

300-620 Dumps

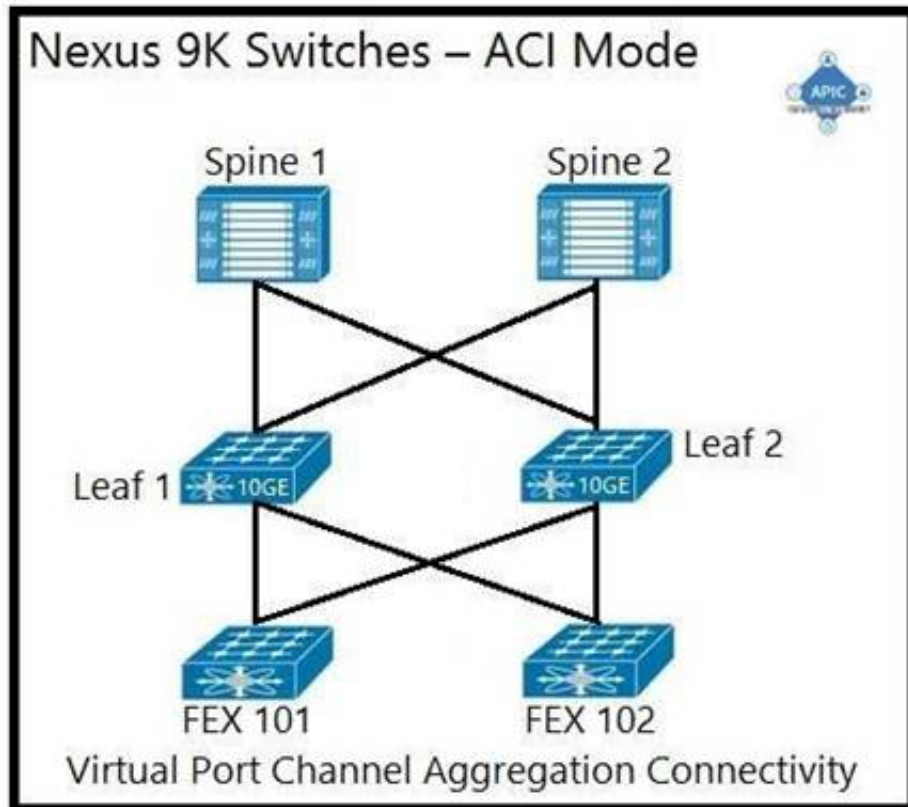
Implementing Cisco Application Centric Infrastructure (DCACI)

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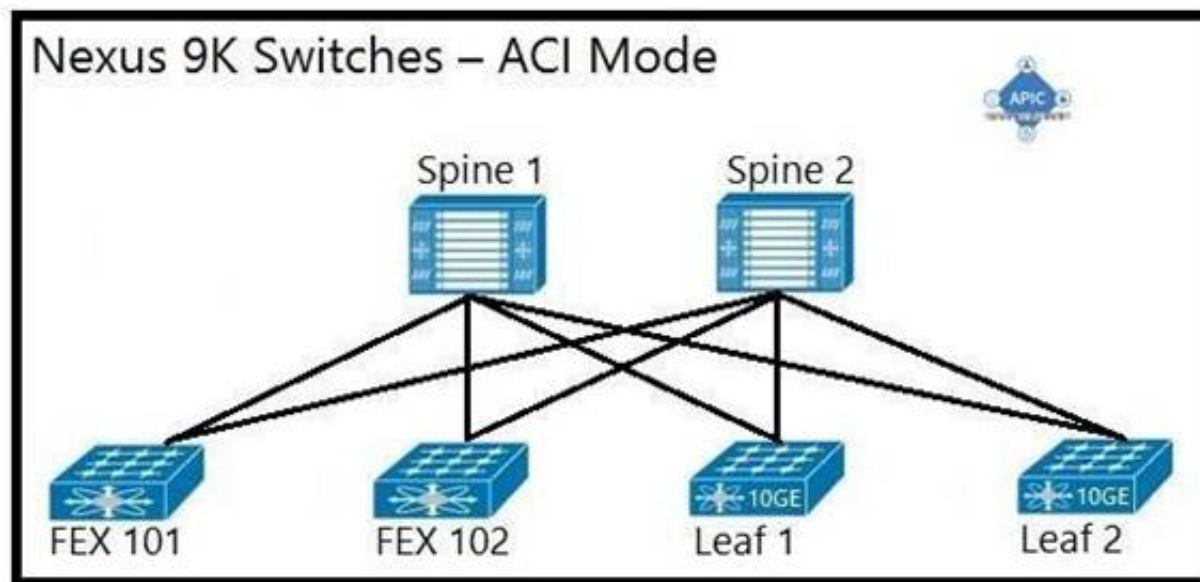


