

DUMPS ARENA

Implementing Cisco Application Centric Infrastructure (300-620 DCACI)

Cisco 300-620

Version Demo

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Topic Break Down

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QUESTION NO: 1

What two actions should be taken to deploy a new Cisco ACI Multi-Pod setup? (Choose two.)

- A. Configure MP-BGP on IPN routers that face the Cisco ACI spines.
- B. Connect all spines to the IPN.
- C. Configure anycast RP for the underlying multicast protocol
- D. Configure the TEP pool of the new pod to be routable across the IPN.
- E. Increase interface MTU for all IPN routers to support VXLAN traffic.

ANSWER: B E

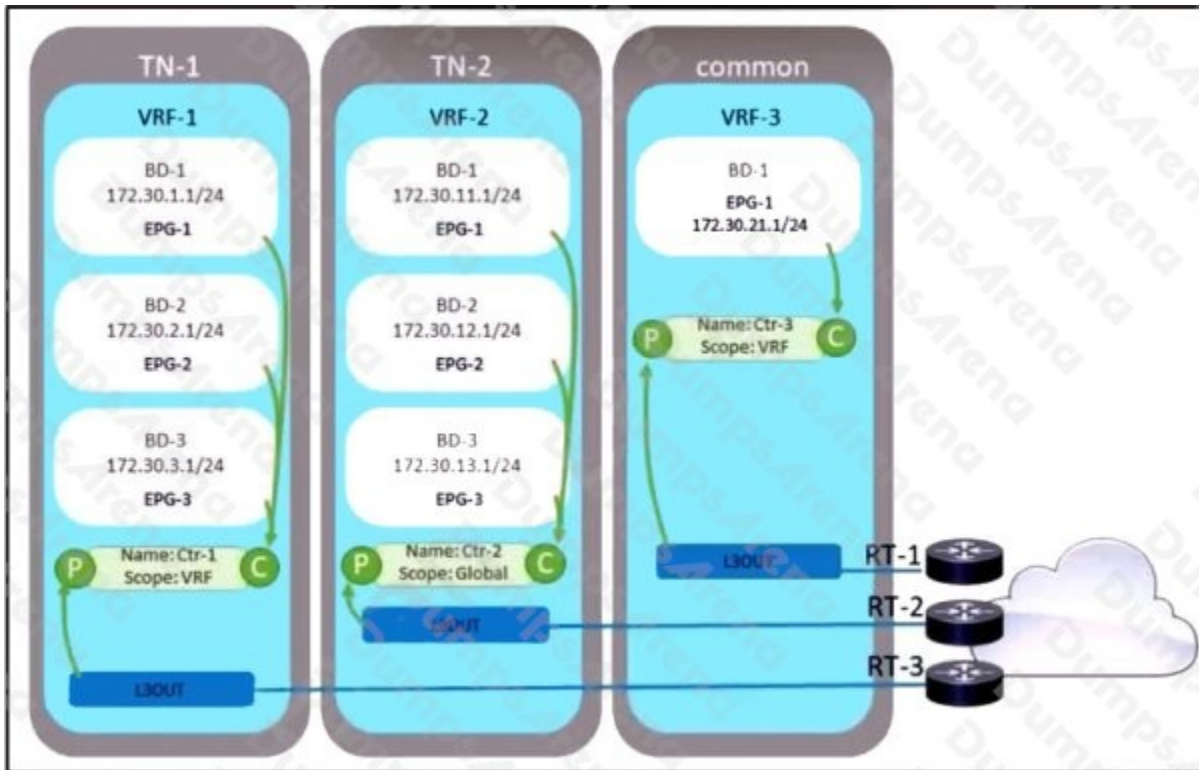
QUESTION NO: 2

What are two requirements for the IPN network when implementing a Multi-Pod ACI fabric? (Choose two.)

- A. EIGRP routing
- B. PIM ASM multicast routing
- C. BGP routing
- D. VLAN ID 4
- E. OSPF routing

ANSWER: A E

QUESTION NO: 3



Refer to the exhibit. A company decided to decrease its routing footprint and remove RT-2 and RT-3 devices from its data center. Because of that, the exit point must be created from all the tenants by using the common tenant. Which two configuration tasks must be completed to meet these requirements? (Choose two.)

