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## Q&A

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**Exam** : **300-170**

**Title** : Implementing Cisco Data  
Center Virtualization and  
Automation

**Version** : DEMO

1.You discover that a VLAN is not enabled on a leaf port even though an EPG is provisioned.

Which cause of the issue is most likely true?

- A. Cisco Discovery Protocol is enabled in the interface policy group.
- B. A VLAN pool is not defined under the associated physical domain.
- C. The VLAN is not specified in a contract.
- D. An interface policy must define the VLAN pool.

**Answer: B**

**Explanation:**

Reference:

<http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/virtualization/>

[b\\_ACI\\_Virtualization\\_Guide\\_2\\_0\\_1x/](#)

[b\\_ACI\\_Virtualization\\_Guide\\_2\\_0\\_1x\\_chapter\\_010.html#concept\\_C3EF1E36E8F6406A96A71E605AC175BD](#)

2.Which option are L4-L7 devices registered as on a Cisco APIC?

- A. one virtual device
- B. a cluster
- C. one physical device
- D. more virtual devices

**Answer: B**

3.Which configuration is needed to extend the EPG out of the Cisco ACI fabric?

- A. Create external bridged networks.
- B. Statically assign a port to EPG.
- C. Apply a policy between the internal and the external EPG.
- D. Extend the tenant subnet of the bridge domain out of the fabric.

**Answer: B**

4.The behavior of which packet type can be controlled by selecting unicast mode or flood mode in a bridge domain?

- A. ARP
- B. unknown unicast
- C. LLDP D. CDP

**Answer: B**

5.You deploy a Cisco Nexus 1000V Series Switch that has VXLAN support. You must ensure that baremetal servers and virtual servers can communicate.

Which technology must you implement?

- A. Cisco Nexus Cloud Service Platform
- B. A-FEX
- C. SGT
- D. VM-FEX

**Answer: A**

**Explanation:**

Reference:

[http://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/guide\\_c07-728864.html](http://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/guide_c07-728864.html)