NEW QUESTION 1

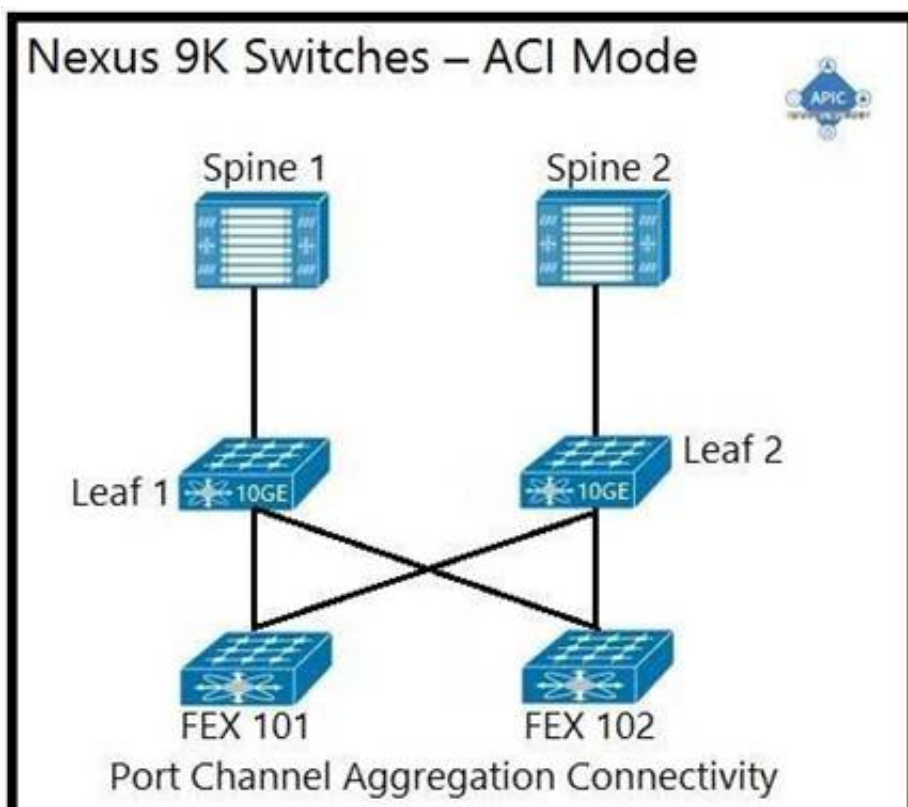
An engineer is implementing a Cisco ACI data center network that includes Cisco Nexus 2000 Series 10G fabric extenders. Which physical topology is supported?
A.



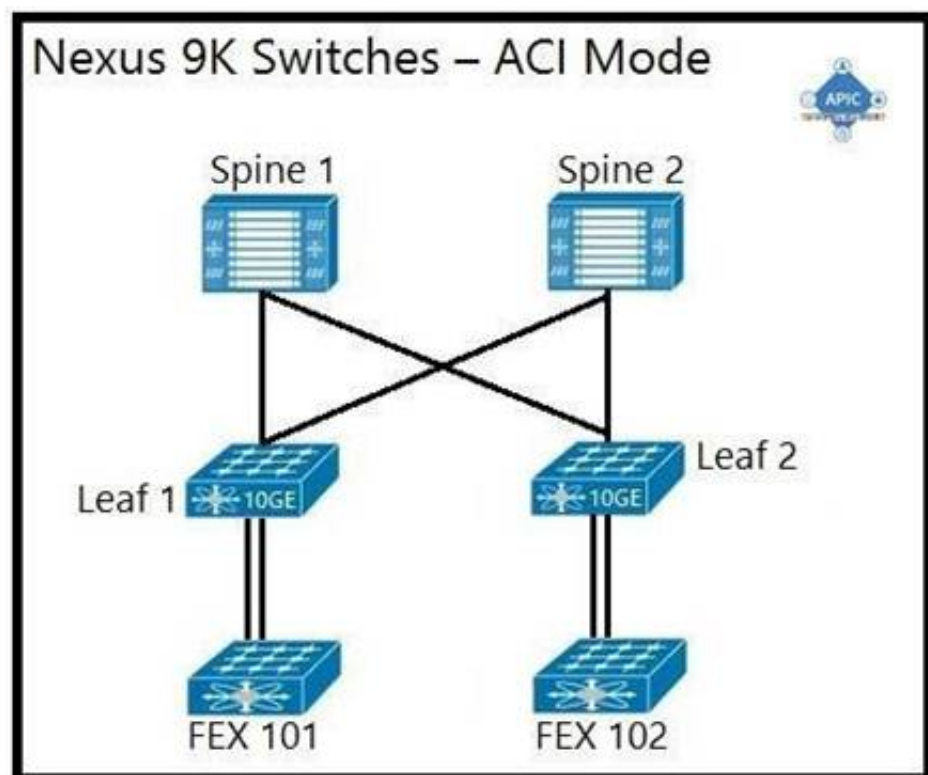
B.



