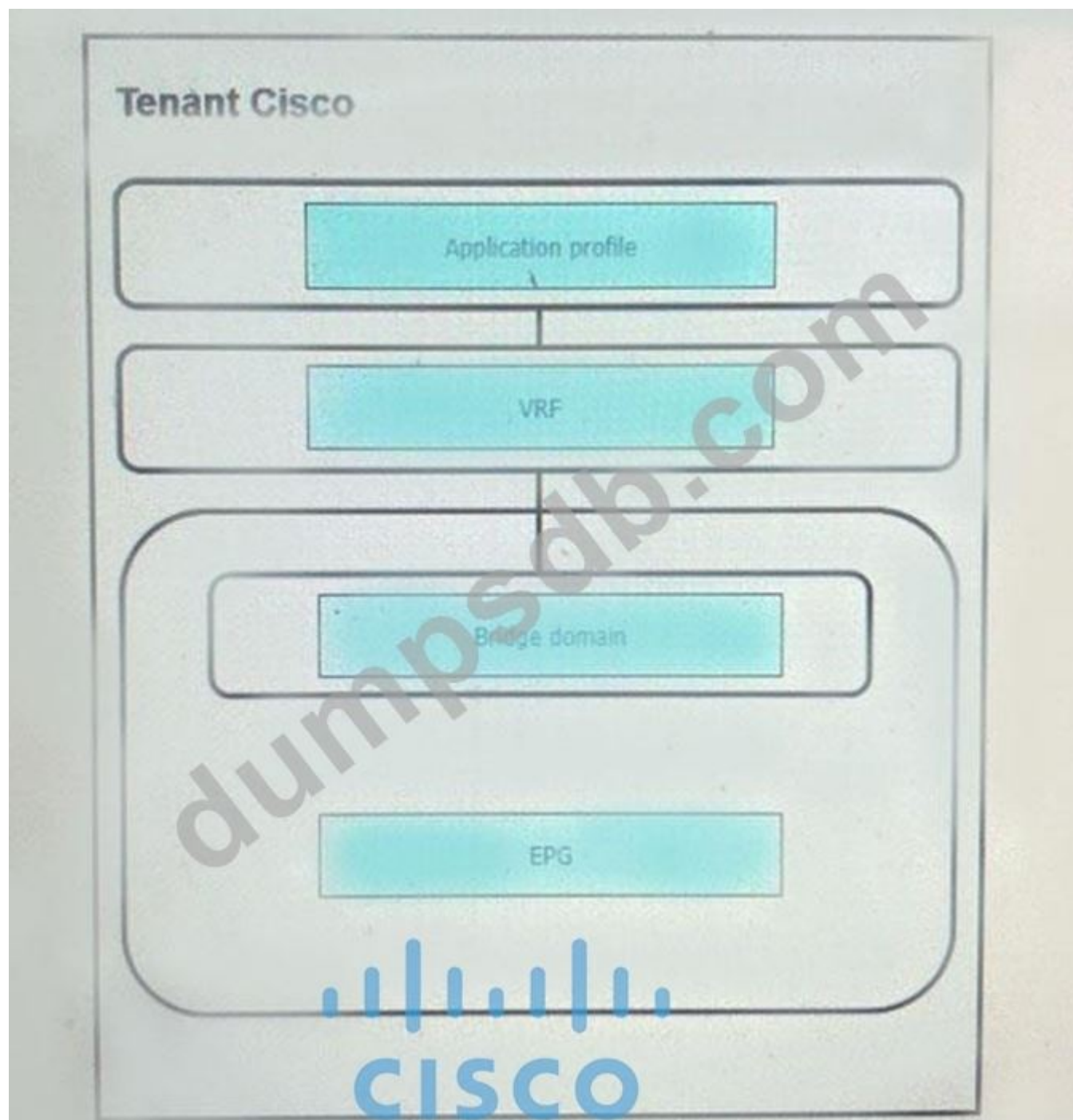


Answer:



Explanation

Application profile---> VRF--> Bridge Domain---> EPG



NEW QUESTION: 30

An engineer must implement management policy and data plane separation in the Cisco ACI fabric. Which ACI object must be created in Cisco APIC to accomplish this goal?

- A. Tenant
- B. Application profile
- C. Contract
- D. Bridge domain

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 31

What is the effect of enabling the disable Remote EP learn feature?

- A. It disables remote IP endpoint learning on all leaf nodes in the fabric.
- B. It disables remote IP endpoint learning on leaf switches that do not have L3Outs.
- C. It limits learning of compute leaf endpoints on border leaves.
- D. It prevents border leaf switches from receiving routes through peering with external routers.

Answer: A (LEAVE A REPLY)

<https://unofficialaciguide.com/2018/11/29/aci-best-practice-configurations/>

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 32

Which two components are essential parts of a Cisco ACI Virtual Machine Manager (VMM) domain policy configuration? (Choose two.)

- A. VMM domain profile
- B. EPG static port binding
- C. Layer 3 outside interface association
- D. IP address pool association
- E. EPG association

Answer: A,E (LEAVE A REPLY)

Explanation

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamenta

Virtual Machine Manager Domain Main Components

Cloud Fabric virtual machine manager (VMM) domains enable an administrator to configure connectivity policies for virtual machine controllers. The essential components of an ACI VMM domain policy include the following:

Virtual Machine Manager Domain Profile—Groups VM controllers with similar networking policy requirements. For example, VM controllers can share VLAN pools and application endpoint groups (EPGs). The APIC communicates with the controller to publish network configurations such as port groups that are then applied to the virtual workloads. The VMM domain profile includes the following essential components:

- **Credential**—Associates a valid VM controller user credential with an APIC VMM domain.
- **Controller**—Specifies how to connect to a VM controller that is part of a policy enforcement domain. For example, the controller specifies the connection to a VMware vCenter that is part a VMM domain.



Note

A single VMM domain can contain multiple instances of VM controllers, but they must be from the same vendor (for example, from VMware or from Microsoft).

EPG Association—Endpoint groups regulate connectivity and visibility among the endpoints within the scope of the VMM domain policy. VMM domain EPGs behave as follows:

- The APIC pushes these EPGs as port groups into the VM controller.
- An EPG can span multiple VMM domains, and a VMM domain can contain multiple EPGs.

Attachable Entity Profile Association—Associates a VMM domain with the physical network infrastructure. An attachable entity profile (AEP) is a network interface template that enables deploying VM controller policies on a large set of leaf switch ports. An AEP specifies which switches and ports are available, and how they are configured.

VLAN Pool Association—A VLAN pool specifies the VLAN IDs or ranges used for VLAN encapsulation that the VMM domain consumes.

NEW QUESTION: 33

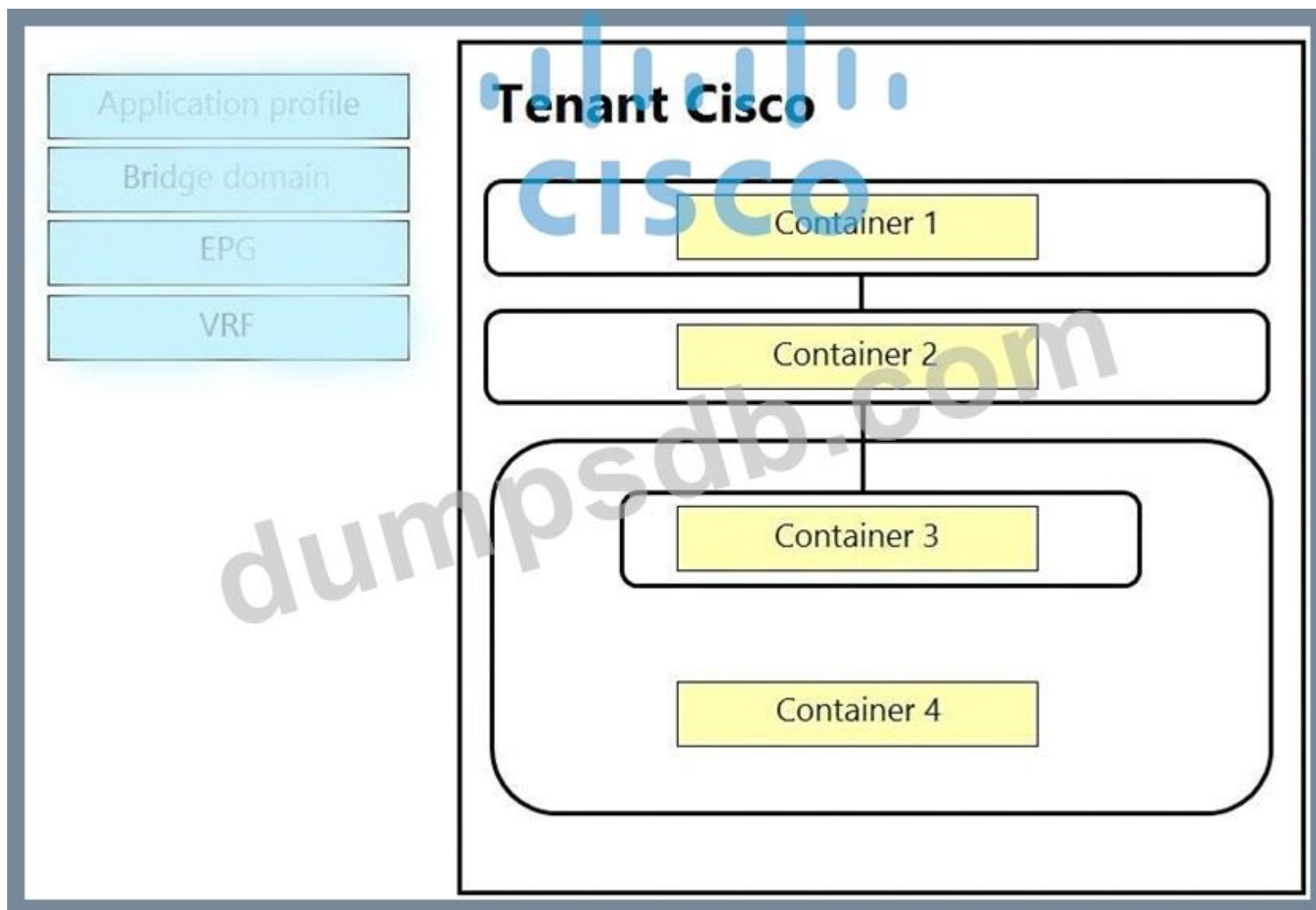
An engineer must configure a group of servers with a contract that uses TCP port 80. The EGP that contains the web servers requires an external Layer 3 cloud to initiate communication. Which action must be taken to meet these requirements?

- A. Configure a taboo contract and apply it to the EPG.
- B. Configure OSPF to exchange routes between the L3 out and EGP.
- C. Configure the EPG as a consumer and L3 out as a provider of the contract.
- D. Configure the EGP as a provider and L3 out as consumer of the contract.

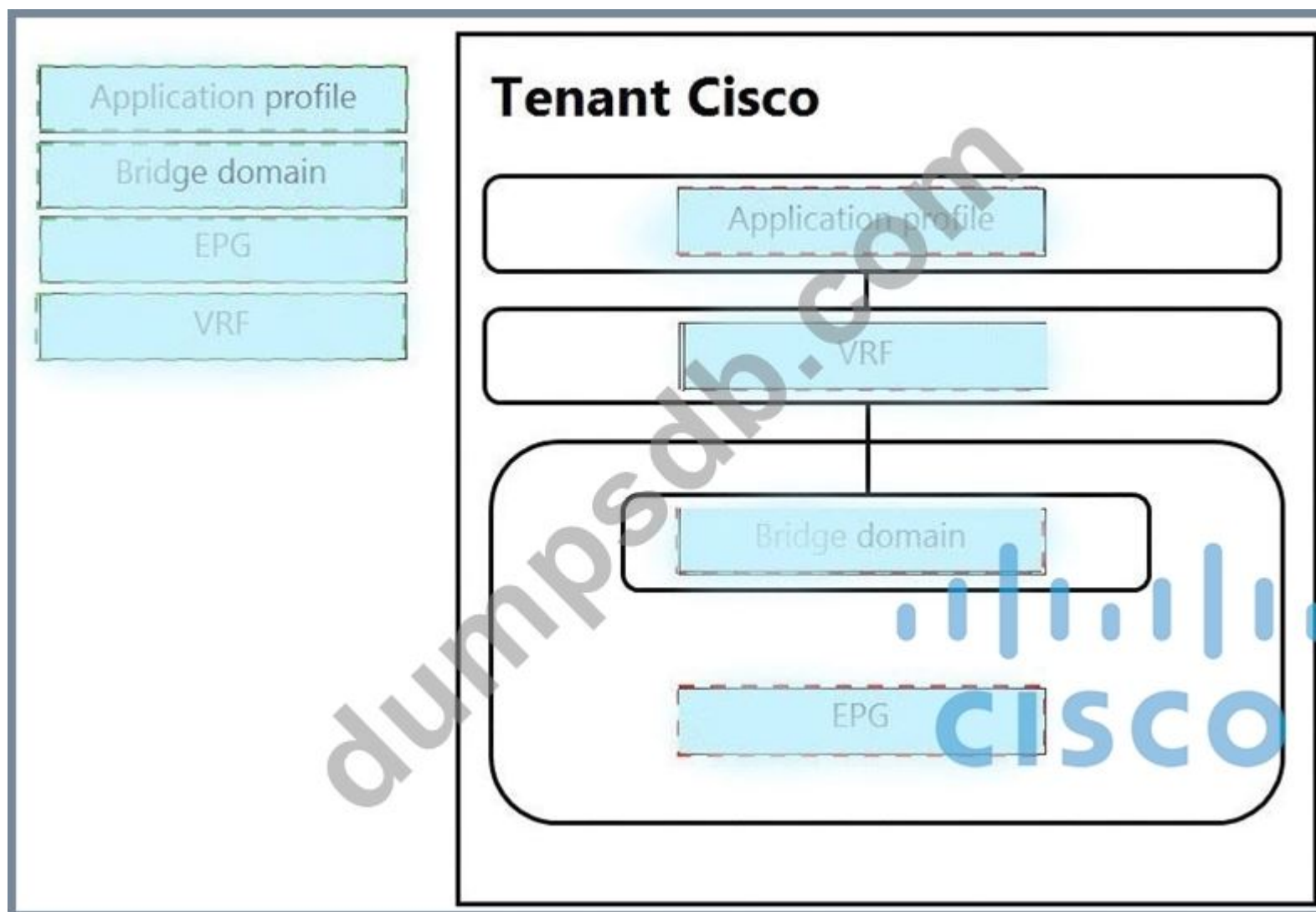
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

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.

