

Cisco

Exam 700-702

Cisco Application Centric Infrastructure for System Engineers

Version: Demo

[Total Questions: 10]

Question No : 1

Where is a packet forwarded if the global station table on an ingress leaf does not contain an entry for destination IP address?

- A. The packet is dropped.
- B. Address contained within the ARP packet
- C. Spine proxy VTEP
- D. Leaf VTEP
- E. Border leaf VTEP
- F. Leaf vPC VTEP
- G. Multicast group VTEP

Answer: C

Question No : 2

Which three statements about a Cisco ACI Layer 3 connection to an external network are true? (Choose three.)

- A. The Cisco ACI fabric is considered a transit network.
- B. Routes learned from the outside are redistributed into ISIS.
- C. Routes learned from the outside are redistributed into MP-BGP.
- D. A leaf switch can peer with an external router.
- E. A leaf switch cannot peer with an external router.
- F. The Cisco ACI fabric is intended to be a stub network.

Answer: C,D,F

Question No : 3

Which two statements about the Cisco ACI Layer 4 to Layer 7 service integration are true? (Choose two.)

- A. Cisco ACI fabric cannot detect when a server detaches from the network.
- B. Cisco ACI fabric cannot detect when a new server attaches to the network.
- C. When an endpoint detaches from the Cisco ACI fabric, the Cisco APIC cannot notify the Layer 4 to Layer 7 service to dynamically remove configuration.
- D. When an endpoint detaches from the Cisco ACI fabric, the Cisco APIC can notify the

Layer 4 to Layer 7 service to dynamically remove configuration.

E. When a new endpoint attaches to the Cisco ACI fabric, the Cisco APIC can notify the Layer 4 to Layer 7 service to dynamically add additional configuration.

F. When a new endpoint attaches to the Cisco ACI fabric, the Cisco APIC cannot notify the Layer 4 to Layer 7 service to dynamically add additional configuration.

Answer: D,E

Explanation: Endpoint and Network Event APIs

The following APIs are called when an endpoint or a network configuration changes for endpoint groups (EPGs) that are associated with the graph:

```
def attachEndpoint( device, configuration, endpoints )
def detachEndpoint( device, configuration, endpoints )
def attachNetwork( device, configuration, networks)
def detachNetwork( device, configuration, networks )
```

These APIs are called only if the device specification supports an endpoint or network attach notification and you have enabled a notification on the function connector. The AttachEndpoint and DetachEndpoint events are called when an endpoint within an EPG attaches or detaches. The network APIs are called when you modify the subnet configuration under the bridge domain or EPG. These APIs provide information to enable the automation of any service function configuration that should be modified on an endpoint or network configuration change. An example would be if you dynamically add and remove a server from a pool that is attached to a load balancer or dynamically update a subnet within an access list defined for a firewall. The device specification file can define an empty function that returns success in the return format that is required by the APIC. It is not mandatory to support endpoint or network event handling functionality.

Question No : 4

What is a Cisco ACI VMM?

- A.** Virtual Machine Mobility
- B.** Virtual Machine Controller
- C.** Virtual Machine Monitor
- D.** Virtual Machine Manager

Answer: D

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#concept_D579A82E924643F58C64EC7D63E7D9E3

Question No : 5

What is accomplished when you install a bounce entry in a leaf?

- A. Eliminate loops
- B. Forward GARP packets
- C. Redirect traffic to old VTEP destination
- D. Redirect traffic to new VTEP destination

Answer: D

Explanation: Under a normal migration, when a VM moves due to vMotion onto a leaf that does not have those EPGs and VLANs programmed, the will be deployed immediately. vCenter/ESXI host will send a GARP to ACI, the old leaf will bounce traffic to the new location of the endpoint and traffic/learning will occur. The bounce entry will stick around for a bit (about 5 minutes) and then be removed. The EPGs, VLANs, and Default Gateway will be deployed as soon as the move is detected and there will be little to no downtime (i usually see 0-1 ping loss, most of the time just increased latency)

<https://supportforums.cisco.com/discussion/12394516/importance-your-management-network-aci-world>

Question No : 6

Which type of links connect the spines and leaves?

- A. 40GE
- B. 1GE
- C. 10GE
- D. 100GE

Answer: A

Reference: <http://thenetworksurgeon.com/cisco-spine-and-leaf-architecture-discussion-nexus-5500-vs-6001/>

Question No : 7

A shard is a unit of data. How many copies does each Cisco APIC shard have including the active shard?

- A. 5
- B. 4
- C. 3
- D. 1
- E. 2

Answer: B

Reference: <http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/unified-fabric/white-paper-c11-730021.html> (effect of replication on reliability)

Question No : 8

What is needed to forward IP multicast between bridge domains?

- A. Forwarding IP multicast between bridge domains is not possible
- B. External rendezvous point
- C. External PIM router
- D. External Layer 2 switch
- E. External OSPF router

Answer: E

Question No : 9

In the Cisco ACI fabric, which device enforces the policy?

- A. VM NIC
- B. Hypervisor switch
- C. Spine proxy
- D. Cisco APIC
- E. Ingress leaf
- F. Egress leaf

Answer: F

Reference: <http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-731310.html> (cisco APIC policy enforcement, see the paragraph below Figure 11)

Question No : 10

Which Cisco ACI element instantiates the policy into hardware?

- A. Cisco APIC
- B. Spine
- C. Leaf
- D. Router
- E. Controller

Answer: C

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