Exam Questions 300-620

Implementing Cisco Application Centric Infrastructure (DCACI)

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

NEW QUESTION 1
An engineer is creating a configuration import policy that must terminate if the imported configuration is incompatible with the existing system. Which import mode achieves this result?

A. merge
B. atomic
C. best effort
D. replace

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/aci-fundamentals/Cisco-ACI-Fundamentals-401/Cisco-ACI-Fundamentals-401_chapter_01011.html

NEW QUESTION 2
A situation causes a fault to be raised on the APIC. The ACI administrator does not want that fault to be raised because it is not directly relevant to the environment. Which action should the administrator take to prevent the fault from appearing?

A. Under System -> Faults, right-click on the fault and select Acknowledge Fault so that acknowledged faults will immediately disappear.
B. Create a stats threshold policy with both rising and falling thresholds defined so that the critical severity threshold matches the squelched threshold.
C. Under System -> Faults, right-click on the fault and select Ignore Fault to create a fault severity assignment policy that hides the fault.
D. Create a new global health score policy that ignores specific faults as identified by their unique fault code.

Answer: C

NEW QUESTION 3
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 4
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 5
DRAG DROP
Drag and drop the Cisco ACI filter entry options from the left onto the correct categories on the right indicating what are required or optional parameters.

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	
Source Port From	Required Parameters
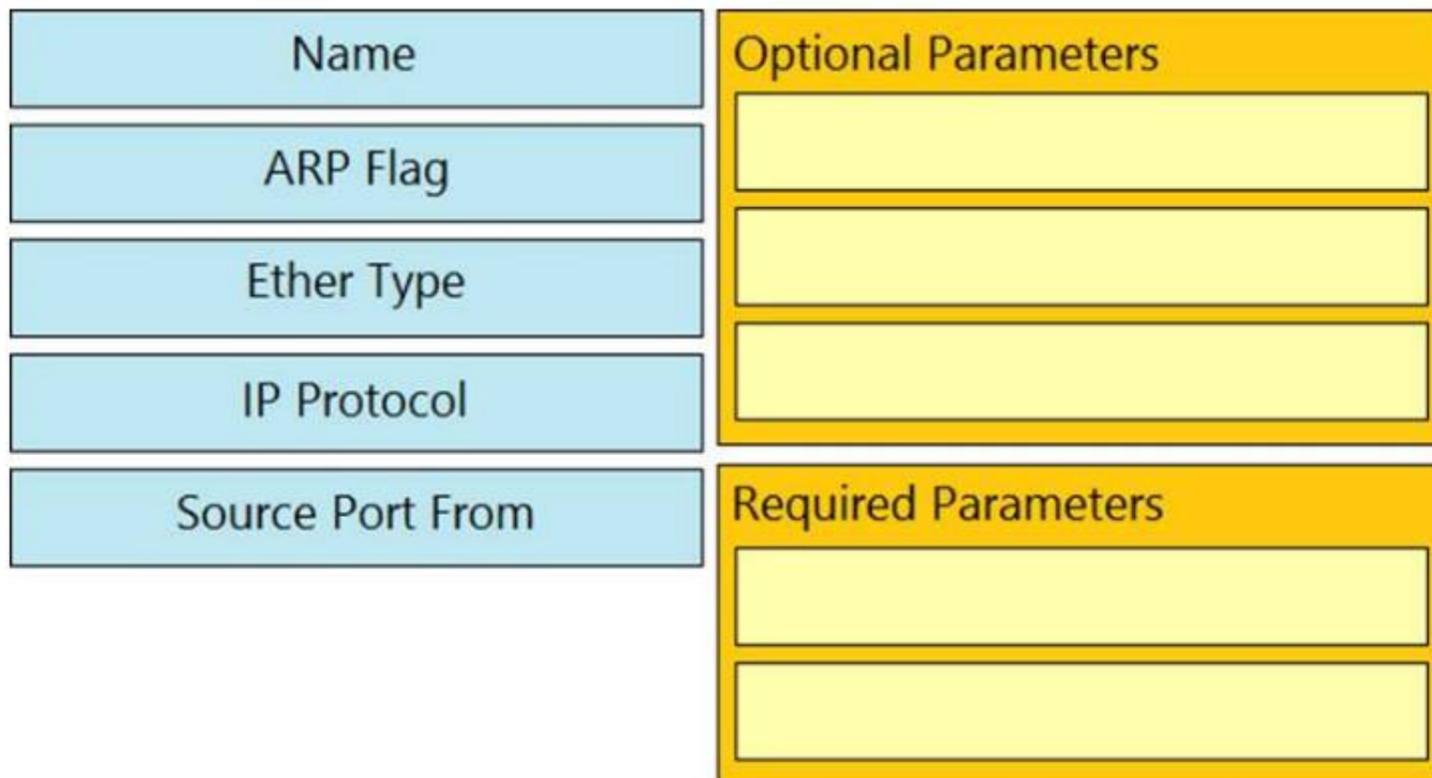
A. Mastered
B. Not Mastered

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_01000.html

NEW QUESTION 6
Where is the COOP database located?