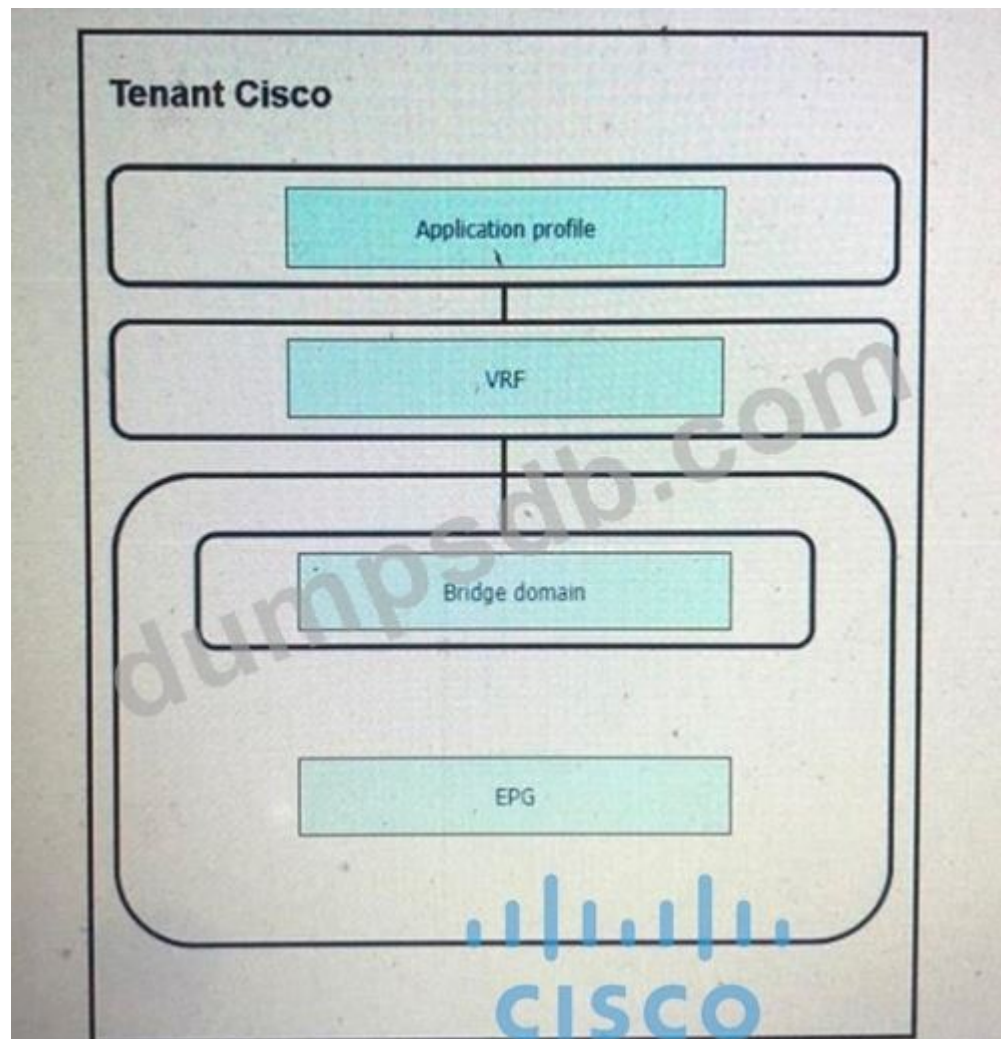


Answer:



Explanation

Application profile---> VRF--> Bridge Domain---> EPG



NEW QUESTION: 35

An engineer has set the VMM resolution immediacy to pre-provision in a Cisco ACI environment. No Cisco Discovery Protocol neighborhood has been formed between the hypervisors and the ACI fabric leaf nodes.

How does this affect the download policies to the leaf switches?

- A.** Policies are downloaded to the ACI leaf switch regardless of Cisco Discovery Protocol neighborhood.
- B.** Policies are downloaded when the hypervisor host is connected to the VMM VDS.
- C.** No policies are downloaded because LLDP is the only supported discovery protocol.
- D.** No policies are downloaded because there is no discovery protocol neighborhood.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 36

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.

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	Required Parameters
Source Port From	

Answer:

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	Required Parameters
Source Port From	

NEW QUESTION: 37

Refer to the exhibit.

The screenshot shows a configuration window for network connections. On the left is a navigation tree with folders like 'L4-L7', 'Service Parameters', 'Service Graph Templates', and 'Prod_to_Trans'. The main area contains two tables:

Terminate Nodes:		Name	Provider/Consumer
		T1	Consumer
		T2	Provider

Connections:	Name	Connected Nodes	Direct Connect	Unicast Route	Adjacency Type
	C1	N1, T1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	[Dropdown Menu]
	C2	N1, T2	False		

Buttons for 'Update' and 'Cancel' are visible at the bottom right of the dialog.

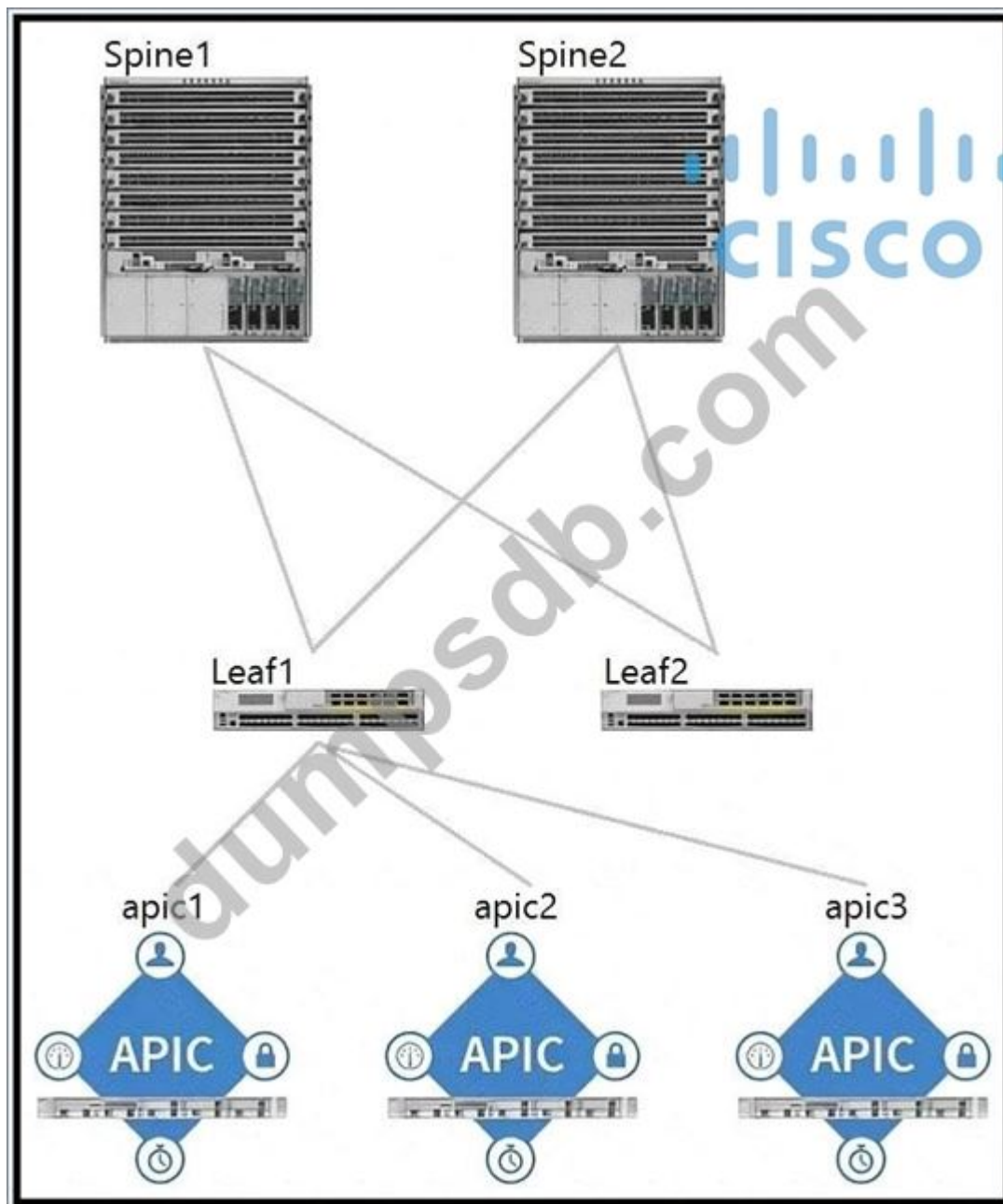
Which Adjacency Type value should be set when the client endpoint and the service node interface are in a different subnet?

- A. Unicast
- B. L3
- C. Routed
- D. L3Out

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

Refer to the exhibit.



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

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

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 39

Where is the COOP database located?

- A. APIC
- B. leaf
- C. spine

D. endpoint

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 40

Which statement about ACI syslog is true?

- A. Notifications for different scopes of syslog objects can be sent only to one destination.
- B. Syslog messages are sent to the destination through the spine.
- C. All syslog messages are sent to the destination through APIC.
- D. Switches send syslog messages directly to the destinations.

Answer: A ([LEAVE A REPLY](#))

Reference:

<https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2016/pdf/BRKACI-2303.pdf>

NEW QUESTION: 41

In the context of VMM, which protocol between ACI leaf and compute hosts ensures that the policies are pushed to the leaf switches for immediate and on demand resolution immediacy?

- A. VXLAN
- B. LLDP
- C. ISIS
- D. STP

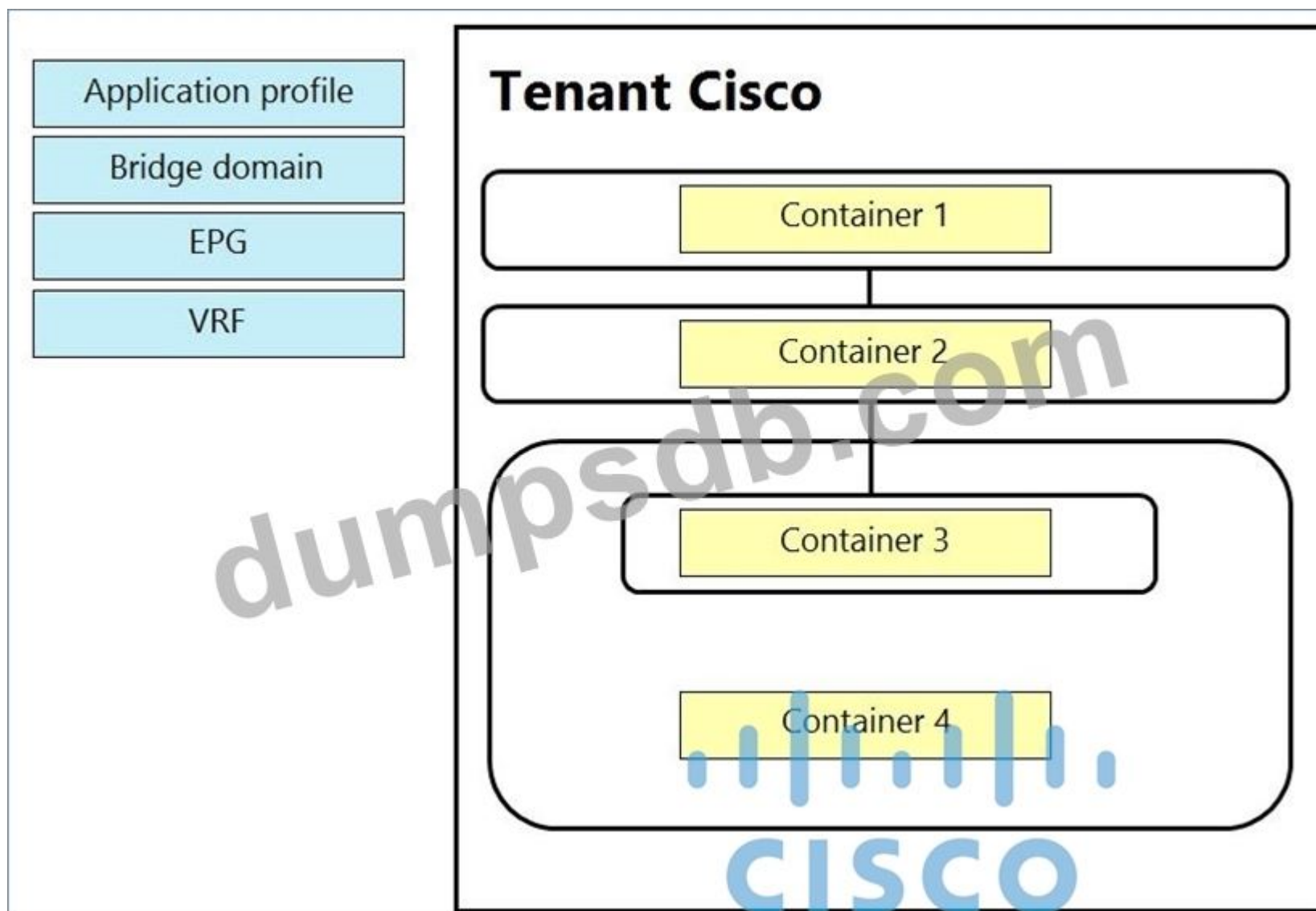
Answer: A ([LEAVE A REPLY](#))

Section: Integrations

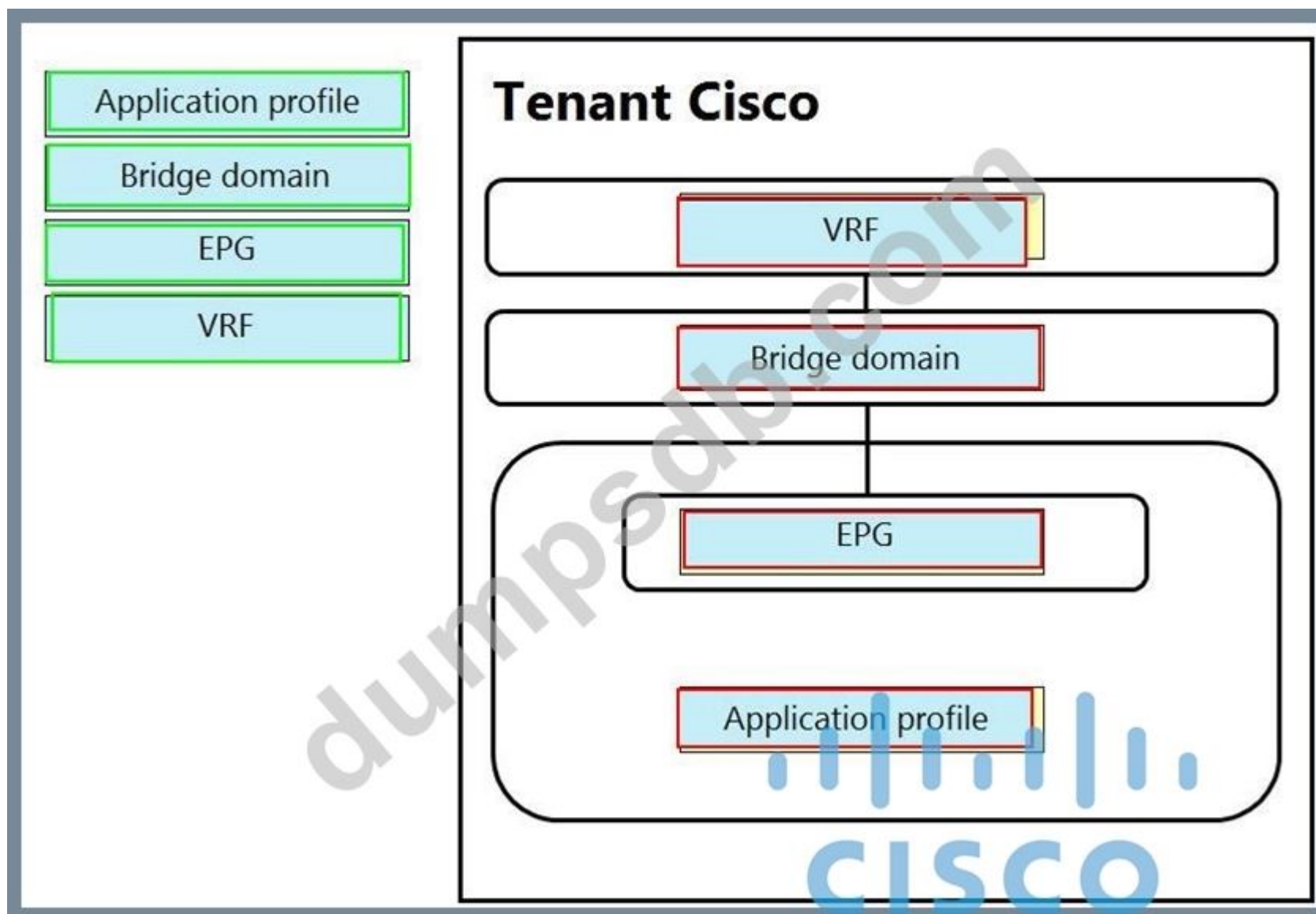
Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI_Best_Practices/b_ACI_Best_Practices/b_ACI_Best_Practices_chapter_0101.html

NEW QUESTION: 42

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:



