Exam Questions 300-620

Implementing Cisco Application Centric Infrastructure (DCACI)

https://www.2passeasy.com/dumps/300-620/

**NEW QUESTION 1**
An engineer is implementing a Cisco ACI data center network that includes Cisco Nexus 2000 Series 10G fabric extenders. Which physical topology is supported?

A.
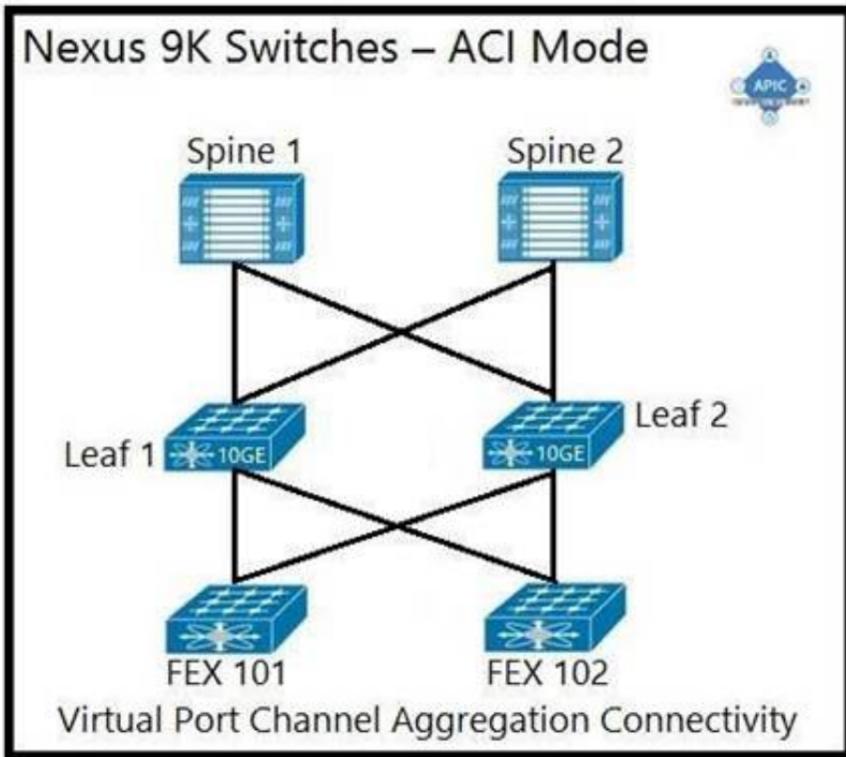
B.
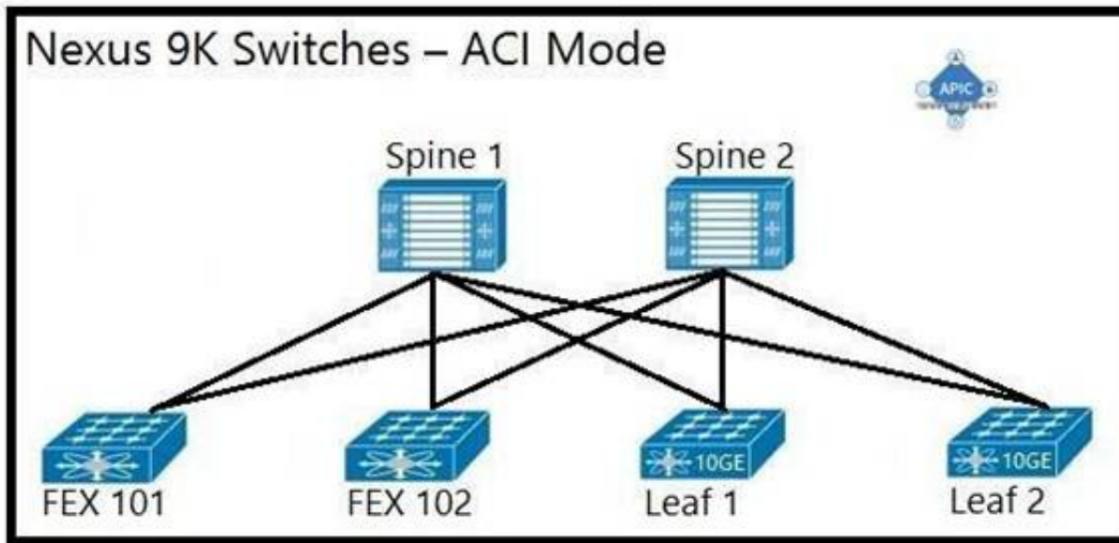
C.
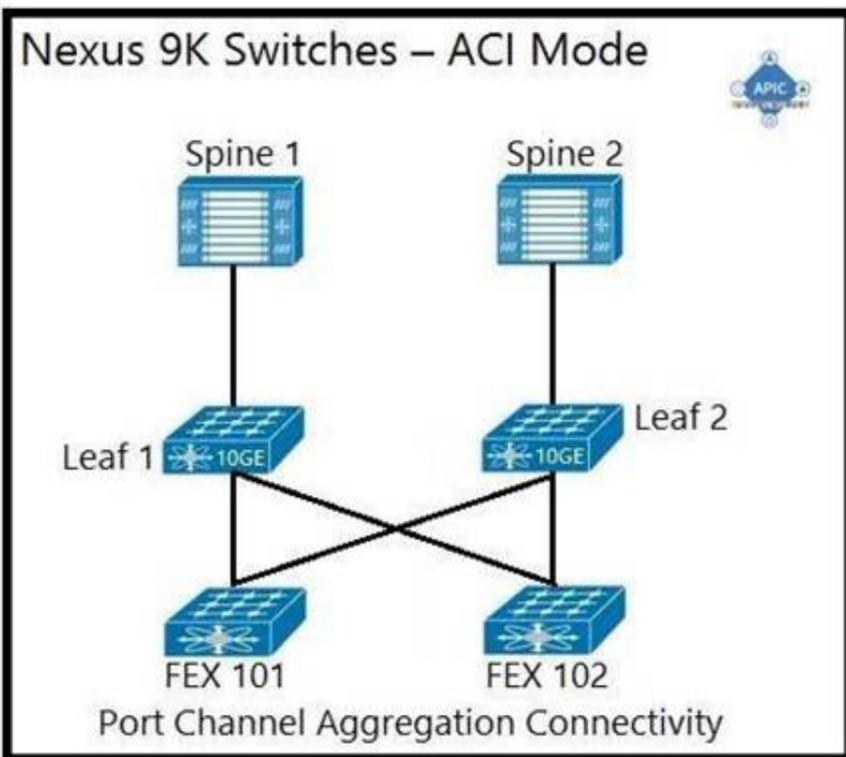
A.
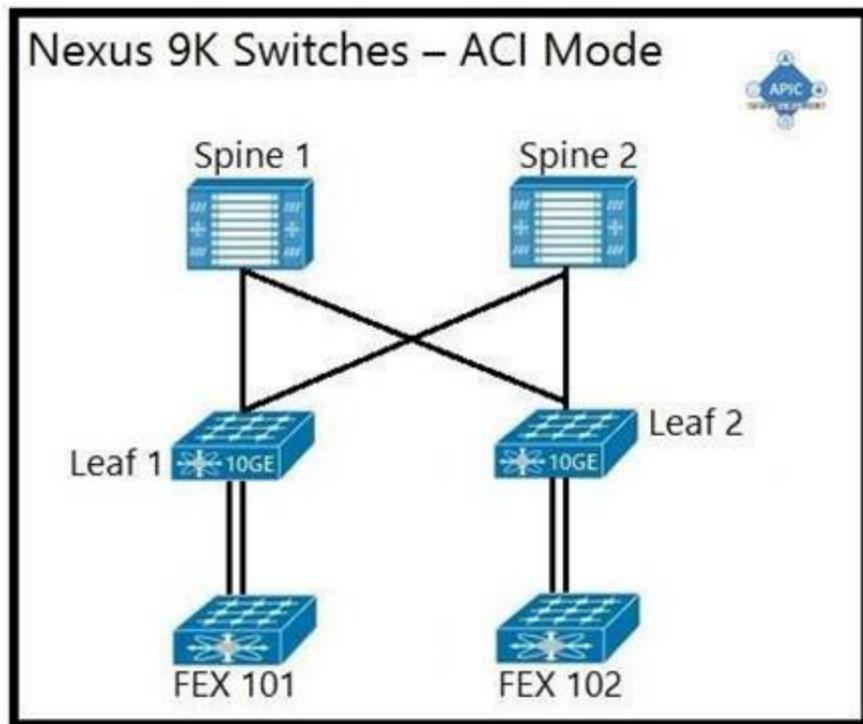
Answer: D