A. leaf
B. spine
C. APIC
D. 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 7
Which description regarding the initial APIC cluster discovery process is true?

A. The APIC uses an internal IP address from a pool to communicate with the nodes.
B. Every switch is assigned a unique AV by the APIC.
C. The APIC discovers the IP address of the other APIC controllers by using Cisco Discovery Protocol.
D. The ACI fabric is discovered starting with the spine switches.

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_010011.html

NEW QUESTION 8
Which two types of interfaces are supported on border leaf switches to connect to an external router? (Choose two.)

A. subinterface with VXLAN tagging
B. subinterface with 802.1Q tagging
C. FEX host interface
D. out of band interface
E. Switch Virtual Interface

Answer: BE

NEW QUESTION 9
An engineer is extending an EPG out of the ACI fabric using static path binding. Which statement about the endpoints is true?

A. Endpoints must connect directly to the ACI leaf port.
B. External endpoints are in a different bridge domain than the endpoints in the fabric.

C. Endpoint learning encompasses the MAC address only.
D. External endpoints are in the same EPG as the directly attached endpoints.

Answer: C

NEW QUESTION 10
Refer to the exhibit.

```
<fvTenant name="ACILab">
    <fvCtx name="pvn1"/>
    <fvBD name="bd1">
        <fvRsCtx tnFvCtxName="pvn1"/>
        <fvSubnet ip="10.1.100.1/24"/>
    </fvBD>
</fvTenant>
```

Which two objects are created as a result of the configuration? (Choose two.)

A. application profile
B. attachable AEP
C. bridge domain
D. endpoint group
E. VRF

Answer: CE

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/b_Cisco_A
PIC_REST_API_Configuration_Guide_chapter_01110.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 12
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 14
An engineer configured a bridge domain with the hardware-proxy option for Layer 2 unknown unicast traffic. Which statement is true about this configuration?

A. The leaf switch drops the Layer 2 unknown unicast packet if it is unable to find the MAC address in the local forwarding tables.
B. The Layer 2 unknown hardware proxy lacks support of the topology change notification.
C. The leaf switch forwards the Layers 2 unknown unicast packets to all other leaf switches if it is unable to find the MAC address in its local forwarding tables.
D. The spine switch drops the Layer 2 unknown unicast packet if it is unable to find the MAC address in the proxy database.

Answer: A

NEW QUESTION 17
An engineer is implementing a connection that represents an external bridged network. Which two configurations are used? (Choose two.)

A. Layer 2 remote fabric
B. Layer 2 outside
C. Layers 2 internal
D. Static path binding
E. VXLAN outside

Answer: AB

NEW QUESTION 18
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 21
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 25
Regarding the MTU value of MP-BGP EVPN control plane packets in Cisco ACI, which statement about communication between spine nodes in different sites is true?

A. By default, spine nodes generate 9000-bytes packets to exchange endpoints routing informatio
B. As a result, the Inter-Site network should be able to carry 9000-bytes packets.
C. By default, spine nodes generate 1500-bytes packets to exchange endpoints routing informatio
D. As a result, the Inter-Site network should be able to carry 1800-bytes packets.
E. By default, spine nodes generate 1500-bytes packets to exchange endpoints routing informatio
F. As a result, the Inter-Site network should be able to carry 1500-bytes packets.
G. By default, spine nodes generate 9000-bytes packets to exchange endpoints routing informatio
H. As a result, the Inter-Site network should be able to carry 9100-bytes packets.