NEW QUESTION: 43

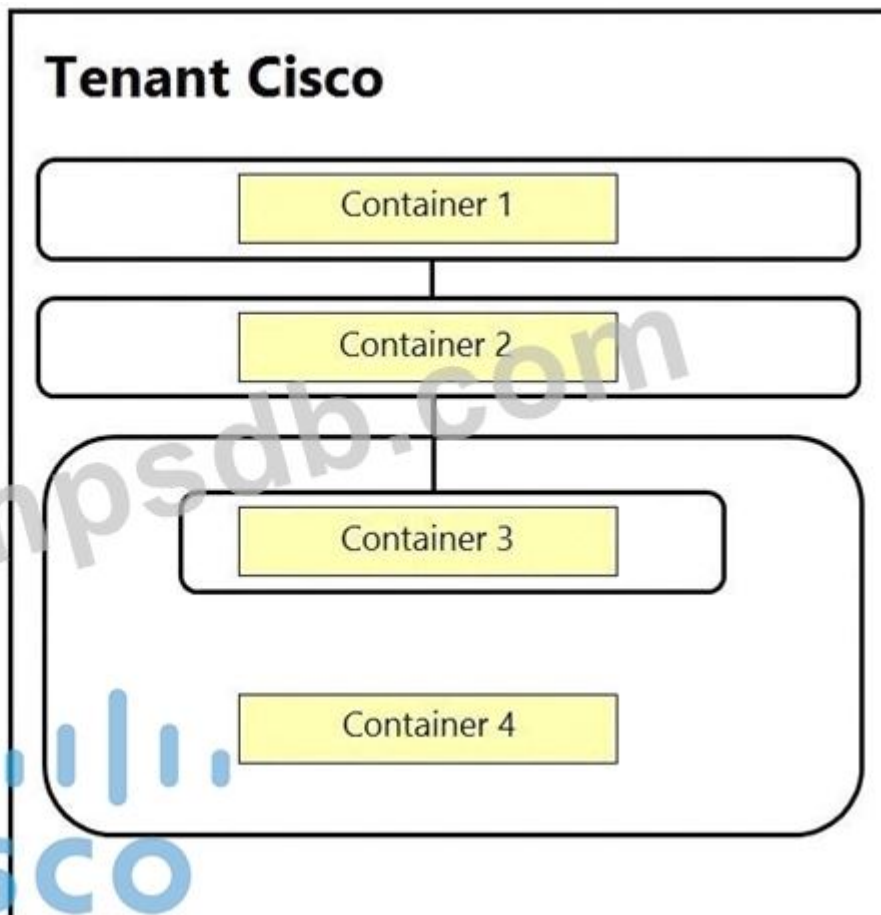
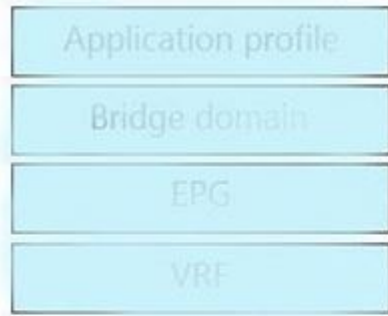
Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

- A. The source MAC and IP address of the traffic is learned as a local endpoint.
- B. The source IP address of the traffic is learned as a remote endpoint.
- C. No source MAC or IP address of the traffic is learned as a remote endpoint.
- D. The source MAC address of the traffic is learned as a remote endpoint.

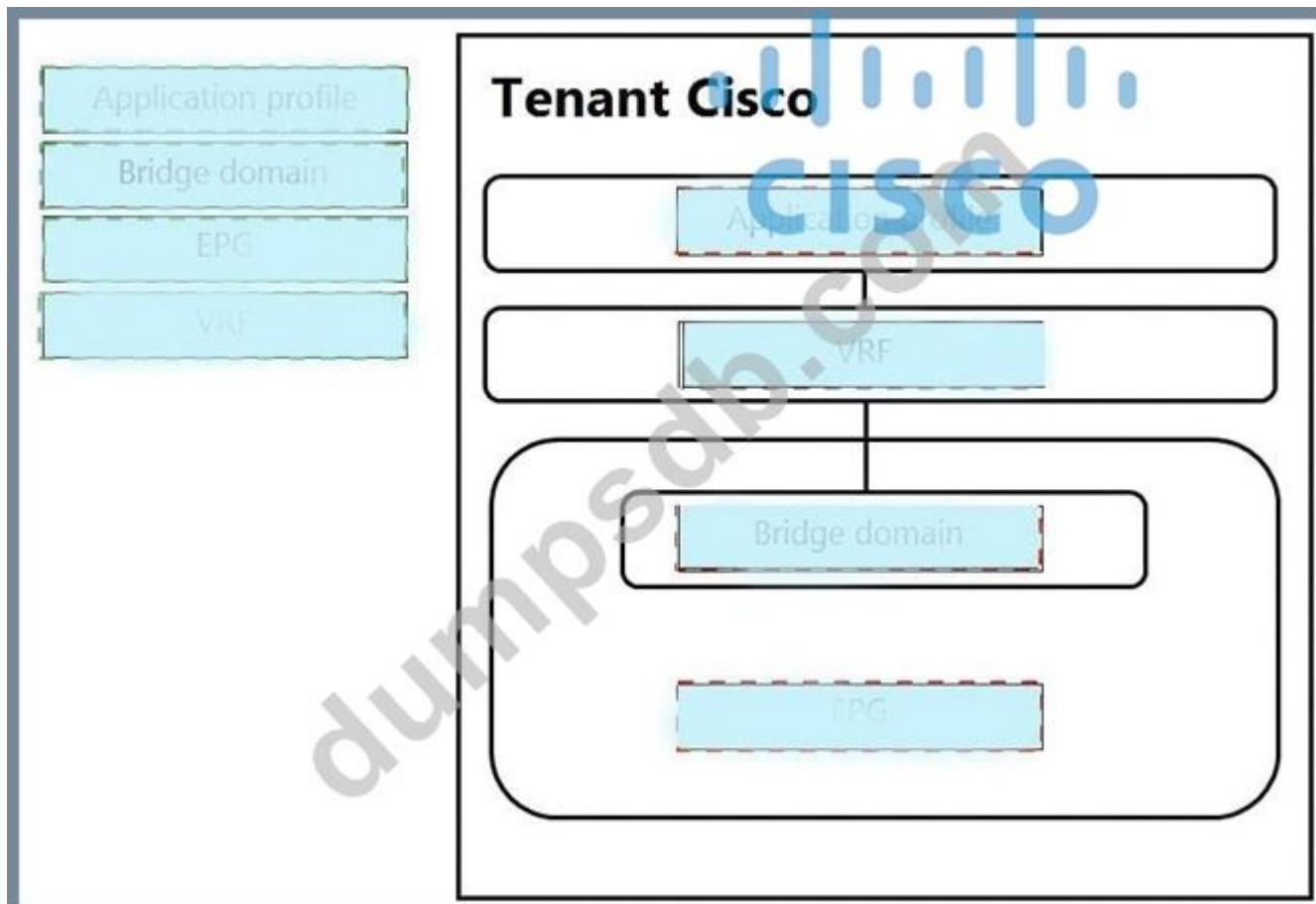
Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 44

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.

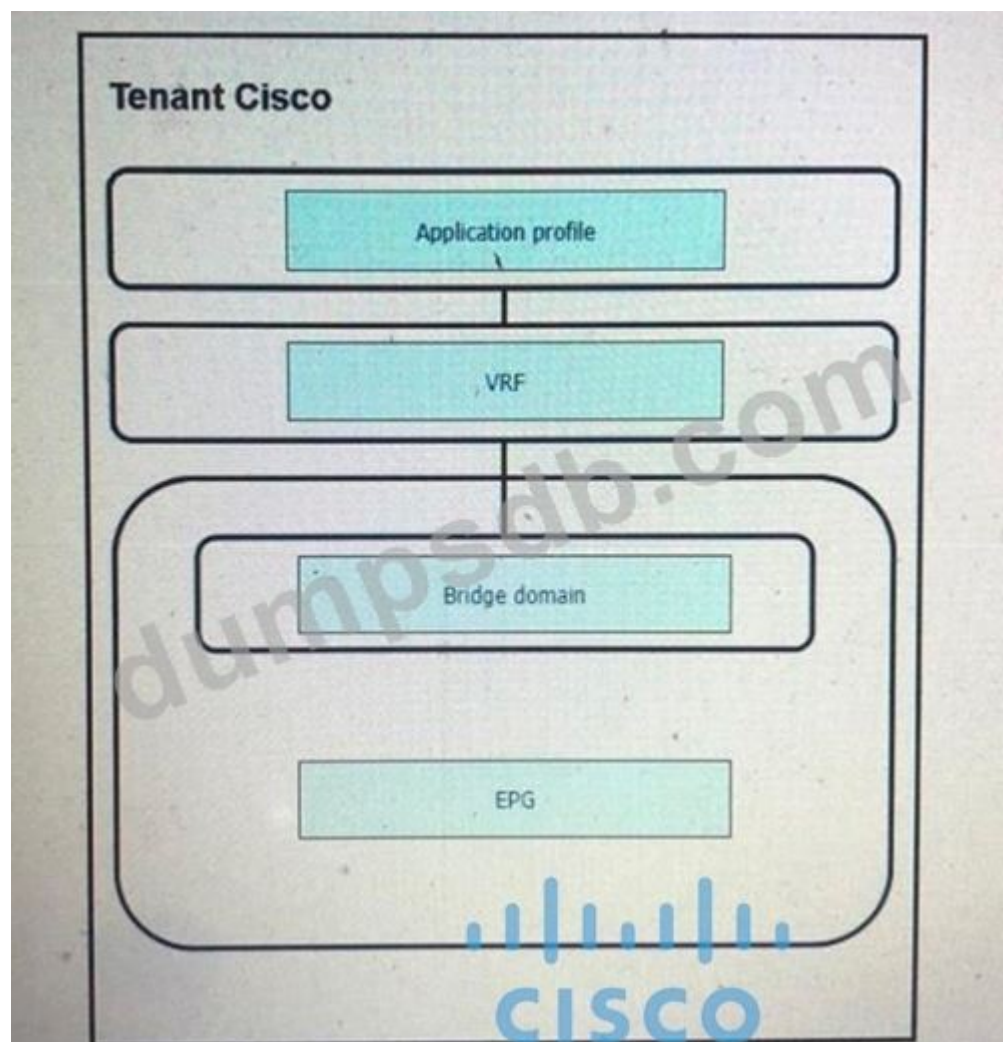


Answer:



Explanation

Application profile---> VRF--> Bridge Domain---> EPG



NEW QUESTION: 45

Which two components are essential parts of a Cisco ACI Virtual Machine Manager (VMM) domain policy configuration? (Choose two.)

- A. VMM domain profile
- B. EPG static port binding
- C. Layer 3 outside interface association
- D. IP address pool association
- E. EPG association

Answer: (SHOW ANSWER)

Explanation

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamenta

Virtual Machine Manager Domain Main Components

ACI fabric virtual machine manager (VMM) domains enable an administrator to configure connectivity policies for virtual machine controllers. The essential components of an ACI VMM domain policy include the following:

- **Virtual Machine Manager Domain Profile**—Groups VM controllers with similar networking policy requirements. For example, VM controllers can share VLAN pools and application endpoint groups (EPGs). The APIC communicates with the controller to publish network configurations such as port groups that are then applied to the virtual workloads. The VMM domain profile includes the following essential components:
 - **Credential**—Associates a valid VM controller user credential with an APIC VMM domain.
 - **Controller**—Specifies how to connect to a VM controller that is part of a policy enforcement domain. For example, the controller specifies the connection to a VMware vCenter that is part a VMM domain.

Note

A single VMM domain can contain multiple instances of VM controllers, but they must be from the same vendor (for example, from VMware or from Microsoft).

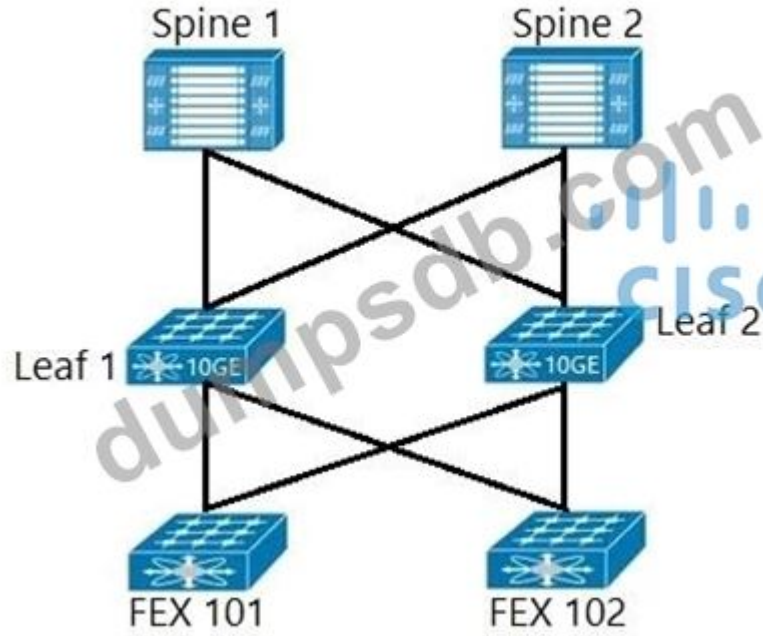
- **EPG Association**—Endpoint groups regulate connectivity and visibility among the endpoints within the scope of the VMM domain policy. VMM domain EPGs behave as follows:
 - The APIC pushes these EPGs as port groups into the VM controller.
 - An EPG can span multiple VMM domains, and a VMM domain can contain multiple EPGs.
- **Attachable Entity Profile Association**—Associates a VMM domain with the physical network infrastructure. An attachable entity profile (AEP) is a network interface template that enables deploying VM controller policies on a large set of leaf switch ports. An AEP specifies which switches and ports are available, and how they are configured.
- **VLAN Pool Association**—A VLAN pool specifies the VLAN IDs or ranges used for VLAN encapsulation that the VMM domain consumes.