- A. Move subnets from all the bridge domains to the EPG level and mark them with flag Shared between VRFs.
- B. Update the L3Out ExtEPG subnet in the common tenant with flag Shared Route Control Subnet and Aggregate Shared Routes.
- C. Mark all subnets with flag Shared between VRFs and attach contract Ctr-3 as a provider to all the EPGs.
- D. Change contract Ctr-3 scope to Global, consume it by all EPGs, and flag all subnets with flag Shared between VRFs.
- E. Export contract Ctr-2 into the tenant TN-1 and attach it as a consumer to all the EPGs in the tenant TN-1.

ANSWER: A D

QUESTION NO: 4

```
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
```

Refer to the exhibit. 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. Assign the user to the default role.
- C. Set the default login realm to LDAP.
- D. Set the fallback login to local.

ANSWER: D

QUESTION NO: 5

A network engineer configures the Cisco ACI fabric to connect to vCenter with these requirements:

Port groups must be automatically created on the distributed virtual switch.

Port groups must use the VLAN allocation in the range between 20-30.

The deployment must optimize the CAM space on the leaf switches.

Which set of actions meets these criteria?

A. Create a dynamic VLAN pool with the VLAN range of 20-30.
Create a VMM domain and associate it with the VLAN pool.
Create the EPG and associate the domain.
Set the deployment immediacy to On Demand.

B. Create a dynamic VLAN pool with the VLAN range of 20-30.
Create a physical domain and associate it with the VLAN pool.
Create the EPG and associate the domain.
Set the deployment immediacy to On Demand.

C. Create a static VLAN pool with the VLAN range of 20-30.
Create a physical domain and associate it with the VLAN pool.
Create the EPG and associate the domain.
Set the deployment immediacy to Immediate.

D. Create a static VLAN pool with the VLAN range of 20-30.
Create a VMM domain and associate it with the VLAN pool.
Create the EPG and associate the domain.
Set the deployment immediacy to Immediate.

ANSWER: A

QUESTION NO: 6

Which two dynamic routing protocols are supported when using Cisco ACI to connect to an external Layer 3 network?
(Choose two.)

- A. iBGP
- B. VXLAN
- C. IS-IS
- D. RIPv2
- E. eBGP

ANSWER: A E

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_010010.html

QUESTION NO: 7

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

ANSWER: C

QUESTION NO: 8

What are two descriptions of ACI Multi-Site? (Choose two.)

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

ANSWER: D E

QUESTION NO: 9

Which statement about ACI syslog is true?

- A. Notifications for different scopes of syslog objects can be sent to only 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.

