

# Cisco

## Exam 700-703

### Cisco Application Centric Infrastructure for Field Engineers Exam

Version: Demo

**[ Total Questions: 10 ]**

**Question No : 1**

To which layer of the OSI model would the ACI concepts of policy, AEP and physical and VMM domains?

- A. Physical
- B. Data link
- C. Network
- D. Transport
- E. Presentation
- F. Application
- G. session

**Answer: B**

**Explanation:** An override policy at AEP can be used to specify a different physical interface policy for a VMM domain. This policy is useful in scenarios where a hypervisor is connected to the leaf switch through an intermediate Layer 2 node, and a different policy is desired at the leaf switch and hypervisor physical ports. For example, you can configure LACP between a leaf switch and a Layer 2 node. At the same time, you can disable LACP between the hypervisor and the Layer 2 switch by disabling LACP under the AEP override policy.

The layer 2 is Data link layer

Reference: [http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b\\_ACI-Fundamentals/b\\_ACI\\_Fundamentals\\_BigBook\\_chapter\\_0111.html](http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI_Fundamentals_BigBook_chapter_0111.html)

**Question No : 2**

Which option lists the endpoint groups that are supported in an ACI fabric?

- A. Bridge domain, VTEPs, IP subnets, virtual ports, and physical ports.
- B. Bridge domain, VMM, virtual ports, VXLAN, and NVGRE.
- C. VLANs, IP subnets, physical ports, VXLAN, and NVGRE.
- D. VLANs, virtual ports, physical ports, VXLAN, and NVGRE.

**Answer: D**

**Explanation:**

Endpoint groups (EPGs) group servers or services with similar policy requirements. For

example, SharePoint has three tiers that require different behavior on the network: web, application, and database. All SharePoint database servers belong to the same database EPG. Each device inside of an EPG is an individual endpoint. There are several ways to group endpoints to EPGs, which include identifiers like VLAN, VXLAN, and NVGRE tags; physical ports or leaves; and virtual ports using VMware integration. Each EPG is associated to one bridge domain, which should contain the default gateways required by all endpoints in the group.

Reference: [http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/guide-c07-733638.html#\\_Toc409562795](http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/guide-c07-733638.html#_Toc409562795)

### Question No : 3

What is the VXLAN source groupfield used for in an ACI fabric?

- A. to distribute bridge domain information in the fabric
- B. to identity IP subnets that are required for each application function
- C. to identify specific endpoints for each application function
- D. to enable VMM reporting of virtual machine creation to the fabric

**Answer: C**

#### **Explanation:**

VXLAN Source Group is used as a tag/label to identify the specific end point of each application function (EPG)

Reference:

[http://www.cisco.com/assets/global/NO/events/2015/partnerday/pdf/9\\_2\\_Kjetil\\_Berge\\_-\\_Application\\_Centric\\_Infrastructure.pdf](http://www.cisco.com/assets/global/NO/events/2015/partnerday/pdf/9_2_Kjetil_Berge_-_Application_Centric_Infrastructure.pdf)

### Question No : 4

What are the four aspects of an endpoint group contract?

- A. subject, filter, action, ports
- B. subject action, path, label

- C. subject, filter, action, label
- D. subject, filter, path, action

**Answer: C**

Reference: [http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b\\_ACI-Fundamentals/b\\_ACI-Fundamentals\\_chapter\\_010001.html#concept\\_BB2C061C03F64C50BCDE9BB90BDA6919](http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_010001.html#concept_BB2C061C03F64C50BCDE9BB90BDA6919)

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**Question No : 5**

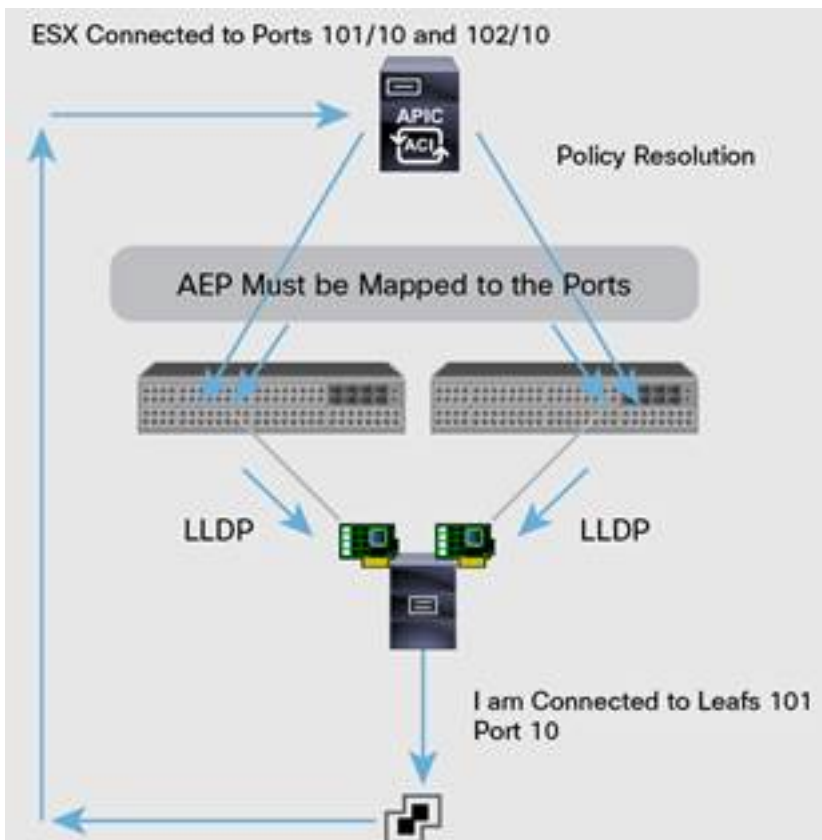
Which protocol is used by the ACI fabric to learn the location of ESX hosts?