NEW QUESTION: 46

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)

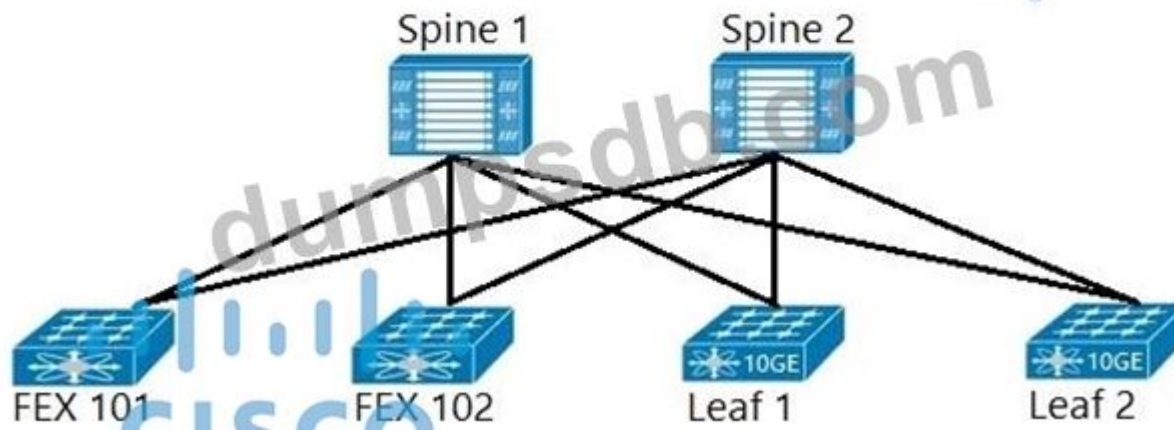
Nexus 9K Switches – ACI Mode



Virtual Port Channel Aggregation Connectivity

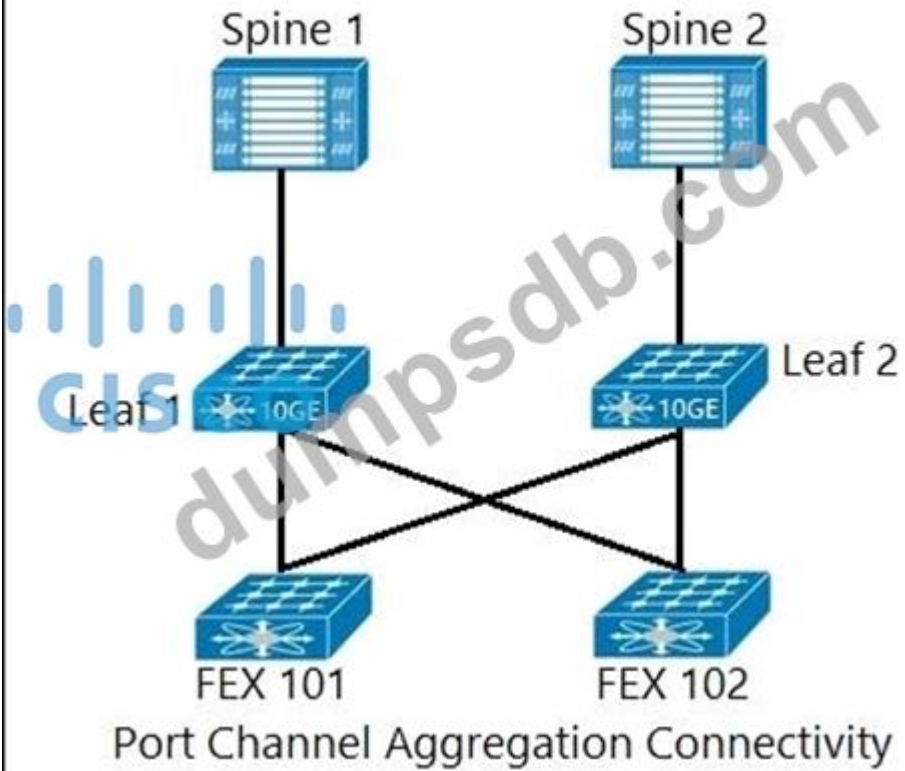
B)

Nexus 9K Switches – ACI Mode



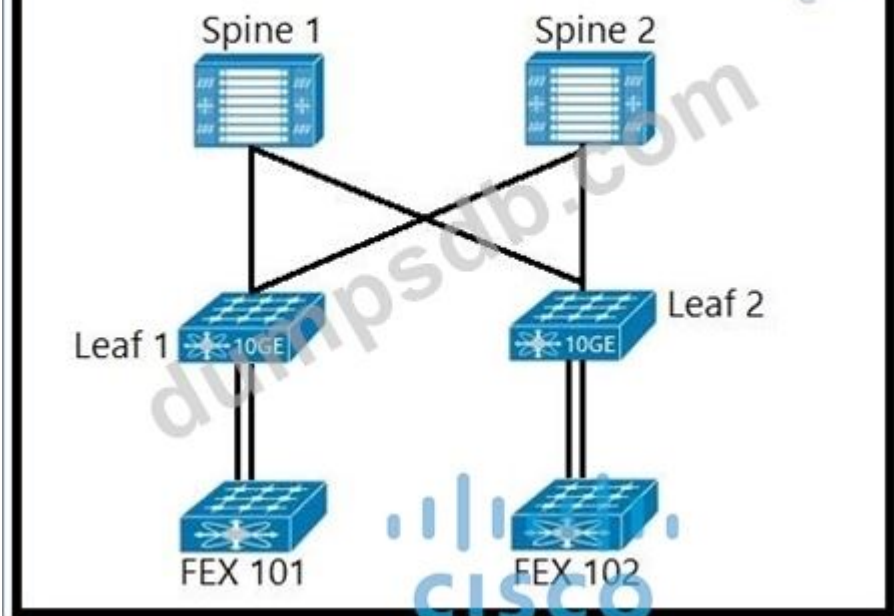
C)

Nexus 9K Switches – ACI Mode



D)

Nexus 9K Switches – ACI Mode



A. Option A

B. Option B

C. Option D

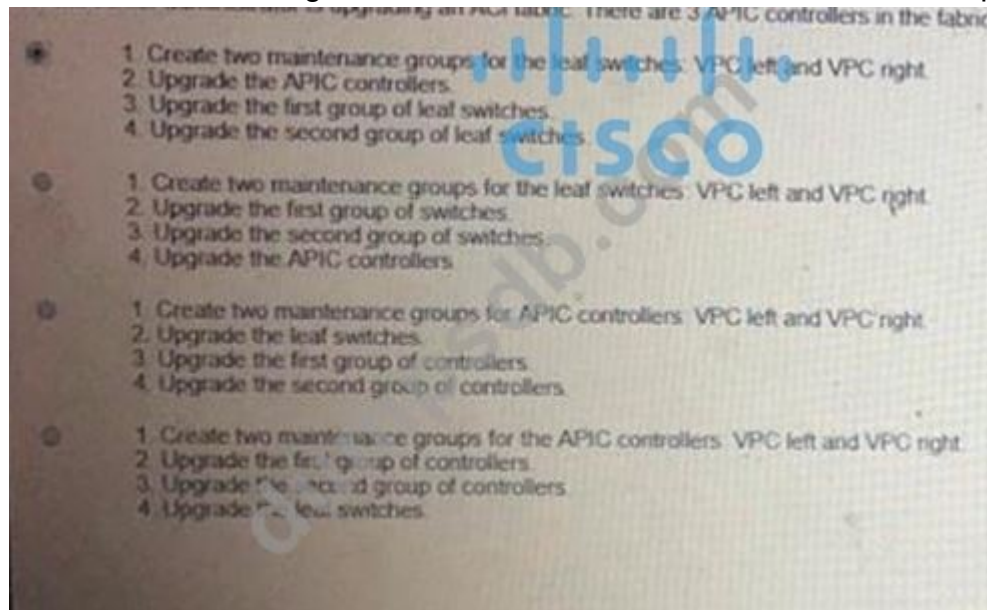
D. Option C

Answer: C ([LEAVE A REPLY](#))

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 47

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. Option C
- B. Option B
- C. Option D
- D. Option A

Answer: D (LEAVE A REPLY)

NEW QUESTION: 48

Which protocol does ACI use to securely save the configuration in a remote location?

- A. SCP
- B. HTTPS
- C. TFTP
- D. FTP

Answer: A (LEAVE A REPLY)

Section: ACI Management

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Using_Import_Export_to_Recover_Config_States.html

NEW QUESTION: 49

In-band is currently configured and used to manage the Cisco ACI fabric. The requirement is for leaf and spine switches to use out-of-band management for NTP protocol. Which action accomplishes this goal?

- A. Select Out-of-Band as Management EPG in the default DateTimePolicy.
- B. Create an Override Policy with NTP Out-of-Band for leaf and spine switches.
- C. Change the interface used for APIC external connectivity to ooband.
- D. Add a new filter to the utilized Out-of-Band-Contract to allow NTP protocol.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

An engineer needs to deploy a leaf access port policy group in ACI Fabric to support the following requirements:

- * Control the amount of application data flowing into the system
 - * Allow the newly connected device to auto-negotiate link speed with the leaf switch
- Which two ACI policies must be configured to achieve these requirements? (Choose two.)

- A. L2 interface policy
- B. link level policy
- C. slow drain policy
- D. ingress control plane policing policy
- E. ingress data plane policing policy

Answer: ([SHOW ANSWER](#))

Ingress control plane is wrong, because the request is for "application data flowing".

L2 interface policy is concerned about QinQ and VLAN scope.

E. L2 interface policy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

What do Pods use to allow Pod-to-Pod communication in a Cisco ACI Multi-Pod environment?

A. over Layer 3 directly connected back-to-back spines

B. over Layer 3 Out connectivity via border leafs

C. over Layer 3 IPN connectivity via spines

D. over Layer 3 IPN connectivity via border leafs

Answer: ([SHOW ANSWER](#))

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

From a physical perspective, the different Pods are interconnected by leveraging an "Inter-Pod Network" (IPN). Each Pod connects to the IPN through the spine nodes; the IPN can be as simple as a single Layer 3 device, or can be built with a larger Layer 3 network infrastructure, as it will be clarified in the "Inter-Pod Connectivity Deployment Considerations" section.

NEW QUESTION: 54

An engineer configured Layer 2 extension from the ACI fabric and changed the Layer 2 unknown unicast policy from Flood to Hardware Proxy. How does this change affect the flooding of the L2 unknown unicast traffic?

A. It is forwarded to one of the spines to perform as a spine proxy.

B. It is flooded within the whole fabric.

C. It is dropped by the leaf when the destination endpoint is not present in the endpoint table.

D. It is forwarded to one of the APICs to perform as a proxy.

Answer: ([SHOW ANSWER](#))

Section: ACI Packet Forwarding

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html

NEW QUESTION: 55

Which attribute should be configured for each user to enable RADIUS for external authentication in Cisco ACI?

A. cisco-security domain

B. cisco-auth-features

C. cisco-aci-role

D. cisco-av-pair

Answer: D ([LEAVE A REPLY](#))

Section: ACI Management

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/Security_config/b_Cisco_APIC_Security_Configuration_Guide/b_Cisco_APIC_Security_Guide_chapter_01011.html

NEW QUESTION: 56

A network engineer is integrating a new Hyperflex storage duster into an existing Cisco ACI fabric. The Hyperflex cluster must be managed by vCenter so a new vSphere Distributed switch must be created. In addition, the hardware discovery must be performed by a vendor-neutral discovery protocol. Which set of steps meets these requirements'?

- Configure an Interface Policy group, select CDP, and apply it to the desired interfaces. Enter the vCenter IP and credentials in the Create vCenter Controller dialog box. In the Create VMware VMM domain dialog box, select Read-Only Mode.
- Configure an Interface Policy group, select CDP, and apply it to the designated interfaces. Create a VMware VMM domain, add it to the VLAN pool, and associate it to the designated interfaces. Select Read Only Mode in the Create VMware VMM domain dialog box.
- Configure an Interface Policy group, select LLDP, and apply it to the selected interfaces. Create a VLAN pool, add it to the VMware VMM domain, and include the appropriate interfaces. Enter the vCenter IP and credentials in the Create vCenter Controller dialog box.
- Configure a Switch Policy group, select LLDP, and apply it to the indicated interfaces. Set up a VMware VMM domain and apply it to the appropriate interfaces. Enter the APIC management IP and credentials in the Create vCenter Controller dialog box.

- A. Option D
- B. Option C
- C. Option A
- D. Option B

Answer: B (LEAVE A REPLY)

NEW QUESTION: 57

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 (LEAVE A REPLY)

Section: ACI Fabric Infrastructure

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

NEW QUESTION: 58

What do Pods use to allow Pod-to-Pod communication in a Cisco ACI Multi-Pod environment?

- A. over Layer 3 directly connected back-to-back spines
- B. over Layer 3 Out connectivity via border leafs
- C. over Layer 3 IPN connectivity via border leafs
- D. over Layer 3 IPN connectivity via spines

Answer: (SHOW ANSWER)

Section: ACI Anywhere

Explanation/Reference:

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

NEW QUESTION: 59

An engineer has set the VMM resolution immediacy to pre-provision in a Cisco ACI environment. No Cisco Discovery Protocol neighborship has been formed between the hypervisors and the ACI fabric leaf nodes. How does this affect the download policies to the leaf switches?

- A. Policies are downloaded to the ACI leaf switch regardless of Cisco Discovery Protocol neighborship.
- B. No policies are downloaded because LLDP is the only supported discovery protocol.
- C. Policies are downloaded when the hypervisor host is connected to the VMM VDS.
- D. No policies are downloaded because there is no discovery protocol neighborship.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 60

Refer to the exhibit.

```
aaa authentication login fallback
  realm radius
  group radius-1

aaa authentication login console
  realm radius
  group radius-1

aaa authentication login default
  realm radius
  group radius-1

aaa banner 'WELCOME TO ACI'
aaa group radius radius-1
  server 10.1.1.1 priority 0
  server 10.2.2.2 priority 1

aaa user default-role no-login
```

Which action should be taken to ensure authentication if the RADIUS servers are unavailable?

- A. Adjust the priority of server 10.1.1.1 to 1.
- B. Set the fallback login to local.
- C. Assign the user to the default role.
- D. Set the default login realm to LDAP

Answer: B (LEAVE A REPLY)

Explanation

Changing the server priority is not logical answer.

The command "aaa user default-role no-login" means that remote users who do not have a user role cannot login. This means that assigning the user to default role will not be able to login.

The "aaa authentication login default" and "aaa authentication login fallback" has identical configuration. The fallback uses RADIUS server. We should change is to local.

NEW QUESTION: 61

Which two components are essential parts of a Cisco ACI Virtual Machine Manager (VMM) domain policy configuration? (Choose two.)

- A. VMM domain profile
- B. IP address pool association

- C. Layer 3 outside interface association
- D. EPG static port binding
- E. EPG association

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_01011.html#concept_74EFC437C0AA44A391676F70ACE59DF3

Virtual Machine Manager Domain Main Components

ACI fabric virtual machine manager (VMM) domains enable an administrator to configure connectivity policies for virtual machine controllers. The essential components of an ACI VMM domain policy include the following:

- **Virtual Machine Manager Domain Profile**—Groups VM controllers with similar networking policy requirements. For example, VM controllers can share VLAN pools and application endpoint groups (EPGs). The APIC communicates with the controller to publish network configurations such as port groups that are then applied to the virtual workloads. The VMM domain profile includes the following essential components:
 - **Credential**—Associates a valid VM controller user credential with an APIC VMM domain.
 - **Controller**—Specifies how to connect to a VM controller that is part of a policy enforcement domain. For example, the controller specifies the connection to a VMware vCenter that is part a VMM domain.



Note

A single VMM domain can contain multiple instances of VM controllers, but they must be from the same vendor (for example, from VMware or from Microsoft).

- **EPG Association**—Endpoint groups regulate connectivity and visibility among the endpoints within the scope of the VMM domain policy. VMM domain EPGs behave as follows:
 - The APIC pushes these EPGs as port groups into the VM controller.
 - An EPG can span multiple VMM domains, and a VMM domain can contain multiple EPGs.
- **Attachable Entity Profile Association**—Associates a VMM domain with the physical network infrastructure. An attachable entity profile (AEP) is a network interface template that enables deploying VM controller policies on a large set of leaf switch ports. An AEP specifies which switches and ports are available, and how they are configured.
- **VLAN Pool Association**—A VLAN pool specifies the VLAN IDs or ranges used for VLAN encapsulation that the VMM domain consumes.

Answer: A,E ([LEAVE A REPLY](#))

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the newest 300-620 exam dumps, the TrainingQuiz.com 300-620 exam questions have been updated and answers have been corrected get

the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 62

An administrator must migrate the vSphere Management VMkernel of all ESXi hosts in the production cluster from the standard default virtual switch to a VDS that is integrated with APIC in a VMM domain. Which action must be completed in this scenario?