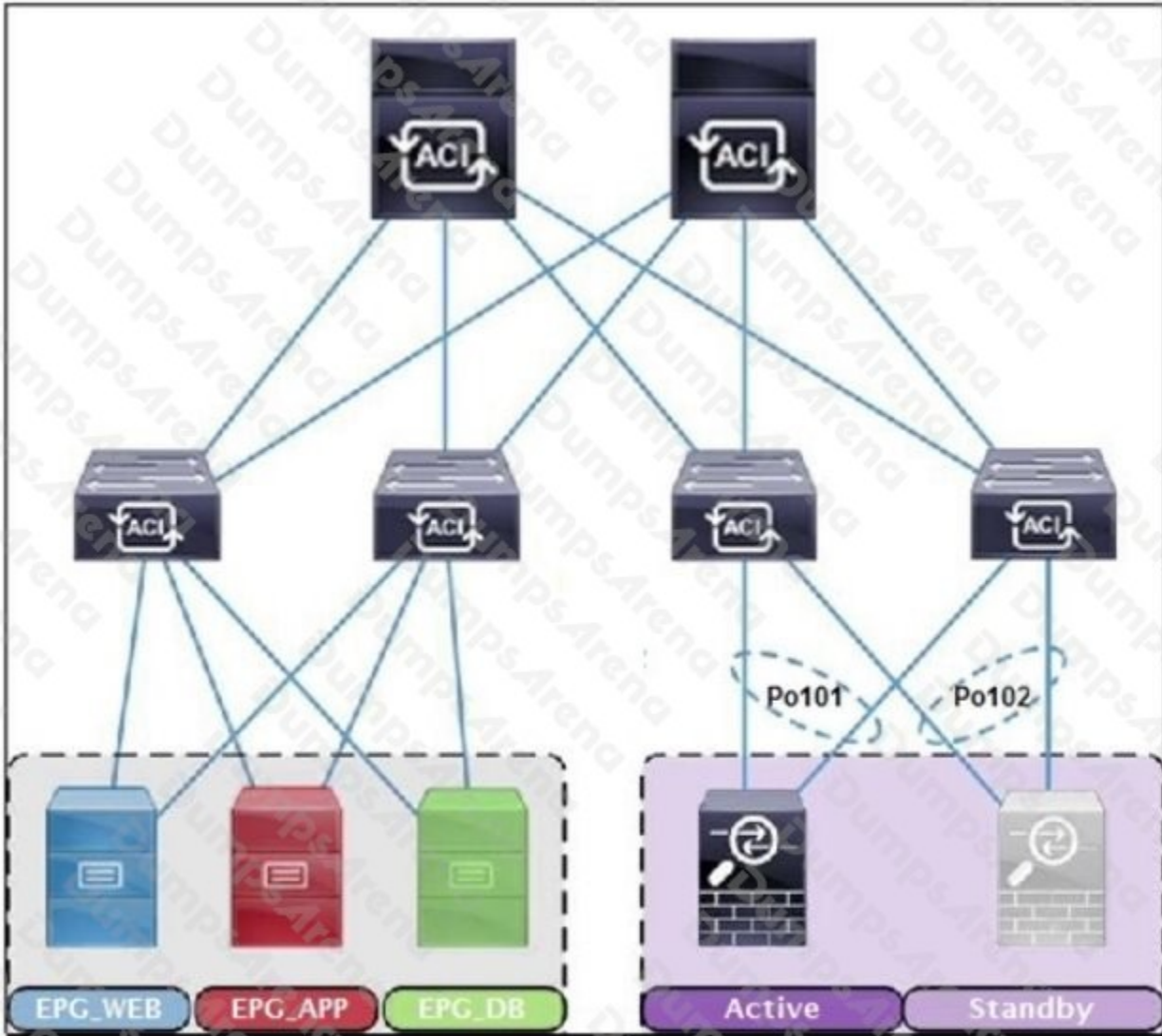
ANSWER: C**QUESTION NO: 10**

An engineer must advertise a bridge domain subnet out of the ACI fabric to an OSPF neighbor. Which two configuration steps are required? (Choose two.)

- A. Configure Subnet scope to Advertised Externally
- B. Add External Subnet for External EPG flag under External EPG.
- C. Create Route Control Profile with the export direction under External EPG.
- D. Add L3out profile to the bridge domain using Associated L3outs section
- E. Configure the Subnet under the EPG level.

ANSWER: A D**QUESTION NO: 11 - (DRAG DROP)**

DRAG DROP



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.)

Select and Place:

Answer Area

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:

Answer Area

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 enabled anycast and the Layer 3 destination.

Select a redirect policy with enabled anycast and the Layer 3 destination.

Select the existing contract with custom IP EtherType filter.

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.

Apply a service graph template and select vzAny EPG as the consumer and provider.

Select the existing contract with custom IP EtherType filter.

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/3-x/L4-L7_services_deployment/3_2_1/b_L4L7_Deploy_321/b_L4L7_Deploy_321_chapter_01001.html

QUESTION NO: 12

A bridge domain for a new endpoint group in the Cisco ACI fabric must meet these requirements:

The bridge domain must function as the default gateway for the subnet so that routing remains within the Cisco ACI fabric.

ARP requests must be managed via Layer 3 unicast packets or be dropped to reduce excessive broadcast traffic.

The impact of misconfigured virtual machines must be kept to a minimum by preventing IP addresses outside of the configured subnet from being routed.

Which set of actions must be taken?

- A. Disable ARP Flooding.
- Enable Limit IP Learning to Subnet.
- Enable Unicast Routing on the bridge domain and configure a subnet.

B. Enable Limit IP Learning to Subnet.
Enable Unicast Routing on the bridge domain and configure a subnet.
Set Multi-Destination Flooding to Flood in BD.

C. Set Endpoint Retention Policy to default.
Enable ARP Flooding.
Enable Unicast Routing on the bridge domain and configure a subnet.

D. Enable Unicast Routing on the bridge domain and configure a subnet.
Set L2 Unknown Unicast to Flood.
Disable Endpoint Retention Policy.

ANSWER: D

QUESTION NO: 13

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

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

QUESTION NO: 14

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.** IS-IS
- D.** STP

ANSWER: B

QUESTION NO: 15

An engineer is implementing a connection that represents an external bridged network. Which two configurations are used? (Choose two.)

- A. Layer 2 remote fabric
- B. Layer 2 outside
- C. Layers 2 internal
- D. Static path binding
- E. VXLAN outside

ANSWER: A B