NEW QUESTION 2
An ACI administrator notices a change in the behavior of the fabric. Which action must be taken to determine if a human intervention introduced the change?

A. Inspect event records in the APIC UI to see all actions performed by users.
B. Inspect /var/log/audit_messages on the APIC to see a record of all user actions.
C. Inspect audit logs in the APIC UI to see all user events.
D. Inspect the output of show command history in the APIC CLI.

Answer: A

NEW QUESTION 3
Which type of profile needs to be created to deploy an access port policy group?

A. attachable entity
B. Pod
C. module
D. leaf interface

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_0110.html

NEW QUESTION 4
A RADIUS user resolves its role via the Cisco AV Pair. What object does the Cisco AV Pair resolve to?

A. tenant
B. security domain
C. primary Cisco APIC
D. managed object class

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/Security_config/b_Cisco_APIC_Security_Configuration_Guide/b_Cisco_APIC_Security_Guide_chapter_01011.html

NEW QUESTION 5
Which feature dynamically assigns or modifies the EPG association of virtual machines based on their attributes?

A. vzAny contracts
B. standard contracts
C. application EPGs
D. uSeg EPGs

Answer: D

NEW QUESTION 6
Which feature allows firewall ACLs to be configured automatically when new endpoints are attached to an EPG?

A. ARP gleaning
B. dynamic endpoint attach
C. hardware proxy
D. network-stitching

Answer: B

NEW QUESTION 7
An engineer is implementing Cisco ACI at a large platform-as-a-service provider using APIC controllers, 9396PX leaf switches, and 9336PQ spine switches. The leaf switch ports are configured as IEEE 802.1p ports. Where does the traffic exit from the EPG in IEEE 802.1p mode in this configuration?

A. from leaf ports tagged as VLAN 0
B. from leaf ports untagged
C. from leaf ports tagged as VLAN 4094
D. from leaf ports tagged as VLAN 1

Answer: A

NEW QUESTION 8
Which setting prevents the learning of Endpoint IP addresses whose subnet does not match the bridge domain subnet?

A. "Limit IP learning to network" setting within the bridge domain.
B. "Limit IP learning to subnet" setting within the EPG.
C. "Limit IP learning to network" setting within the EPG.
D. "Limit IP learning to subnet" setting within the bridge domain.

Answer: D

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

NEW QUESTION 9
What must be enabled in the bridge domain to have the endpoint table learn the IP addresses of endpoints?

A. L2 unknown unicast: flood
B. GARP based detection
C. unicast routing
D. subnet scope

Answer: C

Explanation:
Reference: https://hsvglobalschool.in/dhkycw/cisco-aci-bridge-domain.html

NEW QUESTION 10
An engineer is extending EPG connectivity to an external network. The external network houses the Layer 3 gateway and other end hosts. Which ACI bridge domain configuration should be used?

A. Forwarding: CustomL2 Unknown Unicast: Hardware Proxy L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Enabled
B. Forwarding: Custom L2 Unknown Unicast: FloodL3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Enabled
C. Forwarding: CustomL2 Unknown Unicast: Hardware Proxy L3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Disabled
D. Forwarding: Custom L2 Unknown Unicast: FloodL3 Unknown Multicast Flooding: Flood Multi Destination Flooding: Flood in BD ARP Flooding: Disabled

Answer: D

NEW QUESTION 10
When Cisco ACI connects to an outside Layers 2 network, where does the ACI fabric flood the STP BPDU frame?

A. within the bridge domain
B. within the APIC
C. within the access encap VLAN
D. between all the spine and leaf switches

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c07-732033.html#_Toc395143571

NEW QUESTION 13
On which two interface types should a user configure storm control to protect against broadcast traffic? (Choose two.)

A. APIC facing interfaces

B. port channel on a single leaf switch
C. all interfaces on the leaf switches in the fabric
D. endpoint-facing trunk interface
E. fabric uplink interfaces on the leaf switches