- A. The VMkernel Management BD must be located under the Management Tenant.
- B. The administrator must create an in-band VMM Management EPG before performing the migration.
- C. The Management VMkernel EPG resolution must be set to Pre-Provision.
- D. The administrator must set the Management VMkernel BD resolution immediacy to On-Demand.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 63

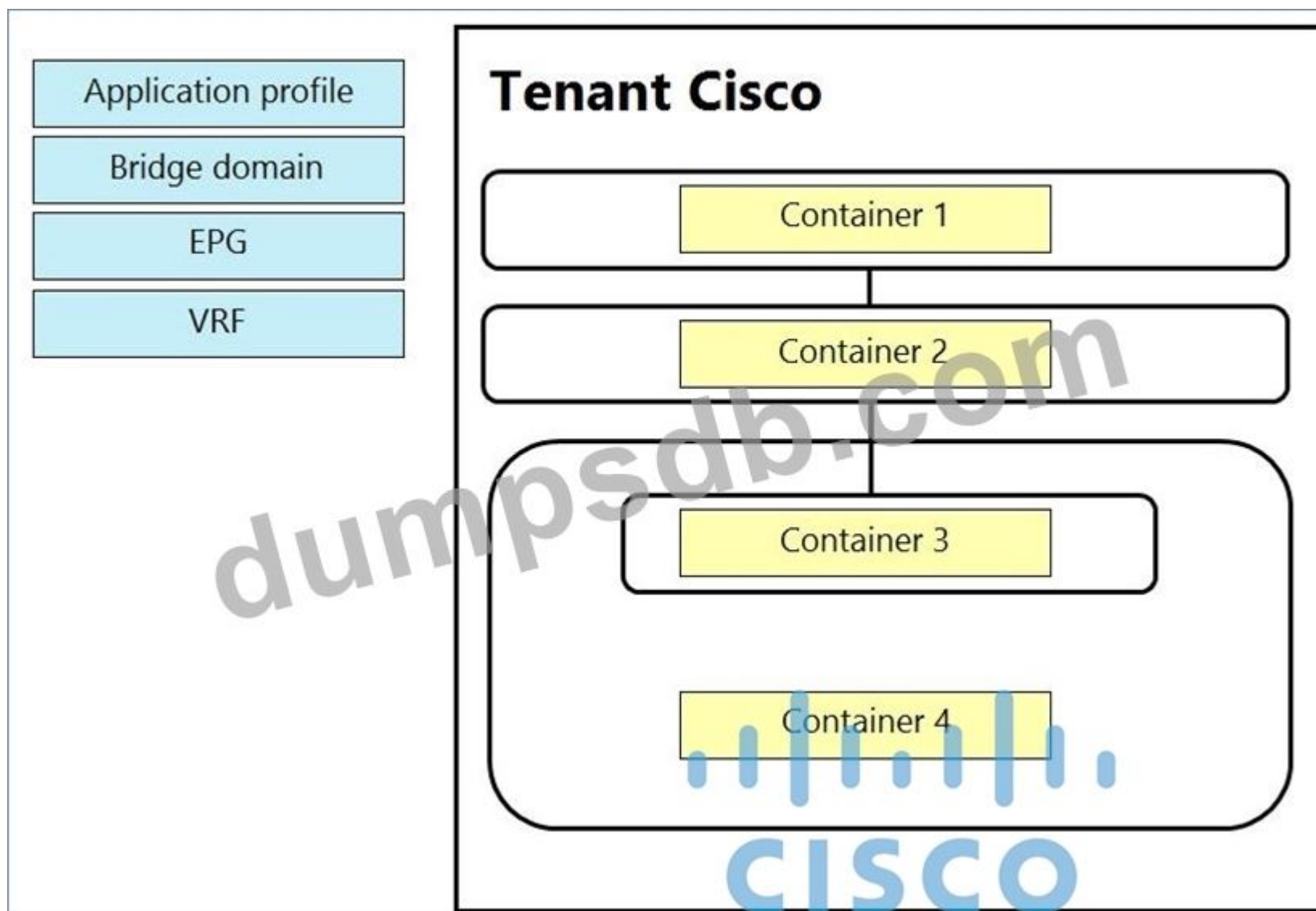
When the subnet is configured on a bridge domain, on which physical devices is the gateway IP address configured?

- A. only leaf switches where the bridge domain of the tenant is present
- B. all leaf switches and all spine nodes
- C. only spine switches where the bridge domain of the tenant is present
- D. all border leaf nodes where the bridge domain of the tenant is present

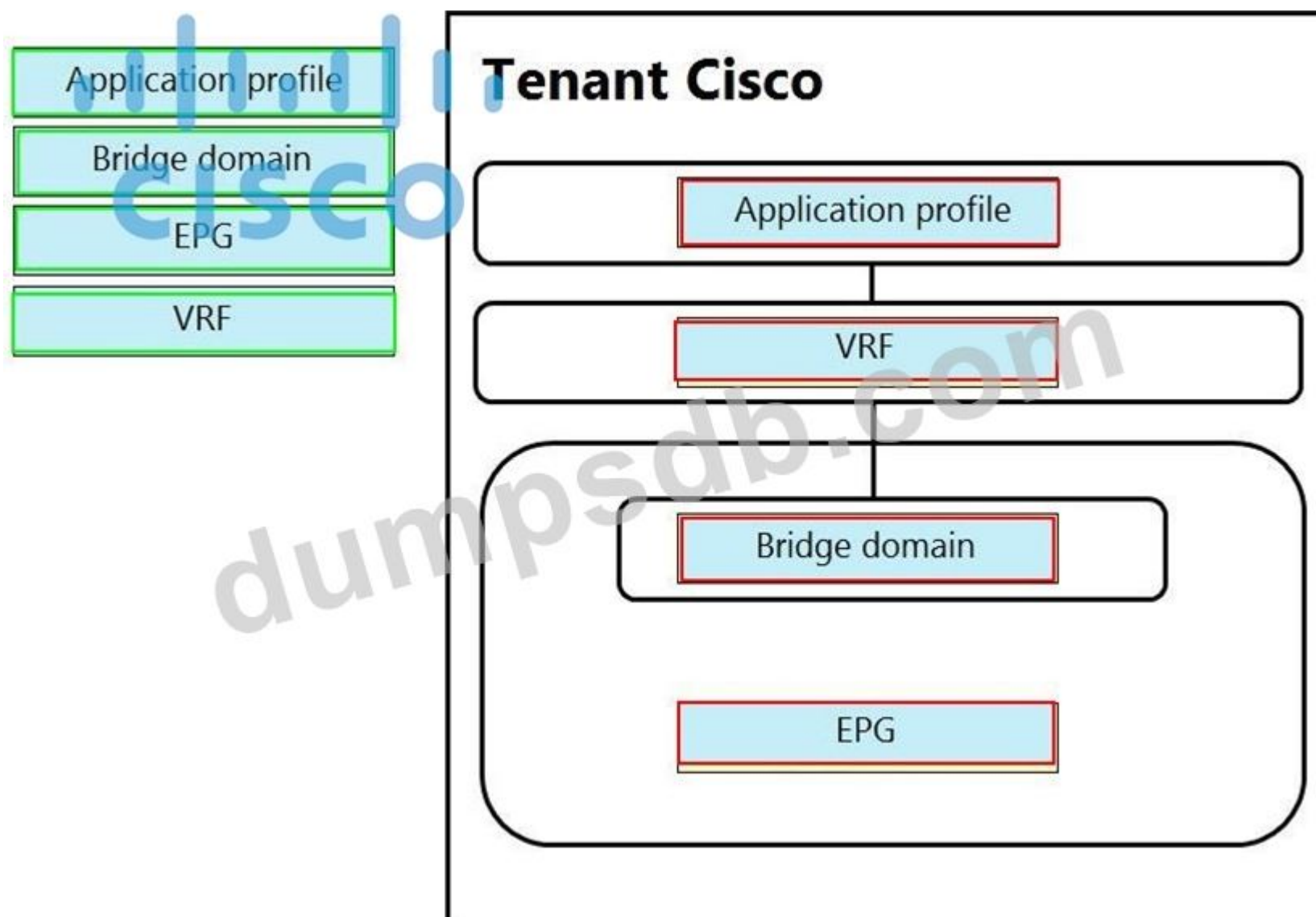
Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 64

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:



NEW QUESTION: 65

What must be configured to redistribute externally learned OSPF routes within the ACI fabric?

- A. Route Control Profile
- B. BGP Route Reflector
- C. BGP Inter-leak Route Map
- D. PIM Sparse Mode

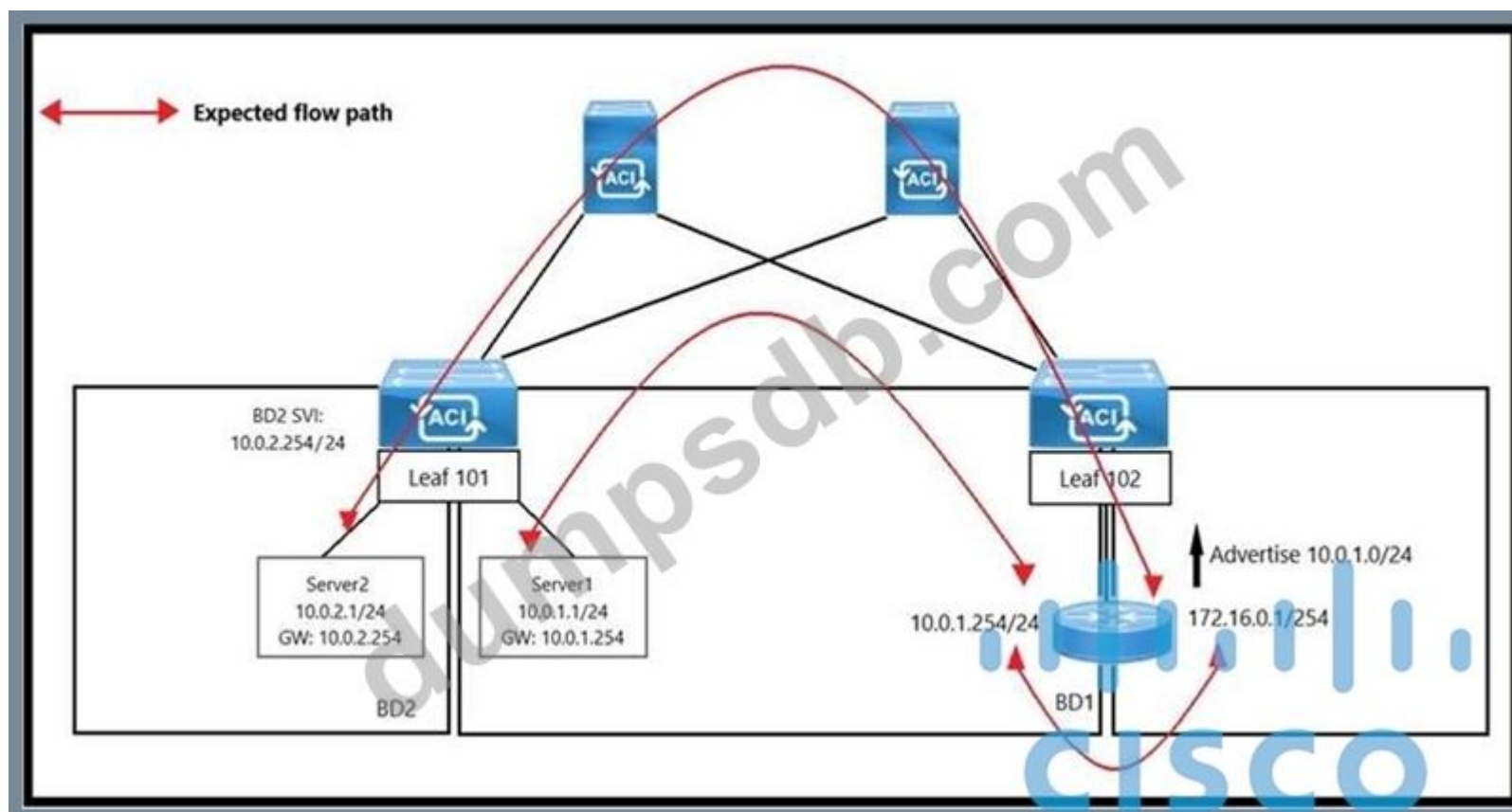
Answer: A (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI_Best_Practices/b_ACI_Best_Practices/b_ACI_Best_Practices_chapter_010010.html

NEW QUESTION: 66

Refer to the exhibit.



An engineer wants to initiate an ICMP ping from Server1 to Server2. The requirement is for the BD1 to enforce ICMP replies that follow the expected path. The packets must be prevented from taking the direct path from Leaf1 to Server1. Which action must be taken on BD1 to meet these requirements?

- A. Set L2 Unknown Unicast to Hardware Proxy.
- B. Enable ARP Flooding.
- C. Set L2 Unknown Unicast to Flood.
- D. Disable Unicast Routing.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 67

A Solutions Architect is asked to design two data centers based on Cisco ACI technology that can extend L2/ L3, VXLAN, and network policy across locations. ACI Multi-Pod has been selected. Which two requirements must be considered in this design? (Choose two.)

- A. ACI underlay protocols, i.e. COOP, IS-IS and MP-BGP, spans across pods. Create QoS policies to make sure those protocols have higher priority.
- B. A single APIC Cluster is required in a Multi-Pod design. It is important to place the APIC Controllers in different locations in order to maximize redundancy and reliability.
- C. ACI Multi-Pod requires an IP Network supporting PIM-Bidir.
- D. ACI Multi-Pod does not support Firewall Clusters across Pods. Firewall Clusters should always be local.
- E. Multi-Pod requires multiple APIC Controller Clusters, one per pod. Make sure those clusters can communicate to each other through a highly available connection.

Answer: A,E (LEAVE A REPLY)

Section: ACI Anywhere

Apply a service graph template and select vzAny EPG as the consumer and provider.	Step 1
Select a redirect policy with the Layer 3 destination.	Step 2
Create a Layer 4 to Layer 7 service graph template.	Step 3
Select a redirect policy with enabled anycast and the Layer 3 destination.	Step 4
Select the same cluster interface under Consumer Connector and Provider Connector.	Step 5
Create a service bridge domain and a Layer 4 to Layer 7 device with one cluster interface.	Step 6
Select the existing contract with custom IP EtherType filter.	

Answer:

Apply a service graph template and select vzAny EPG as the consumer and provider.	Select a redirect policy with enabled anycast and the Layer 3 destination.
Select a redirect policy with the Layer 3 destination.	Apply a service graph template and select vzAny EPG as the consumer and provider.
Create a Layer 4 to Layer 7 service graph template.	Select the same cluster interface under Consumer Connector and Provider Connector.
Select a redirect policy with enabled anycast and the Layer 3 destination.	Create a service bridge domain and a Layer 4 to Layer 7 device with one cluster interface.
Select the same cluster interface under Consumer Connector and Provider Connector.	Select a redirect policy with the Layer 3 destination.
Create a service bridge domain and a Layer 4 to Layer 7 device with one cluster interface.	Create a Layer 4 to Layer 7 service graph template.
Select the existing contract with custom IP EtherType filter.	

NEW QUESTION: 69

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.

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	Required Parameters
Source Port From	

Answer:

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	Required Parameters
Source Port From	

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_01000.html

NEW QUESTION: 70

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: ([SHOW ANSWER](#))

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_0111.html

NEW QUESTION: 71

The company ESXi infrastructure is hosted on the Cisco UCS-B Blade Servers. The company decided to take advantage of ACI VMM integration to enable consistent enforcement of policies across virtual and physical workloads. The requirement is to prevent the packet loss between the distributed virtual switch and the ACI fabric. Which setting must be implemented on a vSwitch policy to accomplish this goal?

- A. Static Channel
- B. MAC Pinning
- C. LACP
- D. LLDP

Answer: B (LEAVE A REPLY)

NEW QUESTION: 72

Which endpoint learning operation is completed on the ingress leaf switch when traffic is received from a Layer 3 Out?

- A. The source MAC address of the traffic is learned as a local endpoint.
- B. The source MAC address of the traffic is learned as a remote endpoint.
- C. The source IP address of the traffic is learned as a remote endpoint.
- D. The source IP address of the traffic is learned as a local endpoint.

Answer: B (LEAVE A REPLY)

Section: External Network Connectivity

NEW QUESTION: 73

Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

- A. The source MAC and IP address of the traffic is learned as a local endpoint.
- B. The source MAC address of the traffic is learned as a remote endpoint.
- C. No source MAC or IP address of the traffic is learned as a remote endpoint.
- D. The source IP address of the traffic is learned as a remote endpoint.

