

300-620^{Q&As}

Implementing Cisco Application Centric Infrastructure (DCACI)

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QUESTION 1

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.

Correct Answer: D

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

QUESTION 2

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

1.

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

2.

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

3.

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.

Correct Answer: A

<https://community.cisco.com/t5/data-center-and-cloud-knowledge-base/apic-policy-deployment-and-resolution-immediacy-for-avs-vmm/ta-p/3134812>

QUESTION 3

An engineer must configure a Layer 3 connection to the WAN router. The hosts in production VRF must access WAN subnets. The engineer associates EPGs in the production VRF with the external routed domain. Which action completes the task?

- A. Configure the Export Route Control Subnet scope for the external EPG.
- B. Configure the External Subnets for the External EPG scope for the external EPG.
- C. Configure the Import Route Control Subnet scope for the external EPG.
- D. Configure the Shared Route Control Subnet scope for the external EPG.

Correct Answer: B

External Subnets for the External EPG (also called Security Import Subnet) - This option does not control the movement of routing information into or out of the fabric. If you want traffic to flow from one external EPG to another external EPG or to an internal EPG, the subnet must be marked with this control. If you do not mark the subnet with this control, then routes learned from one EPG are advertised to the other external EPG, but packets are dropped in the fabric. The drops occur because the APIC operates in a allowed list model where the default behavior is to drop all data plane traffic between EPGs, unless it is explicitly permitted by a contract. The allowed list model applies to external EPGs and application EPGs. When using security policies that have this option configured, you must configure a contract and a security prefix.

QUESTION 4

An engineer configures a one-armed policy-based redirect service Insertion for an unmanaged firewall. The engineer configures these Cisco ACI objects:

1.
a contract named All_Traffic_Allowed
2.
a Layer 4 to Layer 7 device named FW-Device
3.
a policy-based redirect policy named FW-1Arm-Policy-Based RedirectPolicy

Which configuration set redirects the traffic to the firewall?

- A. Configure a policy-based redirect subject. Associate the policy-based redirect subject with All_Traffic_Allowed.
- B. Configure a firewall bridge domain. Associate the bridge domain with FW-Device.
- C. Configure a device interface policy. Associate the device interface policy with FW-Device.
- D. Configure a service graph. Associate the service graph with All_Traffic_Allowed.

Correct Answer: D

QUESTION 5

An engineer must add new servers to a Cisco ACI cluster and configure ports to accept the new servers. The existing servers are dual-homed to Leaf101 and Leaf102 using ports 1-3 and an interface policy group called cluster1_ifpg. The new servers must use ports 1 and 2 on Leaf103 and Leaf104. Which two actions must be taken to enable the ports with the same configuration as the existing servers in the cluster? (Choose two.)

- A. Attach interface selectors to leaf profiles Leaf103 and Leaf104.
- B. Use interface selector for cluster1_ifpg.
- C. Connect with interface selector using a new AEP.
- D. Configure interface selector using a new interface policy group.
- E. Select ports 1 and 2 using interface selectors.

Correct Answer: AE

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