**Answer:** D

NEW QUESTION 28
Refer to the exhibit.
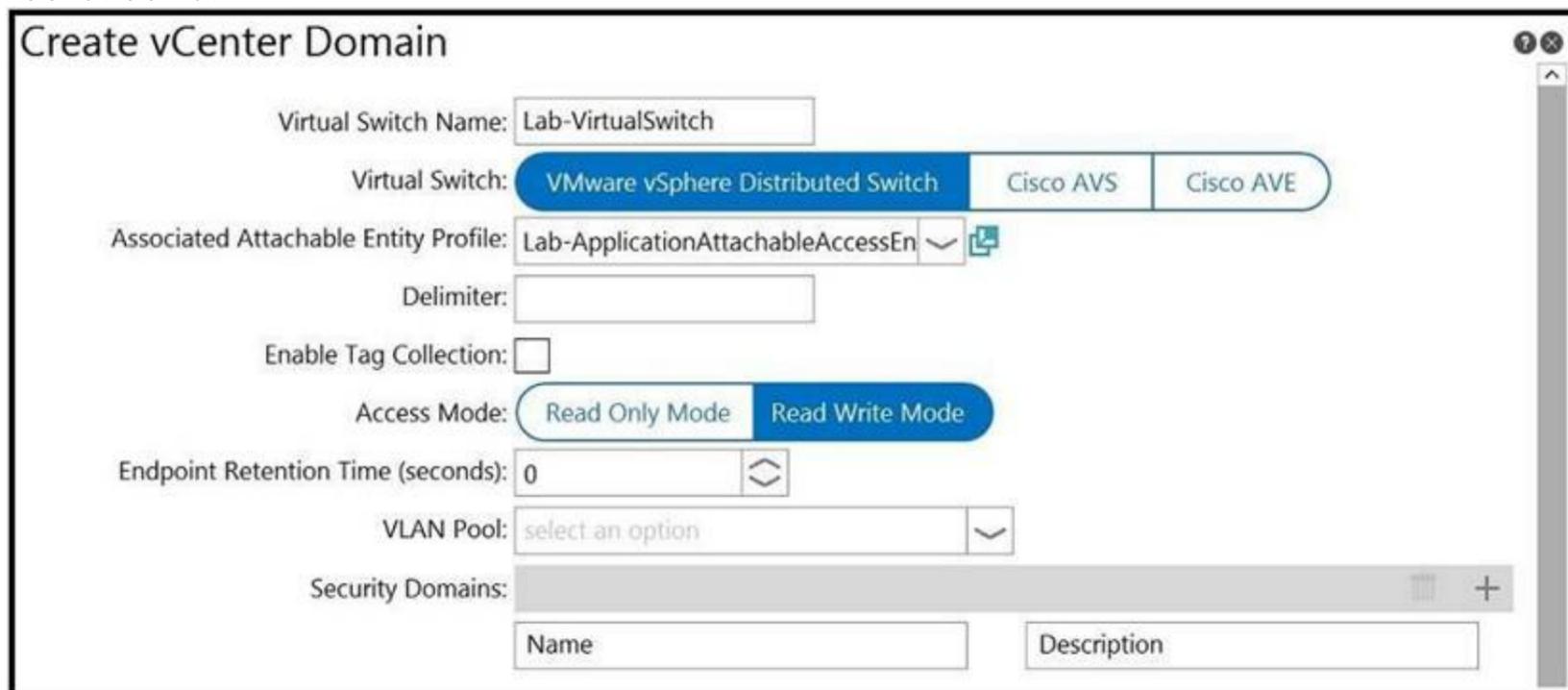
An engineer is integrating a VMware vCenter with Cisco ACI VMM domain configuration. ACI creates port-group names with the format of "Tenant | Application | EPG". Which configuration option is used to generate port groups with names formatted as "Tenant=Application=EPG"?