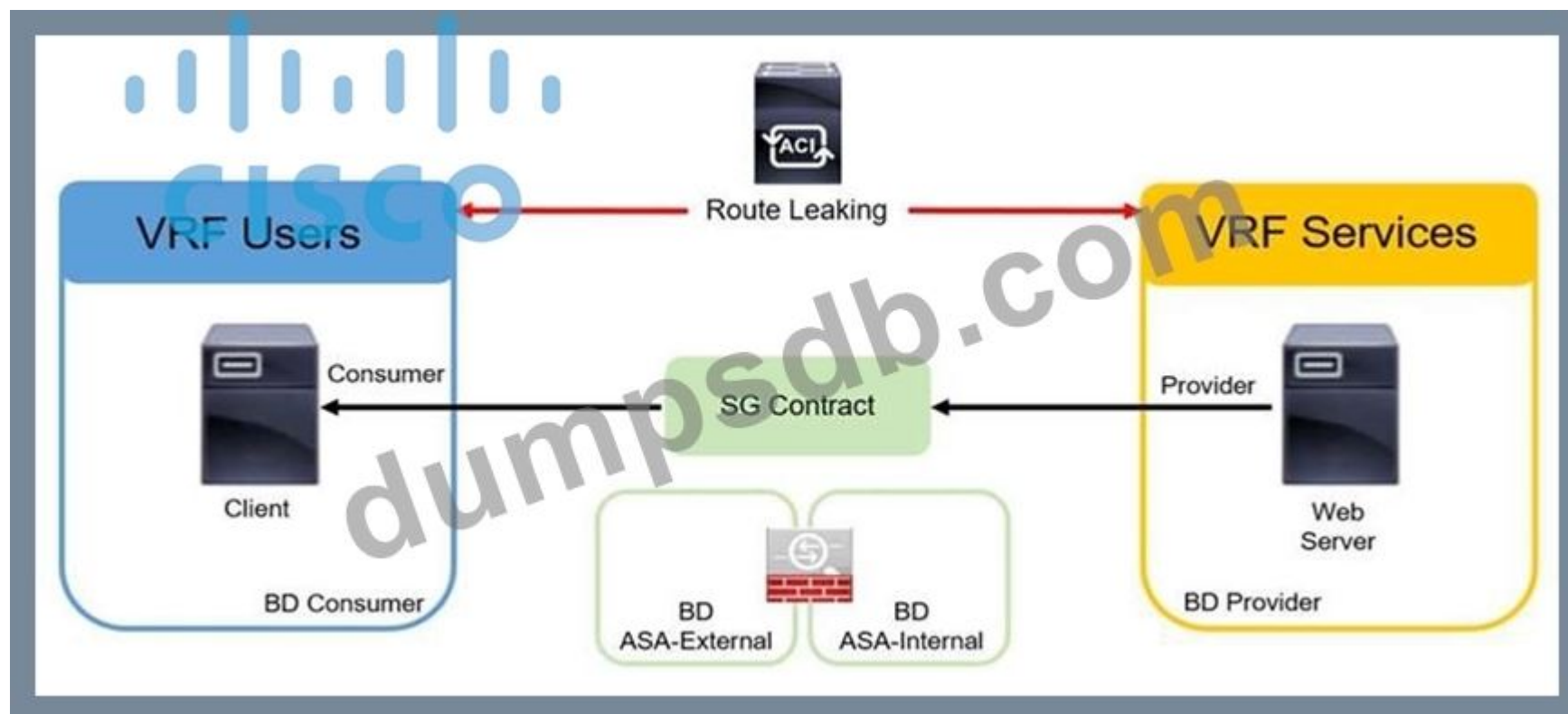
Answer: B (LEAVE A REPLY)

Section: ACI Packet Forwarding

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

NEW QUESTION: 74

Refer to the exhibit.



An engineer must implement the inter-tenant service graph. Which set of actions must be taken to accomplish this goal?

- A.** * Define the contract in the provider tenant and export it to the consumer tenant.
 * Define the L4-L7 device and service graph template in the provider tenant and the ASA bridge domains in the consumer tenant.
- B.** * Define the contract in the provider tenant and export it to the provider tenant.
 * Define the L4-L7 device, service graph template, and ASA bridge domains in the consumer tenant.
- C.** * Define the contract in the provider tenant and export it to the consumer tenant.
 * Define the L4-L7 device, service graph template, and ASA bridge domains in the provider tenant.
- D.** * Define the contract in the provider tenant and export it to the provider tenant.
 * Define the L4-L7 device and service graph template in the provider tenant and the ASA bridge domains in the consumer tenant.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

What must be configured to allow SNMP traffic on the APIC controller?

- A.** out-of-band management interface
- B.** contract under tenant mgmt
- C.** SNMP relay policy
- D.** out-of-band bridge domain

Answer: **B** ([LEAVE A REPLY](#))

Section: ACI Management

NEW QUESTION: 76

Refer to the exhibit.

```
<fvTenant name="ACILab">
  <fvCtx name="pvnl"/>
  <fvBD name="bd1">
    <fvRsCtx tnFvCtxName="pvnl"/>
    <fvSubnet ip="10.1.100.1/24"/>
  </fvBD>
</fvTenant>
```

Which two objects are created as a result of the configuration? (Choose two.)

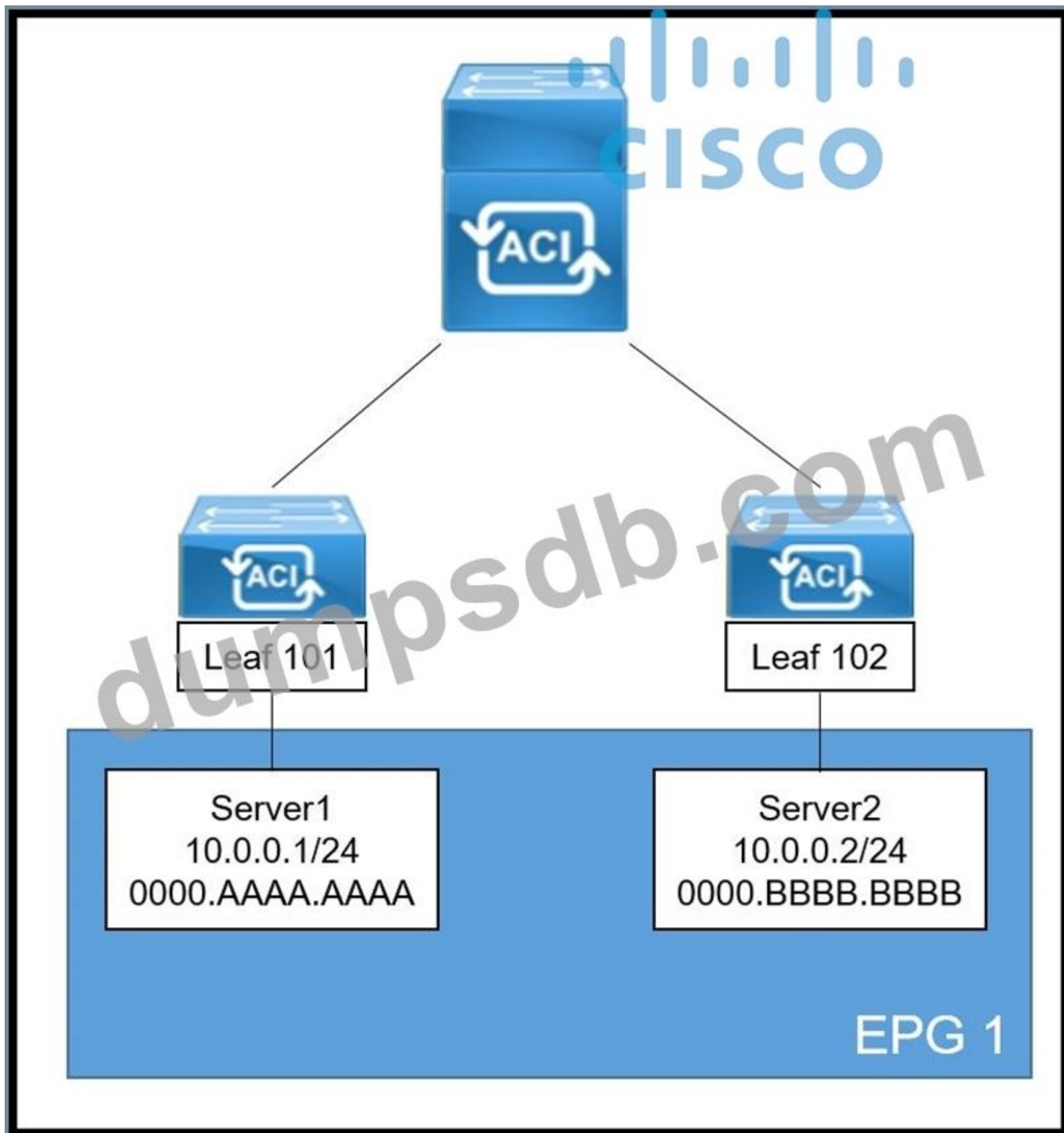
- A. attachable AEP
- B. bridge domain
- C. application profile
- D. VRF
- E. endpoint group

Answer: ([SHOW ANSWER](#))

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 77

Refer to the exhibit.



A systems engineer is implementing the Cisco ACI fabric. However, the Server2 information is missing from the Leaf 101 endpoint table and the COOP database of the spine. The requirement is for the bridge domain configuration to enforce the ACI fabric to forward the unicast packets generated by Server1 destined to Server2. Which action must be taken to meet these requirements?

- A. Enable ARP Flooding
- B. Set L2 Unknown Unicast to Flood

- C. Set IP Data-Plane Learning to No
- D. Enable Unicast Routing

Answer: B (LEAVE A REPLY)

Both servers are in the same subnet. ARP flooding is out if we read the article in the link. Also unicast routing is not needed.

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

Silent hosts considerations

In the case of silent hosts, where an ACI leaf hasn't learned a local endpoint, ACI has some mechanisms to detect those silent hosts. Some of them are controlled by BD configurations. Following are explanations of each scenario with related BD configurations.

For (L2) switched traffic to an unknown MAC, the L2 Unknown Unicast option under the BD may need to be set to "Flood". This is because the ACI fabric with the L2 Unknown Unicast "Hardware-Proxy" configuration drops the L2 unicast packets on the spine in cases where the destination MAC has not been learned as an endpoint anywhere on the BD in ACI, and the COOP database doesn't have the information.

NEW QUESTION: 78

Refer to the exhibit, An engineer is deploying a Cisco ACI environment but experiences a STP loop between switch1 and switch2. Which configuration step is needed to break the STP loop?

- A. Configure a Layer 2 external bridged network on the interfaces facing the MST switches.
- B. Configure the STP instance to VLAN mapping under the switch STP policy.
- C. Enable BPDU filter under the STP interface policy on the Interfaces facing the MST switches.
- D. Enable the native VLAN on the interfaces facing the MST switches using static pons in a dedicated EPG.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 79

Drag and drop the Cisco ACI Layer 4 to Layer 7 service insertion terms on the left to the correct descriptions on the right.

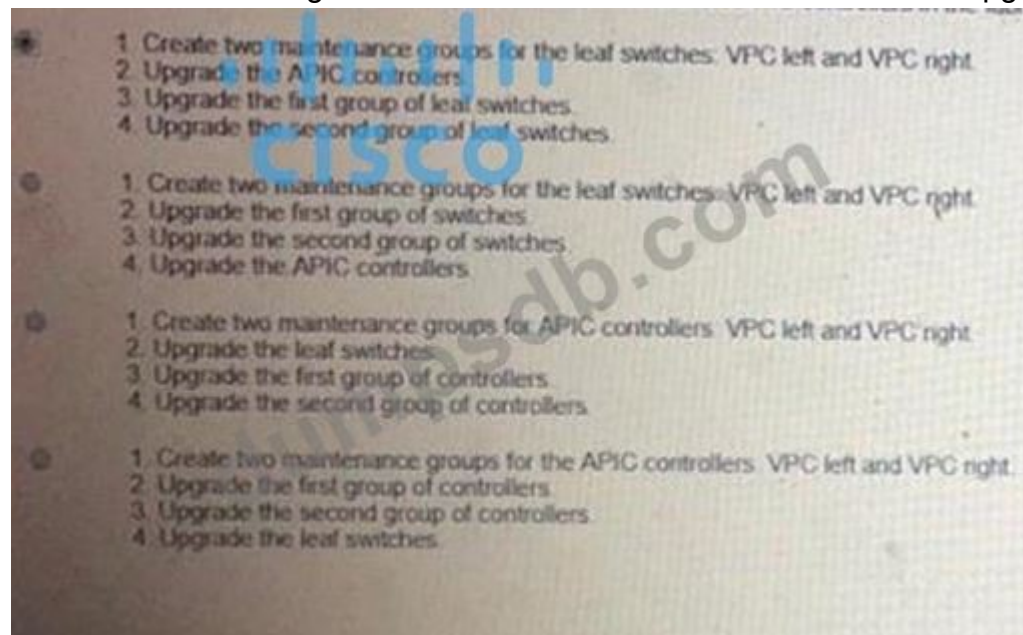
concrete interfaces	ensures reachability between L3 domains
service graph	rendered with local resources that are available in the fabric
device cluster	contains an active-standby pair of firewalls or load balancers
VRF stitching	encapsulations programmed based on their association with logical interfaces

Answer:

concrete interfaces	VRF stitching
service graph	service graph
device cluster	device cluster
VRF stitching	concrete interfaces

NEW QUESTION: 80

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?

- 
- 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.
 - 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.
 - 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.
 - 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.

- A. Option A
- B. Option C
- C. Option B
- D. Option D

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 81

Which protocol does ACI use to securely save the configuration in a remote location?

- A. FTP
- B. TFTP
- C. SCP
- D. HTTPS

Answer: [C \(LEAVE A REPLY\)](#)

NEW QUESTION: 82

In the context of VMM, which protocol between ACI leaf and compute hosts ensures that the policies are pushed to the leaf switches for immediate and on demand resolution immediacy?

- A. VXLAN
- B. ISIS
- C. LLDP
- D. STP

Answer: [A \(LEAVE A REPLY\)](#)

NEW QUESTION: 83

Which two statements regarding ACI Multi-Site are true? (Choose two.)

- A. Routers in the Inter-Site network must run OSPF, DHCP relay, and MP-BGP.

- B. The Multi-Site orchestrator must be directly attached to one ACI leaf.
- C. ACI Multi-Site is a solution that supports a dedicated APIC cluster per site.
- D. ACI Multi-Site is a solution that allows one APIC cluster to manage multiple ACI sites.
- E. The Inter-Site network routers should run OSPF to establish peering with the spines.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 84

A Solutions Architect is asked to design two data centers based on Cisco ACI technology that can extend L2/ L3, VXLAN, and network policy across locations. ACI Multi-Pod has been selected. Which two requirements must be considered in this design? (Choose two.)

- A. ACI underlay protocols, i.e. COOP, IS-IS and MP-BGP, spans across pods. Create QoS policies to make sure those protocols have higher priority.
- B. A single APIC Cluster is required in a Multi-Pod design. It is important to place the APIC Controllers in different locations in order to maximize redundancy and reliability.
- C. ACI Multi-Pod requires an IP Network supporting PIM-Bidir.
- D. ACI Multi-Pod does not support Firewall Clusters across Pods. Firewall Clusters should always be local.
- E. Multi-Pod requires multiple APIC Controller Clusters, one per pod. Make sure those clusters can communicate to each other through a highly available connection.

Answer: A,E ([LEAVE A REPLY](#))

Section: ACI Anywhere

Explanation/Reference:

NEW QUESTION: 85

In-band is currently configured and used to manage the Cisco ACI fabric. The requirement is for leaf and spine switches to use out-of-band management for NTP protocol. Which action accomplishes this goal?

- A. Select Out-of-Band as Management EPG in the default DateTimePolicy.
- B. Create an Override Policy with NTP Out-of-Band for leaf and spine switches.
- C. Change the interface used for APIC external connectivity to ooband.
- D. Add a new filter to the utilized Out-of-Band-Contract to allow NTP protocol.

Answer: A ([LEAVE A REPLY](#))

<https://www.cisco.com/c/en/us/support/docs/cloud-systems-management/application-policy-infrastructure-controller-apic/200128-Configuring-NTP-in-ACI-Fabric-Solution.html>

NEW QUESTION: 86

An engineer configured Layer 2 extension from the ACI fabric and changed the Layer 2 unknown unicast policy from Flood to Hardware Proxy. How does this change affect the flooding of the L2 unknown unicast traffic?

- A. It is forwarded to one of the spines to perform as a spine proxy.
- B. It is flooded within the whole fabric.
- C. It is dropped by the leaf when the destination endpoint is not present in the endpoint table.
- D. It is forwarded to one of the APICs to perform as a proxy.