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 policy configures the suppression of faults that are generated from a port being down?

- A. fault lifecycle assignment
- B. event lifecycle assignment
- C. fault severity assignment
- D. event severity assignment

Answer: C

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/all/faults/guide/b_APIC_Faults_Errors/b_IFC_Faults_Errors_chapter_01.html

NEW QUESTION 4

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 5

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_API_C_Security_Guide_chapter_01011.html

NEW QUESTION 6

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.

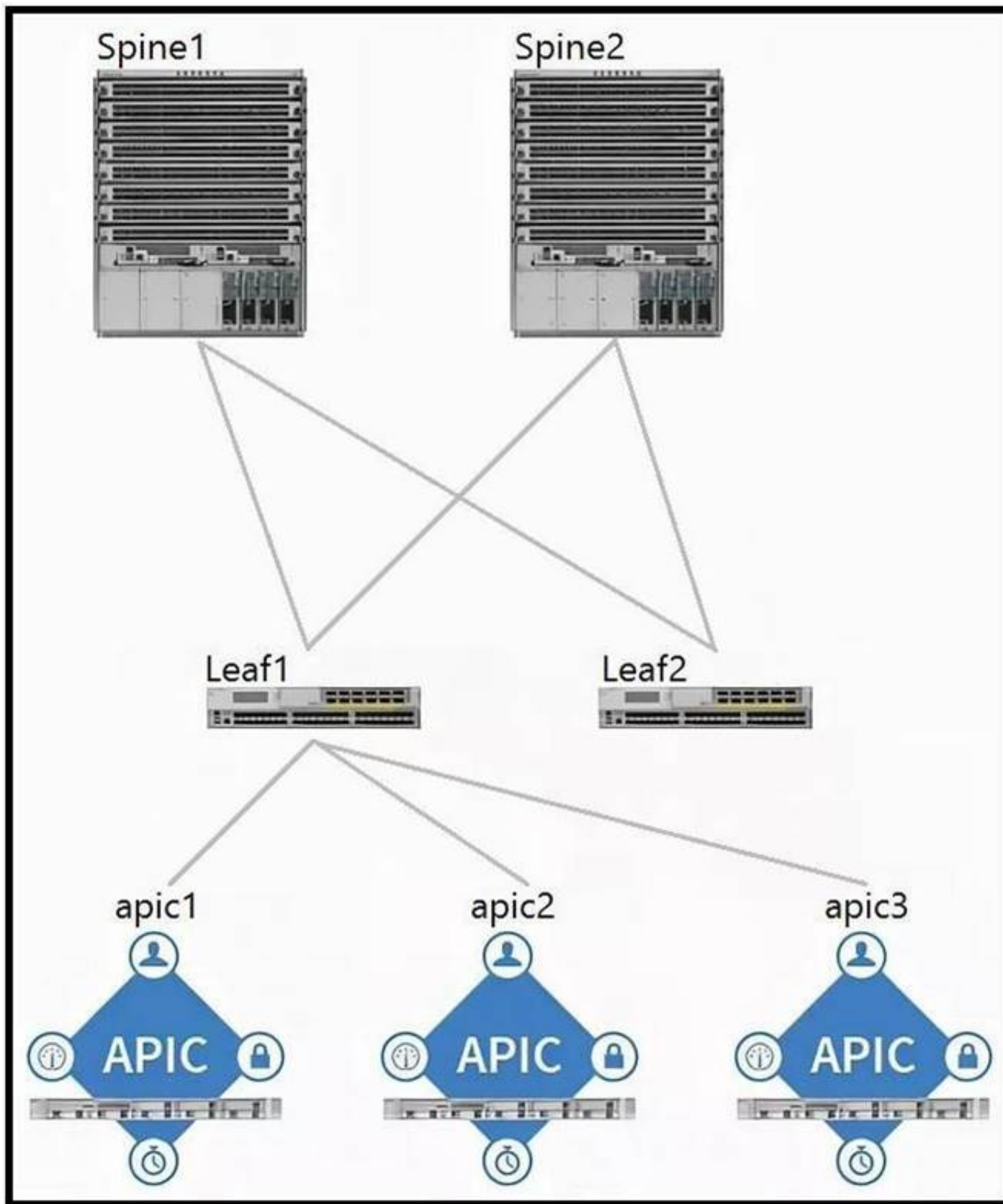
Answer: D

Explanation:

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

NEW QUESTION 7

Refer to the exhibit.