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

Answer: D

NEW QUESTION 31
Refer to the exhibit.
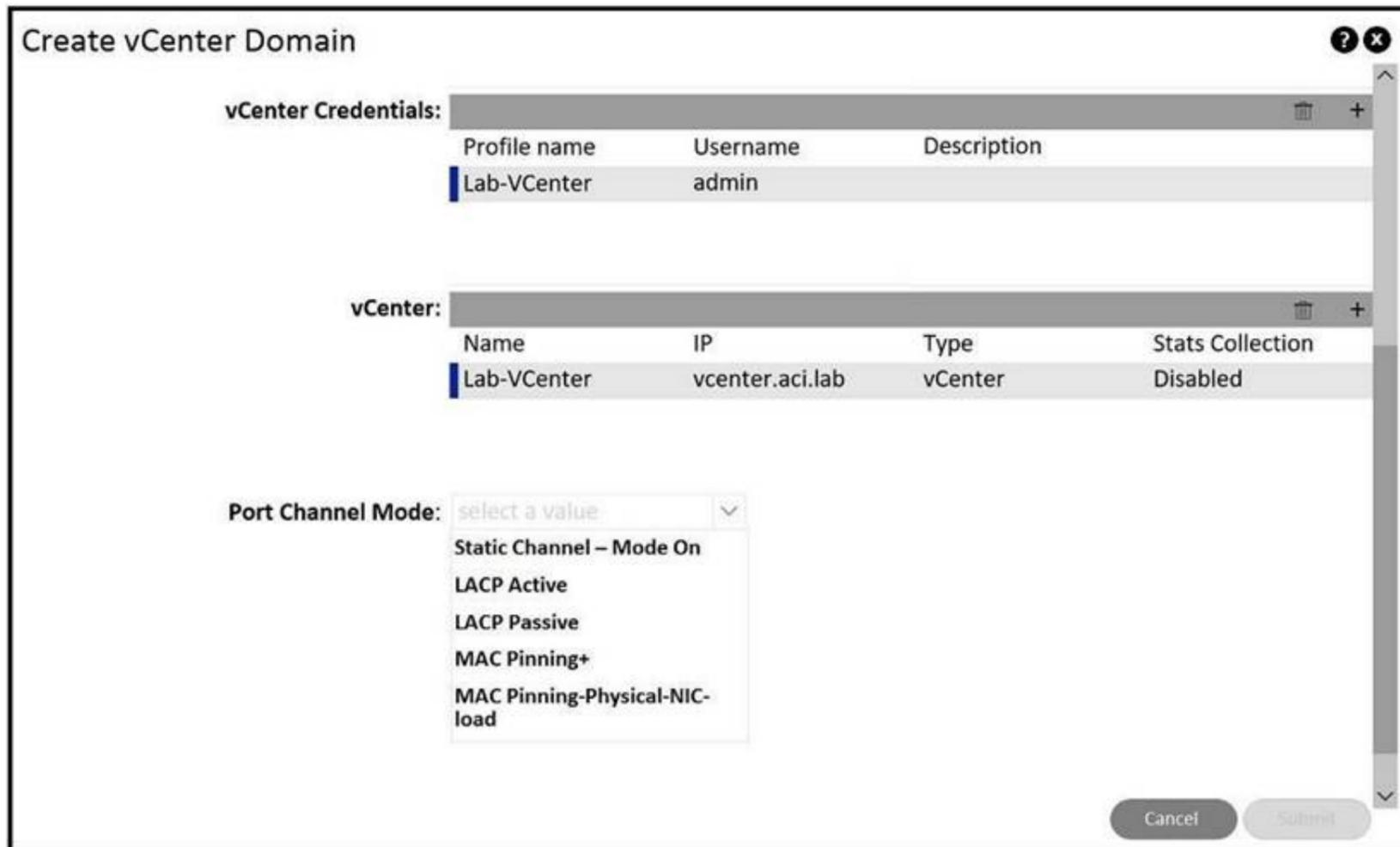
An engineer is implementing Cisco ACI – VMware vCenter integration for a blade server that lacks support of bonding. Which port channel mode results in "route based on originating virtual port" on the VMware VDS?

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

Answer: D

NEW QUESTION 33
When configuring Cisco ACI VMM domain integration with VMware vCenter, which object is created in vCenter?

A. datacenter
B. VMware vSphere Standard vSwitch
C. VMware vSphere Distributed Switch
D. cluster

Answer: C

NEW QUESTION 35
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 36
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 37
Which tenant is used when configuring in-band management IP addresses for Cisco APICs, leaf nodes, and spine nodes?

A. default
B. infra
C. common
D. mgmt

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Configuring_Static_Management_Access.html#concept_CFF63FEBE
947424291B0F10E6F23DA7D

NEW QUESTION 38
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 39
Which statement about ACI syslog is true?

A. Notifications for different scopes of syslog objects can be sent only to one destination.
B. Syslog messages are sent to the destination through the spine.
C. All syslog messages are sent to the destination through APIC.
D. Switches send syslog messages directly to the destinations.

Answer: A

Explanation:
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2016/pdf/BRKACI-2303.pdf

NEW QUESTION 42
A data center administrator is upgrading an ACI fabric. There are 3 APIC controllers in the fabric and all the servers are dual-homed to pairs of leaf switches configured in VPC mode. How should the fabric be upgraded to minimize possible traffic impact during the upgrade?

A. * 1. Create two maintenance groups for the APIC controllers: VPC left and VPC right.* 2. Upgrade the first group of controllers.* 3. Upgrade the second group of controllers.* 4. Upgrade the leaf switches.
B. * 1. Create two maintenance groups for APIC controllers: VPC left and VPC right.* 2. Upgrade the leaf switches.* 3. Upgrade the first group of controllers.* 4. Upgrade the second group of controllers.
C. * 1. Create two maintenance groups for the leaf switches: VPC left and VPC right.* 2. Upgrade the APIC controllers.* 3. Upgrade the first group of leaf switches.* 4. Upgrade the second group of leaf switches.
D. * 1. Create two maintenance groups for the leaf switches: VPC left and VPC right.* 2. Upgrade the first group of switches.* 3. Upgrade the second group of switches.* 4. Upgrade the APIC controllers.

Answer: D

NEW QUESTION 45
Which protocol does ACI use to securely sane 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 47
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_append
ix_010011.html

NEW QUESTION 51
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 52
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 57
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