Answer: A ([LEAVE A REPLY](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html

NEW QUESTION: 87

An engineer must deploy Cisco ACI across 10 geographically separated data centers. Which ACI site deployment feature enables the engineer to control which bridge domains contain Layer 2 flooding?

- A. Multi-Pod
- B. Stretched Fabric
- C. Multi-Site
- D. GOLF

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 88

Refer to the exhibit.

Virtual Switch Name: Lab-VirtualSwitch

Virtual Switch: VMware vSphere Distributed Switch | Cisco AVS | Cisco AVE

Associated Attachable Entity Profile: Lab-ApplicationAttachableAccessEn

Delimiter:

Enable Tag Collection:

Access Mode: Read Only Mode | Read Write Mode

Endpoint Retention Time (seconds): 0

VLAN Pool: select an option

Security Domains:

Name	Description
------	-------------

An engineer is integrating a VMware vCenter with Cisco ACI VMM domain configuration. ACI creates port-group names with the format of "Tenant | Application | EPG". Which configuration option is used to generate port groups with names formatted as "Tenant=Application=EPG"?

- A. virtual switch name
- B. security domains
- C. enable tag collection
- D. delimiter

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 89

Refer to the exhibit.

```
<fvTenant name="ACILab">
  <fvCtx name="pvn1"/>
  <fvBD name="bd1">
    <fvRsCtx tnFvCtxName="pvn1"/>
    <fvSubnet ip="10.1.100.1/24"/>
  </fvBD>
</fvTenant>
```

Which two objects are created as a result of the configuration? (Choose two.)

- A. application profile
- B. attachable AEP
- C. bridge domain
- D. endpoint group
- E. VRF

Answer: C,E (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/b_Cisco_APIC_REST_API_Configuration_Guide_chapter_01110.html

NEW QUESTION: 90

An engineer must limit management access to the Cisco ACI fabric that originates from a single subnet where the NOC operates. Access should be limited to SSH and HTTPS only. Where should the policy be configured on the Cisco APIC to meet the requirements?

- A. policy in the management tenant
- B. policy on the management VLAN
- C. ACL on the management interface of the APIC
- D. ACL on the console interface

Answer: A (LEAVE A REPLY)

Explanation

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Oper

3. Mgmt—The management tenant provides convenient means to configure access policies for fabric nodes. While fabric nodes are accessible and configurable through the APIC, they can also be accessed directly using in-band and out-of-band connections. **In-band and out-of-band policies are configured under the mgmt tenant:**

- In-Band Management Access
- Out-of-Band Management Access

NEW QUESTION: 91

Refer to the exhibit.

1. Identity **2. Nodes And Interfaces** 3. Protocols 4. External EPG

Nodes and Interfaces

The L3Out configuration consists of node profiles and interface profiles. An L3Out can span across multiple nodes in the fabric. All nodes used by the L3Out can be included in a single node profile and is required for nodes that are part of a VPC pair. Interface profiles can include multiple interfaces. When configuring dual stack interfaces a separate interface profile is required for the IPv4 and IPv6 configuration, that is automatically taken care of by this wizard.

Use Defaults:

Interface Types

Layer 3: **Routed** Routed Sub SVI Floating SVI

Layer 2: **Port** Direct Port Channel

Nodes

Node ID	Router ID	Loopback Address	
F1P1L1 (Node - 1001)	10.1.7.1	10.1.1.1	<input type="checkbox"/> + Hide Interfaces

Leave empty to not configure any Loopback

Interface	IP Address	MTU (bytes)	
Select a port	<input type="text"/>	inherit	<input type="checkbox"/> +

Previous Cancel Next

An engineer must configure an L3Out peering with the backbone network. The L3Out must forward unicast and multicast traffic over the link. Which two methods should be used to configure L3Out to meet these requirements? (Choose two.)

- A. Layer 3 routed port
- B. VPC with SVI
- C. port channel with SVI
- D. Layer 3 routed subinterface
- E. Layer 3 floating SVI

Answer: A,D (LEAVE A REPLY)

https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centricinfrastructure/guide-c07-743150.html#_L3Out_sStatic_rRoutes

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/L3-configuration/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401_chapter_010010.html

- PIM is supported on Layer 3 Out routed interfaces and routed subinterfaces including Layer 3 port-channel interfaces. PIM is not supported on Layer 3 Out SVI interfaces.

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 92

A customer migrates a legacy environment to Cisco ACI. A Layer 2 trunk is configured to interconnect the two environments. The customer also builds ACI fabric in an application-centric mode. Which feature should be enabled in the bridge domain to reduce instability during the migration?

- A. Set Multi-Destination Flooding to Flood in BD.
- B. Disable Endpoint Dataplane Learning
- C. Enable Flood in Encapsulation.
- D. Set Multi-Destination Flooding to Flood in Encapsulation.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 93

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

Answer: A ([LEAVE A REPLY](#))

Reference:

https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c07-732033.html#_Toc395143571

NEW QUESTION: 94

The unicast routing feature is enabled on the bridge domain. Which two conditions enable the Cisco ACI leaf to learn a source IP as a local endpoint? (Choose two.)

- A. Through Ethernet traffic received in a bridge domain.
- B. IP traffic routed through an SVI.
- C. Through VXLAN traffic received on the uplink.
- D. IP traffic routed through a Layer 3 Out.
- E. Through ARP received on an SVI.

Answer: B,E ([LEAVE A REPLY](#))

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

A Cisco ACI leaf switch follows these steps to learn a local endpoint MAC address and IP address:

1. The Cisco ACI leaf receives a packet with a source MAC Address (MAC A) and source IP Address (IP A).
2. The Cisco ACI leaf learns MAC A as a local endpoint.
3. The Cisco ACI leaf learns IP A tied to MAC A if the packet is an ARP packet.
4. The Cisco ACI leaf learns IP A tied to MAC A if the packet is routed.



In Figure 5, the packet is Layer 3 traffic with the Cisco ACI bridge domain Switch Virtual Interface (SVI) as its default gateway. Therefore, both the MAC address and IP address (Src MAC S and Src IP 192.168.1.1 in the figure) are learned as a single local endpoint on LEAF1, and only IP address 192.168.1.1 is learned as a remote endpoint on LEAF2.

NEW QUESTION: 95

An engineer must connect Cisco ACI fabric using Layer 2 with external third-party switches. The third-party switches are configured using 802.1s protocol. Which two constructs are required to complete the task?

(Choose two.)

- A. spanning tree policy for mapping MST Instances to VLANs
- B. MCP policy with PDU per VLAN enabled
- C. MCP instance policy with administrative slate disabled
- D. dedicated EPG for native VLAN
- E. static binding of native VLAN in all existing EPGs

Answer: A,D (LEAVE A REPLY)

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/BRKACI-3101.pdf>

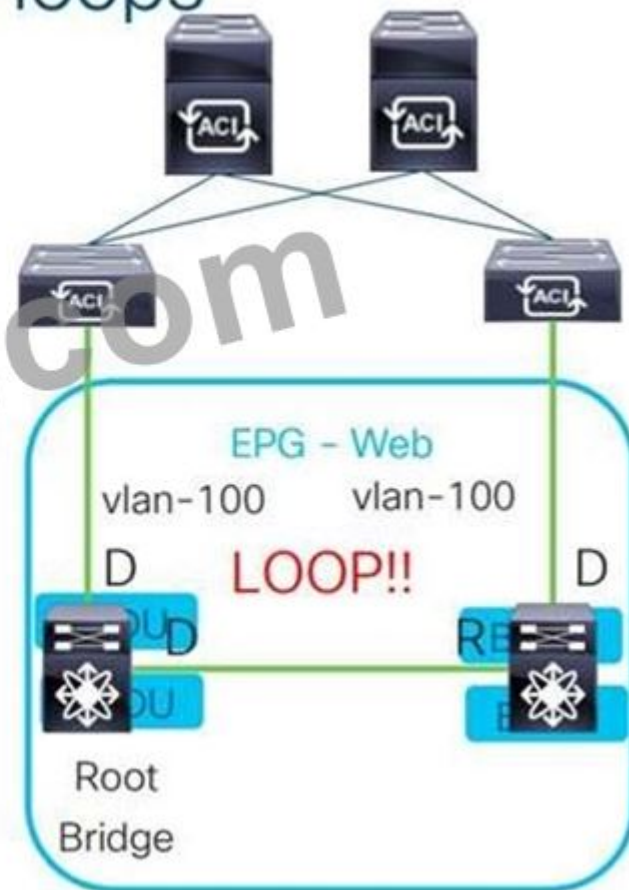
<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c07-732033.html>

Common mistakes that cause loops

Missing untagged/native EPG in MST region

MST BPDUs are sent untagged by switches and will only be accepted by leaf if an EPG is deployed with an untagged/native EPG path binding.

All interfaces connected to a common MST region should have the same EPG deployed (this is to ensure BPDU is flooded to all of the MST switches connected to fabric).

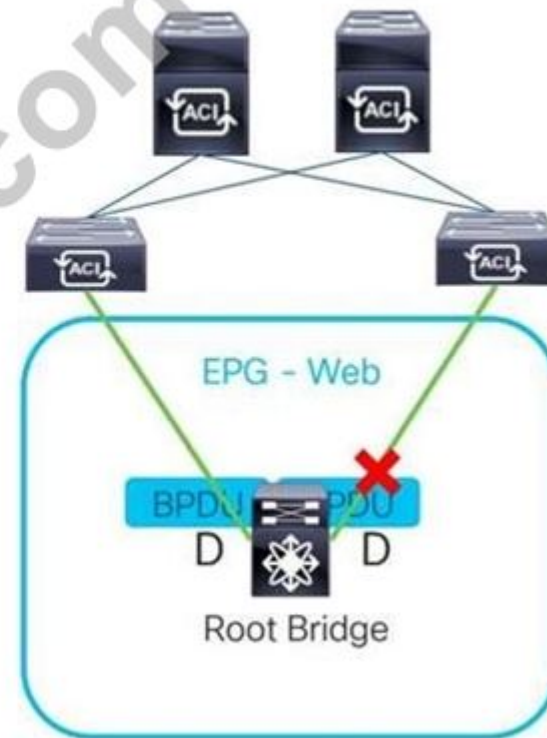


Spanning Tree

ACI floods BPDUs in the fabric encap

- ACI leaves don't participate in spanning tree (generate BPDUs or block any ports)
- STP BPDUs (PVST or MST) are flooded within the fabric/EPG encap (allocated per vlan encap in a domain)
- Leaves flush endpoints in the EPG if a TC BPDU is received.
 - Spanning Tree Domain policy determines which EPGs to flush for MST domain TCs

NOTE: MST BPDUs are untagged and require an untagged/native EPG to be deployed on all interfaces connected to MST domain (this includes L3outs using SVIs)



With PVST and RPVST, the VLAN tag in the BPDUs TCN frame indicates the VLAN that had a topology change. The APIC flushes the MAC addresses for the EPG that maps to the outside VLAN. With MST, the BPDUs frame only indicates the instance ID that had the topology change. In order for the APIC to identify the EPGs for which the MAC entries need to be flushed, the user needs to configure a policy to create an STP instance to VLAN mapping on the APIC.

There are three major steps to follow in order to create the STP instance to VLAN mapping on the APIC. First, create a spanning tree policy under menu Fabric→Access Policies→Switch Policies→Policies→Spanning Tree. There is a policy named "default" created already. Under this policy, configure the MST region name, create an instance to VLAN mapping, and make sure they match with the MST configuration on the outside network. In the example in Figure 66, there are two instances: instance one has VLAN 10 to 20, and instance two has VLAN 21 to 30 (not shown in the Figure 73 screen capture).

NEW QUESTION: 96

Which type of port is used for in-band management within ACI fabric?

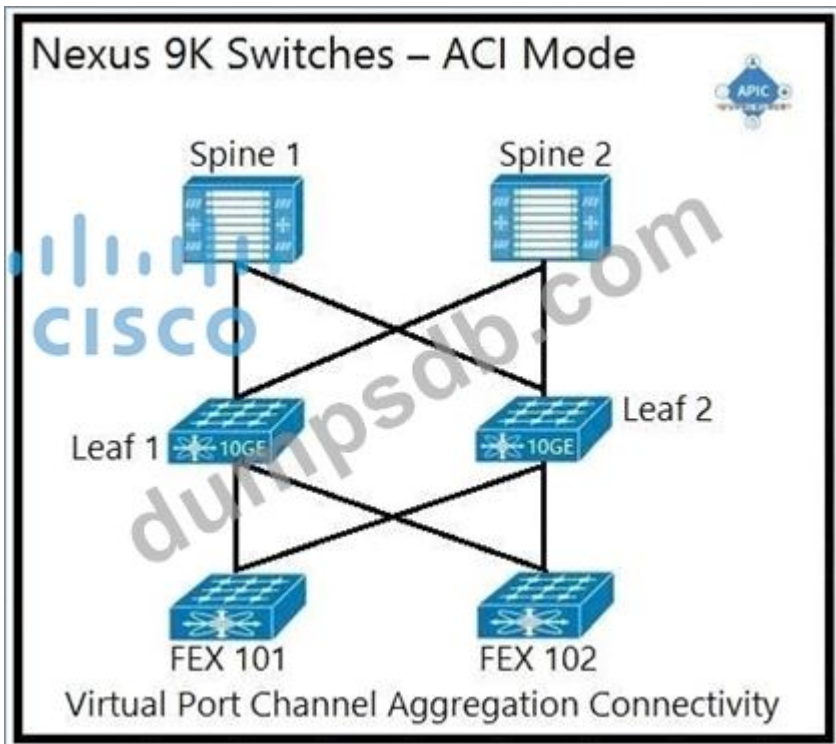
- A. APIC console port
- B. leaf access port
- C. management port
- D. spine switch port

Answer: B (LEAVE A REPLY)

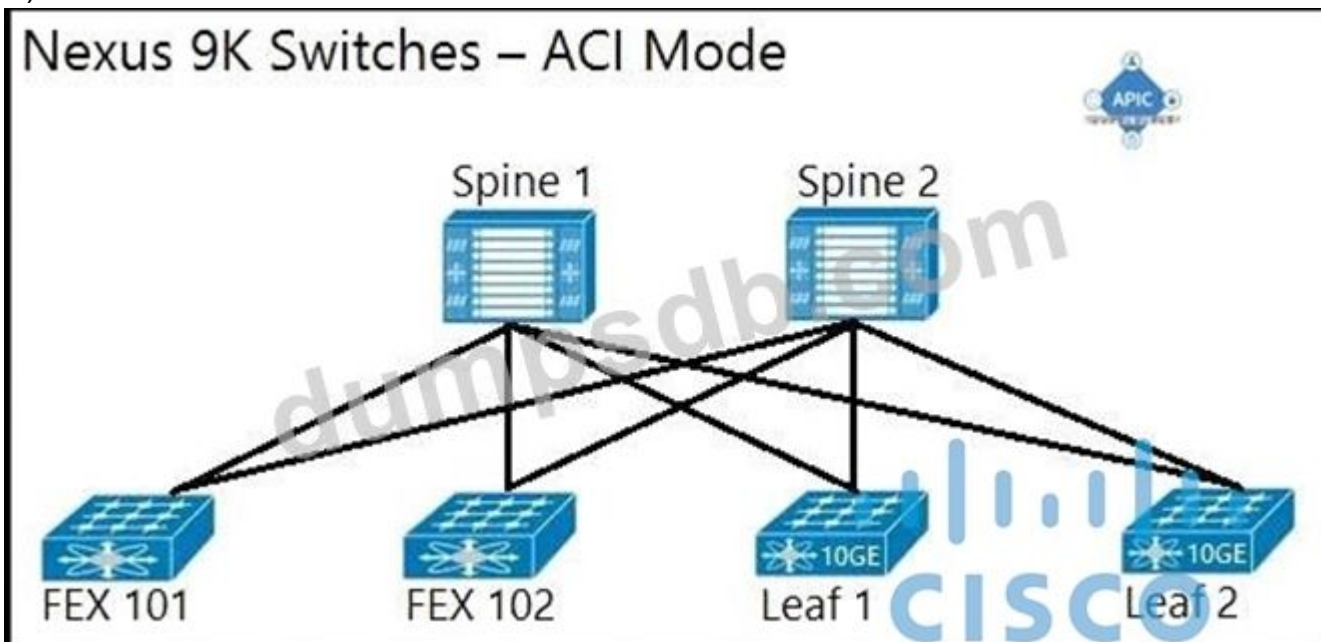
NEW QUESTION: 97

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)