Which two components should be configured as route reflectors in the ACI fabric? (Choose two.)

- A. Spine1
- B. apic1
- C. Spine2
- D. Leaf1
- E. Leaf2
- F. apic2

Answer: AC

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

Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

- A. The source MAC and IP address of the traffic is learned as a local endpoint.
- B. The source MAC address of the traffic is learned as a remote endpoint.
- C. No source MAC or IP address of the traffic is learned as a remote endpoint.
- D. The source IP address of the traffic is learned as a remote endpoint.

Answer: B

Explanation:

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

NEW QUESTION 10

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 configured Layer 2 extension from the ACI fabric and changed the Layer 2 unknown unicast policy from Flood to Hardware Proxy. How does this change affect the flooding of the L2 unknown unicast traffic?

- A. It is forwarded to one of the spines to perform as a spine proxy.
- B. It is flooded within the whole fabric.
- C. It is dropped by the leaf when the destination endpoint is not present in the endpoint table.
- D. It is forwarded to one of the APICs to perform as a proxy.

Answer: A

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 12

Which action sets Layer 2 loop migration in an ACI Fabric with a Layer 2 Out configured?

- A. Enable MCP on the ACI fabric.
- B. Disable STP in the external network.
- C. Disable STP on the ACI fabric.
- D. Enable STP on the ACI fabric.

Answer: A

NEW QUESTION 16

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 18

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 20

What must be configured to redistribute externally learned OSPF routes within the ACI fabric?

- A. Route Control Profile
- B. BGP Route Reflector
- C. BGP Inter-leak Route Map
- D. PIM Sparse Mode

Answer: B

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 24

Refer to the exhibit.

Create vCenter Domain

Virtual Switch Name: Lab-VirtualSwitch

Virtual Switch: VMware vSphere Distributed Switch | Cisco AVS | Cisco AVE

Associated Attachable Entity Profile: Lab-ApplicationAttachableAccessEn

Delimiter:

Enable Tag Collection: ☐

Access Mode: Read Only Mode | Read Write Mode

Endpoint Retention Time (seconds): 0

VLAN Pool: select an option

Security Domains:

Name	Description
------	-------------

An engineer is integrating a VMware vCenter with Cisco ACI VMM domain configuration. ACI creates port-group names with the format of “Tenant | Application | EPG”. Which configuration option is used to generate port groups with names formatted as “Tenant=Application=EPG”?

- A. enable tag collection
- B. security domains
- C. delimiter
- D. virtual switch name

Answer: D

NEW QUESTION 25

Refer to the exhibit.

Create vCenter Domain

vCenter Credentials:

Profile name	Username	Description
Lab-VCenter	admin	

vCenter:

Name	IP	Type	Stats Collection
Lab-VCenter	vcenter.aci.lab	vCenter	Disabled

Port Channel Mode:

select a value

Static Channel – Mode On

LACP Active

LACP Passive

MAC Pinning+

MAC Pinning-Physical-NIC-load

Cancel

Submit

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 29

An engineer has set the VMM resolution immediacy to pre-provision in a Cisco ACI environment. No Cisco Discovery Protocol neighborship has been formed between the hypervisors and the ACI fabric leaf nodes. How does this affect the download policies to the leaf switches?

- A. No policies are downloaded because LLDP is the only supported discovery protocol.
- B. Policies are downloaded when the hypervisor host is connected to the VMM VDS.
- C. Policies are downloaded to the ACI leaf switch regardless of Cisco Discovery Protocol neighborship.
- D. No policies are downloaded because there is no discovery protocol neighborship.

Answer: C

NEW QUESTION 34

Which protocol does ACI use to securely save the configuration in a remote location?

- A. SCP
- B. HTTPS
- C. TFTP
- D. FTP

Answer: A

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Using_Import_Export_to_Recover_Config_States.html

NEW QUESTION 36

Which two protocols support accessing backup files on a remote location from the APIC? (Choose two.)

- A. TFTP
- B. FTP
- C. SFTP
- D. SMB
- E. HTTPS

Answer: BC

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/troubleshooting/b_APIC_Troubleshooting/b_APIC_Troubleshooting_appendix_010011.html

NEW QUESTION 38

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 42

What are two requirements for the IPN network when implementing a Multi-Pod ACI fabric? (Choose two.)

- A. EIGRP routing
- B. PIM ASM multicast routing
- C. BGP routing
- D. VLAN ID 4
- E. OSPF routing

Answer: AE

NEW QUESTION 43

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 design
- 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 pod
- J. Make sure those clusters can communicate to each other through a highly available connection.

Answer: AE

NEW QUESTION 46

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