- A. Council of Oracles Protocol
- B. Link Aggregation Control Protocol
- C. Link Layer Discovery Protocol
- D. Cisco Discovery Protocol

**Answer: C**

**Explanation:**

Discovery of Ports to Which VMware ESX Hosts Are Attached



[http://www.cisco.com/c/dam/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-731960.doc/\\_jcr\\_content/renditions/white-paper-c11-731960\\_51.jpg](http://www.cisco.com/c/dam/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-731960.doc/_jcr_content/renditions/white-paper-c11-731960_51.jpg)

In the example in the figure:

The AEP must be mapped to the ports.

The VMware ESX host discovers the neighbors through LLDP and communicates this information to VMware vCenter, which in turn provides it to Cisco APIC

Reference:<http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-731960.html>

### Question No : 6




Which application-centric infrastructure container is used for IP subnets and can be used to define a Layer 2 boundary?

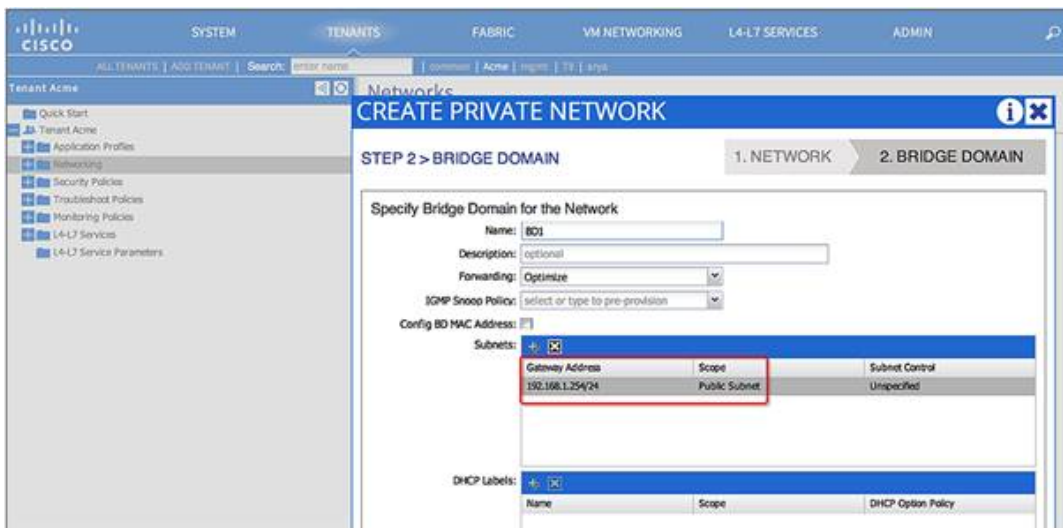
- A. bridge domain
- B. tenant
- C. endpoint group
- D. VLAN
- E. Private network (layer 3)

**Answer: A**

#### Explanation:

A bridge domain is a construct used to define a Layer 2 boundary within the fabric. A bridge domain can be viewed as somewhat similar to regular VLANs in a traditional switching environment.

-  Specify a bridge domain in the private network.
-  Specify the bridge domain name in the Name field (BD1).
-  Click the + sign next to Subnets to add a public subnet (192.168.1.254/24) to associate with BD1. This public subnet will advertise to ISP1



**Question No : 7**

Which two configurations must be used when configuring the ACI fabric for OSPF? (Choose two).

- A. There must be one OSPFv2 adjacency per tenant.
- B. The ACI fabric must be configured in Area 0.
- C. The ACI fabric must be configured as a stub network.
- D. The ACI fabric must be configured as a transit network.
- E. The OSPF timers for the fabric must match the private network.

**Answer: C,E**

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

**Question No : 8**

Which best practice for virtual machine management domains must be used in an ACI fabric?

- A. Combine the endpoint groups that are associated with the VMM domains.

- B. Combine the application network profiles that are used by both VMM domains.
- C. Separate the VMM administration space across different leaf nodes.
- D. Separatethe VLANnamespacewhen VMMdomainsshare a top-of-rack switch.

**Answer: C**

**Question No : 9**

Which option is used in ACI for peer communication and path recovery of virtual port channels?

- A. ACI fabric
- B. unicast VTEP
- C. peer link
- D. spine ports

**Answer: A**

**Question No : 10**

Which two optionsdescribe information that is includedin the VXLANVNIDtoidentify forwardinginformationbetween theingress nodes?(Choose two)

- A. APIC that set the VXLAN VNID.
- B. Egress node that set the VXLAN VNID.
- C. VRF context to which the packet belongs.
- D. EPG from which the frame is sourcedand the bridge domain to which this packet is forwarded.
- E. List of spine and leaf nodesthrough which the packet flow.

**Answer: C,D**

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