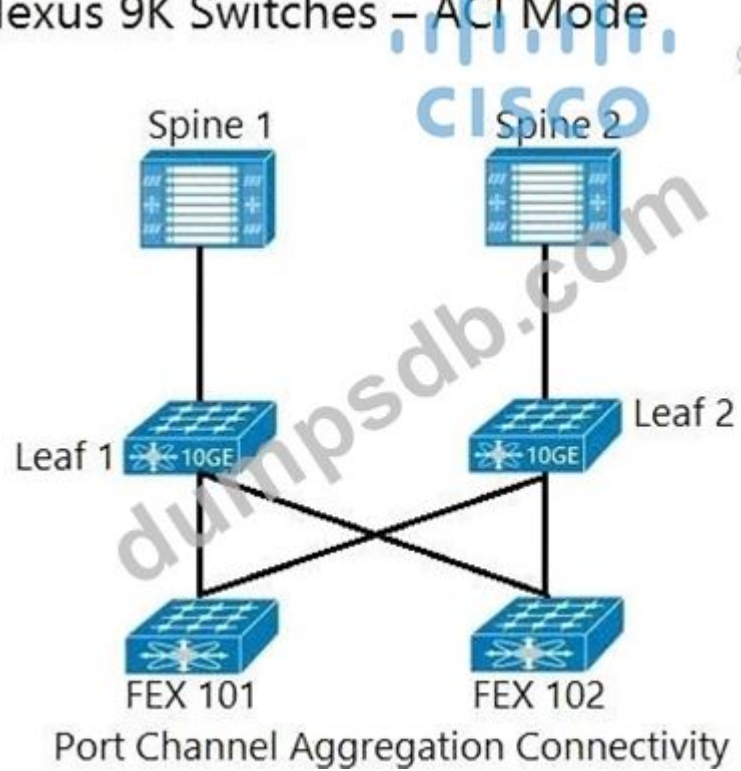


B)

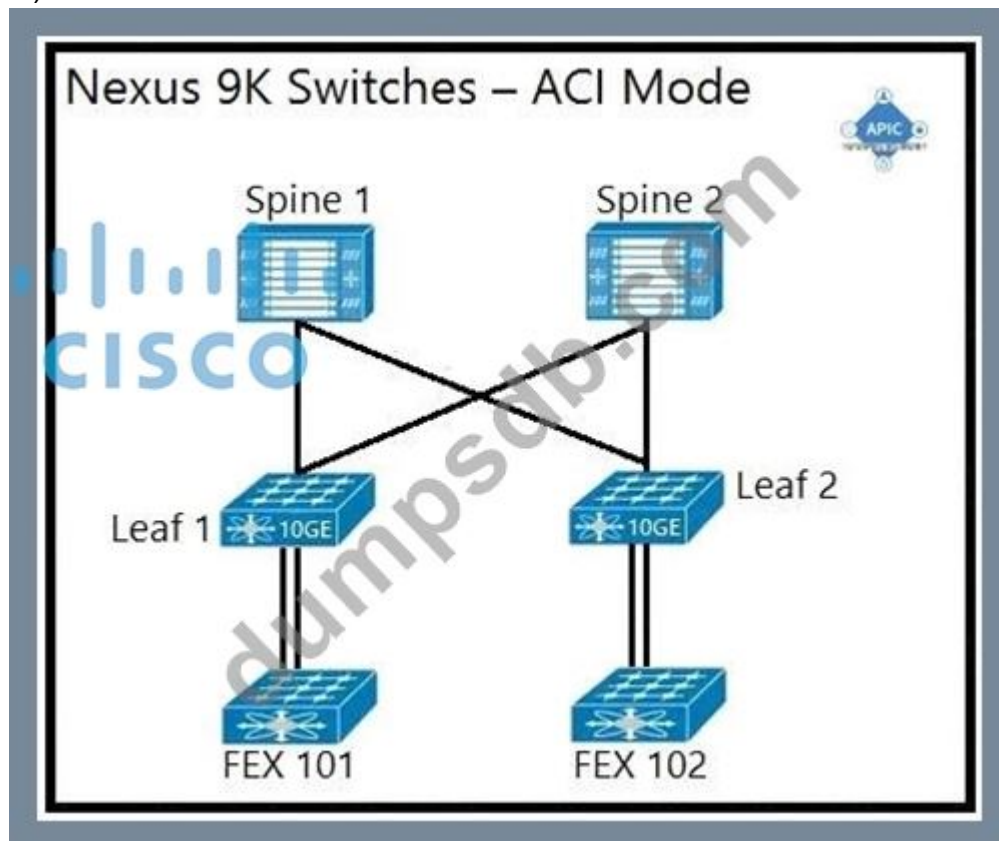


C)

Nexus 9K Switches – ACI Mode



D)



- A. Option D
- B. Option C
- C. Option A
- D. Option B

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 98

What must be configured to redistribute externally learned OSPF routes within the ACI fabric?

- A. BGP Inter-leak Route Map
- B. PIM Sparse Mode
- C. BGP Route Reflector
- D. Route Control Profile

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 99

What do Pods use to allow Pod-to-Pod communication in a Cisco ACI Multi-Pod environment?

- A. over Layer 3 directly connected back-to-back spines
- B. over Layer 3 Out connectivity via border leafs
- C. over Layer 3 IPN connectivity via border leafs

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

From a physical perspective, the different Pods are interconnected by leveraging an "Inter-Pod Network" (IPN). Each Pod connects to the IPN through the spine nodes; the IPN can be as simple as a single Layer 3 device, or can be built with a larger Layer 3 network infrastructure, as it will be clarified in the "Inter-Pod Connectivity Deployment Considerations" section.

- D. over Layer 3 IPN connectivity via spines

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 100

Refer to the exhibit.

Edit Stats Threshold

transmit B2B credit cumulative

Normal Value:

Threshold Direction: Both Rising Falling

Rising Thresholds to Config:

- Critical
- Major
- Minor
- Warning

Rising

Set

Reset

Critical

Major

Minor

Warning

A client reports that the ACI domain connectivity to the fiber channel storage is experiencing a B2B credit oversubscription. The environment has a SYSLOG server for state collection messages. Which value should be chosen to clear the critical fault?

- A. 410
- B. 300
- C. 510
- D. 350

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 101

An engineer must implement management policy and data plane separation in the Cisco ACI fabric. Which ACI object must be created in Cisco APIC to accomplish this goal?

- A. Contract
- B. Bridge domain
- C. Application profile
- D. Tenant

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 102

Refer to the exhibit.

The screenshot shows the 'Create vCenter Domain' configuration page. The fields are as follows:

- Virtual Switch Name: Lab-VirtualSwitch
- Virtual Switch: VMware vSphere Distributed Switch (selected), Cisco AVS, Cisco AVE
- Associated Attachable Entity Profile: Lab-ApplicationAttachableAccessEn (selected)
- Delimiter: (empty)
- Enable Tag Collection:
- Access Mode: Read Only Mode, Read Write Mode (selected)
- Endpoint Retention Time (seconds): 0
- VLAN Pool: select an option
- Security Domains: (empty table with columns Name and Description)

An engineer is integrating a VMware vCenter with Cisco ACI VMM domain configuration. ACI creates port-group names with the format of "Tenant | Application | EPG". Which configuration option is used to generate port groups with names formatted as "Tenant=Application=EPG"?

- A. virtual switch name
- B. security domains
- C. enable tag collection
- D. delimiter

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 103

In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

- A. Endpoint information is not exchanged across sites unless COOP protocol is used.
- B. Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites.
- C. Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site.

D. Endpoint information is exchanged across sites when the endpoints are discovered in both sites.

Answer: A (LEAVE A REPLY)

Reference:

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

NEW QUESTION: 104

On which two interface types should a user configure storm control to protect against broadcast traffic?

(Choose two.)

- A. APIC facing interfaces
- B. port channel on a single leaf switch
- C. all interfaces on the leaf switches in the fabric
- D. endpoint-facing trunk interface
- E. fabric uplink interfaces on the leaf switches

Answer: B,D (LEAVE A REPLY)

Section: External Network Connectivity

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_01010.html

NEW QUESTION: 105

When creating a subnet within a bridge domain, which configuration option is used to specify the network visibility of the subnet?

- A. subnet control
- B. limit IP learning to subnet
- C. gateway IP
- D. scope

Answer: C (LEAVE A REPLY)

NEW QUESTION: 106

Refer to the exhibit.

```
<fvTenant name="ACILab">
  <fvCtx name="pvn1" />
  <fvBD name="bd1">
    <fvRsCtx tnFvCtxName="pvn1"/>
    <fvSubnet ip="10.1.100.1/24"/>
  </fvBD>
</fvTenant>
```

Which two objects are created as a result of the configuration? (Choose two.)

- A. bridge domain
- B. attachable AEP
- C. application profile

D. endpoint group

E. VRF

Answer: ([SHOW ANSWER](#))

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 107

Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

A. The source MAC and IP address of the traffic is learned as a local endpoint.

B. The source MAC address of the traffic is learned as a remote endpoint.

C. No source MAC or IP address of the traffic is learned as a remote endpoint.

D. The source IP address of the traffic is learned as a remote endpoint.

Answer: B ([LEAVE A REPLY](#))

Reference:

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

NEW QUESTION: 108

Refer to the exhibit.

Create vCenter Domain

Profile name	Username	Description
Lab-VCenter	admin	

Name	IP	Type	Stats Collection
Lab-VCenter	vcenter.aci.lab	vCenter	Disabled

Port Channel Mode:

- Static Channel - Mode On
- LACP Active
- LACP Passive
- MAC Pinning+
- MAC Pinning-Physical-NIC-load

Cancel Submit

An engineer is implementing Cisco ACI - VMware vCenter integration for a blade server that lacks support of bonding. Which port channel mode results in "route based on originating virtual port" on the VMware VDS?

- A. MAC Pinning+
- B. Static Channel - Mode On
- C. MAC Pinning-Physical-NIC-load
- D. LACP Passive
- E. LACP Active

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 109

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.

The screenshot shows a drag-and-drop interface for Cisco ACI filter entry options. On the left, five light blue boxes represent the filter entry options: Name, ARP Flag, Ether Type, IP Protocol, and Source Port From. On the right, there are two yellow boxes representing categories: 'Optional Parameters' and 'Required Parameters'. The 'Optional Parameters' box contains three empty slots, and the 'Required Parameters' box contains two empty slots.

Answer:

The screenshot shows the correct placement of filter entry options. The 'Optional Parameters' box contains ARP Flag, IP Protocol, and Source Port From. The 'Required Parameters' box contains Name and Ether Type.

NEW QUESTION: 110

Drag and drop the Cisco ACI Layer 4 to Layer 7 service insertion terms on the left to the correct descriptions on the right.

concrete interface	ensures reachability between L3 domains
service graph	rendered with local resources that are available in the fabric
device cluster	contains an active-standby pair of firewalls or load balancers
VRF stitching	encapsulations programmed based on their association with logical interfaces

Answer:

concrete interfaces	VRF stitching
service graph	service graph
device cluster	device cluster
VRF stitching	concrete interfaces

concrete interfaces	VRF stitching
service graph	service graph
device cluster	device cluster
VRF stitching	concrete interfaces

NEW QUESTION: 111

Which new construct must a user create when configuring in-band management?

- A. VLAN pool
- B. management contract
- C. management tenant
- D. bridge domain

Answer: D (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Configuring_Static_Management_Access.html

NEW QUESTION: 112

When the subnet is configured on a bridge domain, on which physical devices is the gateway IP address configured?

- A. all leaf switches and all spine nodes
- B. only spine switches where the bridge domain of the tenant is present
- C. only leaf switches where the bridge domain of the tenant is present

D. all border leaf nodes where the bridge domain of the tenant is present

Answer: C (LEAVE A REPLY)

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_0111.html

From a practical perspective, each bridge domain will exist in a particular leaf if there is a connected endpoint that belongs to that endpoint group. Each bridge domain receives a VLAN ID in the leaf switches.

NEW QUESTION: 113

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: A (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/L3-configuration/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401_chapter_01.html

NEW QUESTION: 114

Which statement regarding ACI Multi-Pod and TEP pool is true?

A. The IP addresses used in the IPN network can overlap TEP pool of the APIC.

B. A different TEP pool must be assigned to each Pod.

C. The Pod1 TEP pool must be split and a portion of the TEP pool allocated to each Pod.

D. The same TEP pool is used in all Pods.

Answer: (SHOW ANSWER)

Section: ACI Anywhere

Explanation/Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739714.html>

NEW QUESTION: 115

A Cisco ACI bridge domain and VRF are configured with a default data-plane learning configuration. Which two endpoint attributes are programmed in the leaf switch when receiving traffic? (Choose two.)

A. Local MAC, IP

B. Remote Subnet

C. Remote MAC, IP

D. Local Subnet

E. Local IP, not MAC

F. Remote IP

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 116

Which two statements regarding ACI Multi-Site are true? (Choose two.)

- A. Routers in the Inter-Site network must run OSPF, DHCP relay, and MP-BGP.
- B. The Inter-Site network routers should run OSPF to establish peering with the spines.
- C. The Multi-Site orchestrator must be directly attached to one ACI leaf.
- D. ACI Multi-Site is a solution that allows one APIC cluster to manage multiple ACI sites.
- E. ACI Multi-Site is a solution that supports a dedicated APIC cluster per site.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 117

The Application team reports that a previously existing port group has disappeared from vCenter. An engineer confirms that the VM domain association for the EPG is no longer present. Which action determines which user is responsible for the change?

- A. Evaluate the potential faults that are raised for that EPG.
- B. Check the EPG audit logs for the 'deletion' action and compare the affected object and user.
- C. Examine the health score and drill down to an object that affects the EPG combined score.
- D. Inspect the server logs to see who was logging in to the APIC during the last few hours.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 118

Which setting prevents the learning of Endpoint IP addresses whose subnet does not match the bridge domain subnet?

- A. "Limit IP learning to network" setting within the bridge domain.
- B. "Limit IP learning to subnet" setting within the EPG.
- C. "Limit IP learning to network" setting within the EPG.
- D. "Limit IP learning to subnet" setting within the bridge domain.

Answer: D ([LEAVE A REPLY](#))

Section: ACI Packet Forwarding

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html

NEW QUESTION: 119

In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

- A. Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site.
- B. Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites.
- C. Endpoint information is not exchanged across sites unless COOP protocol is used.
- D. Endpoint information is exchanged across sites when the endpoints are discovered in both sites.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 120

Which tenant is used when configuring in-band management IP addresses for Cisco APICs, leaf nodes, and spine nodes?

- A. default
- B. infra
- C. common
- D. mgmt

Answer: B (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Configuring_Static_Management_Access.html#concept_CFF63FEBE947424291B0F10E6F23DA7D

NEW QUESTION: 121

Which type of port is used for in-band management within ACI fabric?

- A. spine switch port
- B. leaf access port
- C. management port
- D. APIC console port

Answer: D (LEAVE A REPLY)

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 122

Which tenant is used when configuring in-band management IP addresses for Cisco APICs, leaf nodes, and spine nodes?

- A. common
- B. infra
- C. mgmt
- D. default

Answer: B (LEAVE A REPLY)

Valid 300-620 Dumps shared by TrainingQuiz.com for Helping Passing 300-620 Exam! TrainingQuiz.com now offer the **newest 300-620 exam dumps**, the TrainingQuiz.com 300-620 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingQuiz.com 300-620 dumps with Test Engine here: <https://www.trainingquiz.com/300-620-practice-quiz.html> (391 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)