Answer: BD

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_01010.html

NEW QUESTION 17
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: AE

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

NEW QUESTION 19
Refer to the exhibit.
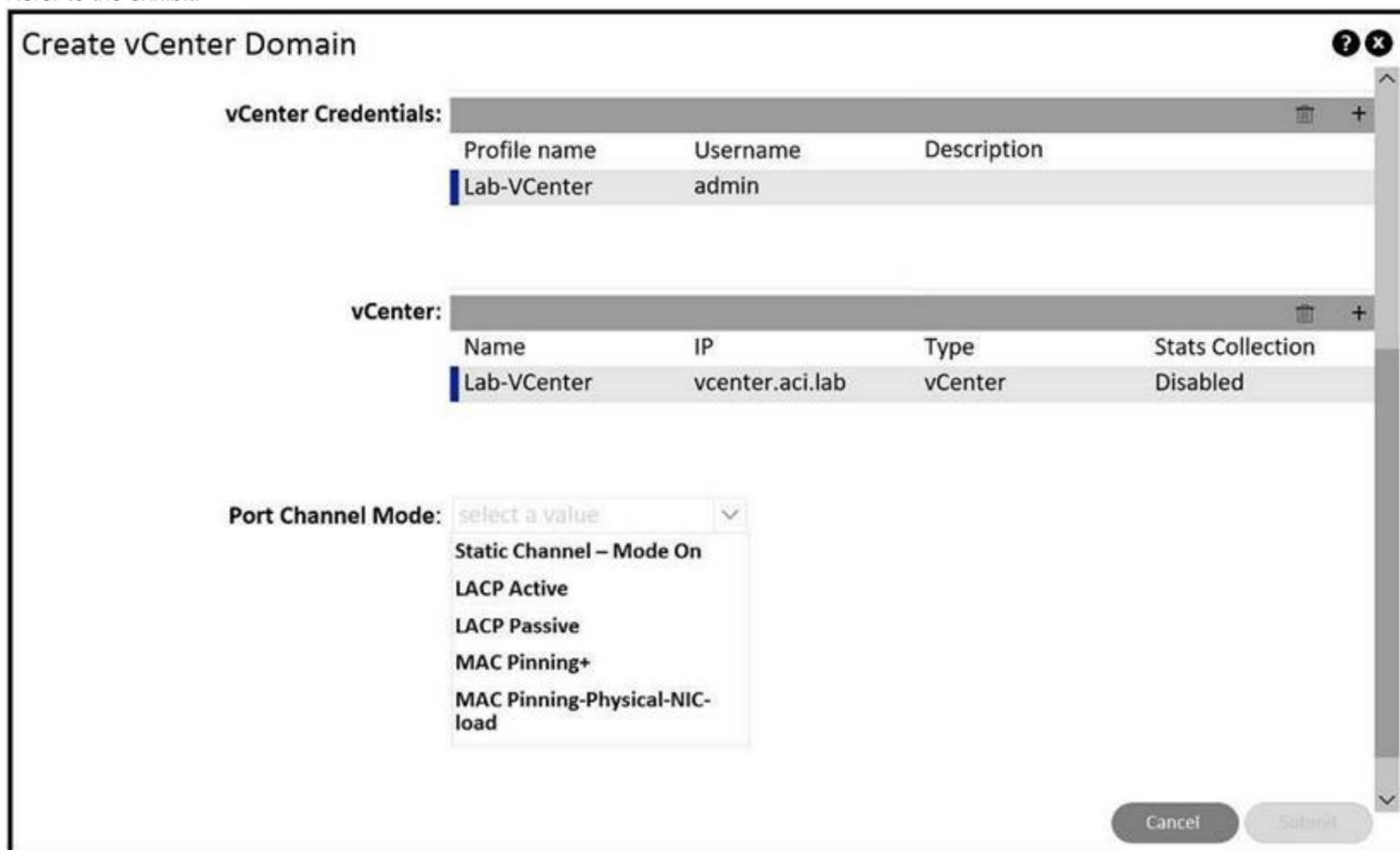
An engineer is implementing Cisco ACI – VMware vCenter integration for a blade server that lacks support of bonding. Which port channel mode results in "route based on originating virtual port" on the VMware VDS?

A. Static Channel – Mode On
B. MAC Pinning-Physical-NIC-load
C. LACP Passive
D. MAC Pinning+
E. LACP Active

Answer: D

NEW QUESTION 22
DRAG DROP
Drag and drop the Cisco ACI Layer 4 to Layer 7 service insertion terms on the left to the correct descriptions on the right.

concrete interfaces	ensures reachability between L3 domains
service graph	rendered with local resources that are available in the fabric
device cluster	contains an active-standby pair of firewalls or load balancers
VRF stitching	encapsulations programmed based on their association with logical interfaces
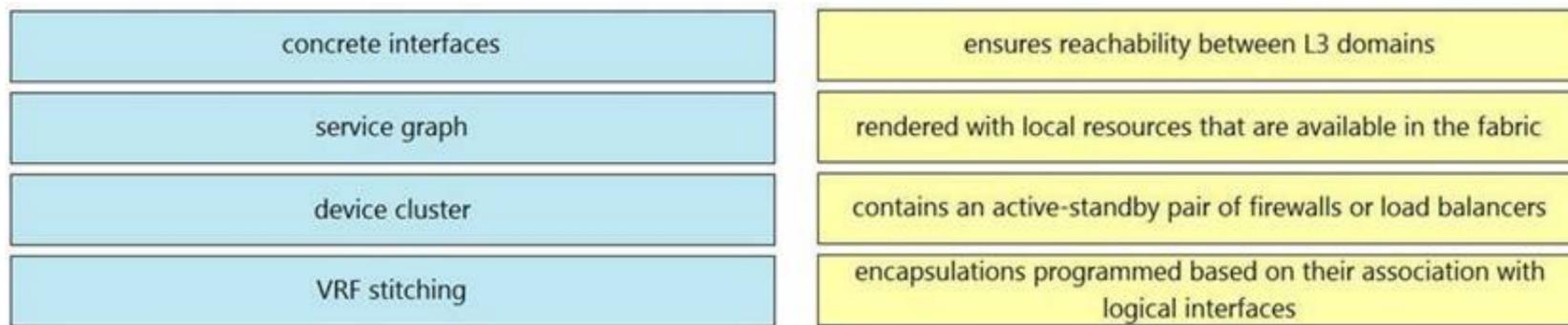
A. Mastered
B. Not Mastered

Answer: A

Explanation:

concrete interfaces	VRF stitching
service graph	service graph
device cluster	device cluster
VRF stitching	concrete interfaces
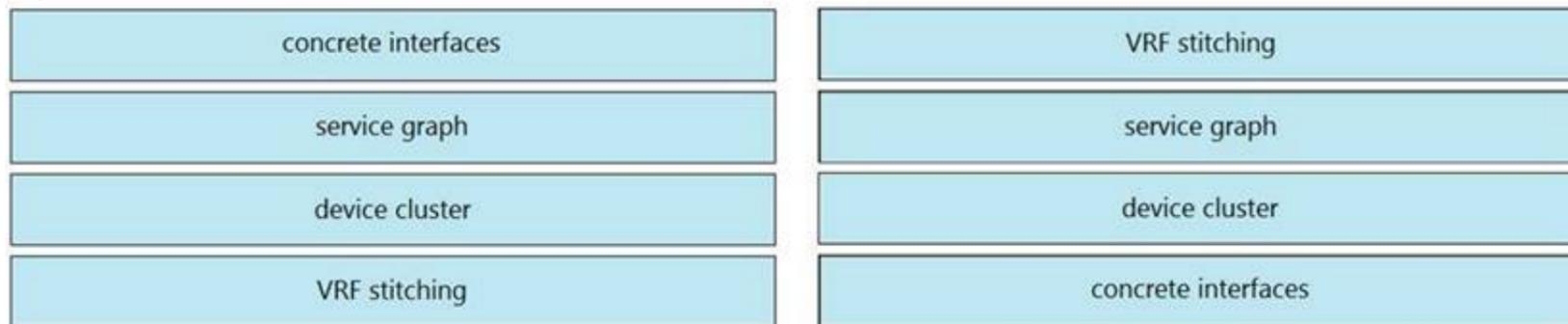
NEW QUESTION 24
In the context of VMM, which protocol between ACI leaf and compute hosts ensures that the policies are pushed to the leaf switches for immediate and on demand resolution immediacy?

A. VXLAN
B. LLDP
C. ISIS
D. STP

Answer: A

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_0101.html

NEW QUESTION 29
Which type of port is used for in-band management within ACI fabric?

A. spine switch port
B. APIC console port
C. leaf access port
D. management port

Answer: C

NEW QUESTION 33
In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

A. Endpoint information is not exchanged across sites unless COOP protocol is used.
B. Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites.
C. Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site.
D. Endpoint information is exchanged across sites when the endpoints are discovered in both sites.

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739609.html#CiscoACIMultiSiteoverlaydataplane

NEW QUESTION 36
Which statement regarding ACI Multi-Pod and TEP pool is true?

A. The IP addresses used in the IPN network can overlap TEP pool of the APIC.
B. A different TEP pool must be assigned to each Pod.
C. The Pod1 TEP pool must be split and a portion of the TEP pool allocated to each Pod.
D. The same TEP pool is used in all Pods.

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739714.html

NEW QUESTION 39
A Solutions Architect is asked to design two data centers based on Cisco ACI technology that can extend L2/L3, VXLAN, and network policy across locations. ACI Multi-Pod has been selected. Which two requirements must be considered in this design? (Choose two.)

A. ACI underlay protocols, i.
B. COOP, IS-IS and MP-BGP, spans across pod
C. Create QoS policies to make sure those protocols have higher priority.
D. A single APIC Cluster is required in a Multi-Pod desig
E. It is important to place the APIC Controllers in different locations in order to maximize redundancy and reliability.
F. ACI Multi-Pod requires an IP Network supporting PIM-Bidir.
G. ACI Multi-Pod does not support Firewall Clusters across Pod
H. Firewall Clusters should always be local.
I. Multi-Pod requires multiple APIC Controller Clusters, one per po
J. Make sure those clusters can communicate to each other through a highly available connection.

Answer: AE

NEW QUESTION 44
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