Question 1

A customer must deploy three Cisco ACI based data centers. Each site must be separated from the others. Which characteristic of Cisco ACI Multi-Pod makes it unsuitable for this deployment?

Options:

A- creates a virtual pod in the remote location

B- requires all pods to share the same Cisco APIC cluster

C- has distance and scale limitations

D- places leaf switches in the remote site that belong to the same fabric as at the headquarters site

Answer:

B

Question 2

Refer to the exhibit.

Add VMM Domain Association

VMM Domain Profile: dc1vcdev

Deploy Immediacy: Immediate | **On Demand**

Resolution Immediacy: Immediate | On Demand | **Pre-provision**

Delimiter: [   ]

Enhanced Lag Policy: select an option

Allow Micro-Segmentation: ☐

Untagged VLAN Access: ☐

VLAN Mode: **Dynamic** | Static

Port Binding: Dynamic Binding | Ephemeral | **Default** | Static Binding

Netflow: **Disable** | Enable

Allow Promiscuous: Reject

Forged Transmits: Reject

MAC Changes: Reject

Active Uplinks Order: [   ]
Enter IDs of uplinks separated by comma

Standby Uplinks: [   ]
Enter IDs of uplinks separated by comma

Custom EPG Name: [   ]

Cancel   Submit

Refer to the exhibit. The EPG-100 must be extended to the vCenter as a port group with a tagged VLAN ID of 100. Which set of actions accomplishes this goal?

Options:

A- Define a static VLAN range (from 100-200) under a VLAN pool that is associated with the dc1vcdev domain.

Associate the dc1vcdev domain with EPG and select these settings:

Untagged VLAN Access: unselected

VLAN Mode: Static with Encap: 100

B- Define a static VLAN range (from 100-200) under a VLAN pool that is associated with the dc1vcdev domain.

Associate the dc2vcdev domain with EPG and select these settings:

Untagged VLAN Access: selected

VLAN Mode: Static with Encap: 100

C- Define a dynamic VLAN range (from 100-200) under a VLAN pool that is associated with the del vdev domain.

Associate the dc1vcdev domain with EPG and select these settings:

Untagged VLAN Access: unselected

VLAN Mode: Static with Encap: 100

D- Define a dynamic VLAN range (from 100-200) under a VLAN pool that is associated with the dc1vdev domain.

Associate the dc2vcdev domain with EPG and select these settings:

Untagged VLAN Access: selected

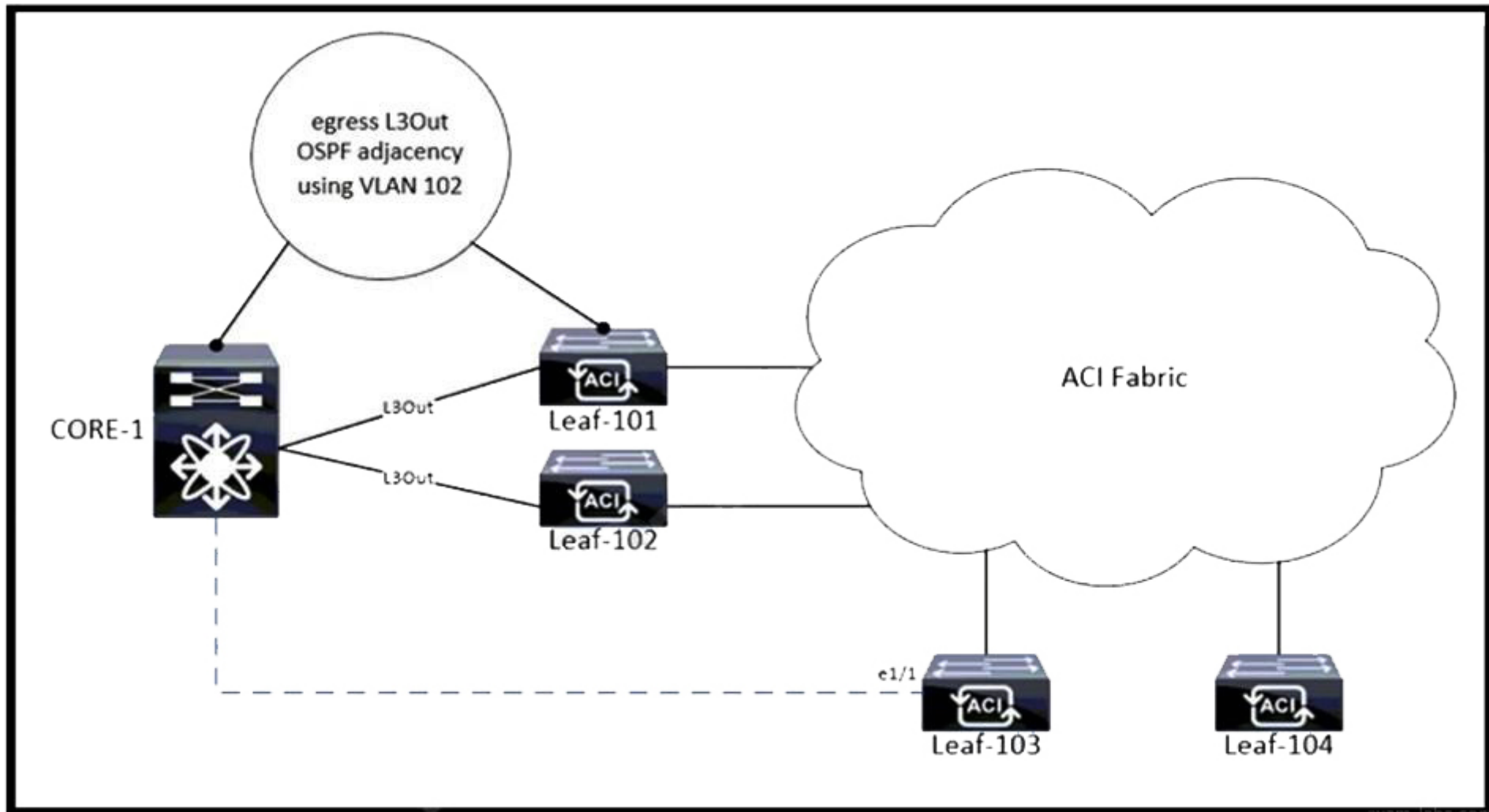VLAN Mode: Static with Encap: 100

Question 3

Question Type: MultipleChoice

Refer to the exhibit.

Refer to the exhibit. The Cisco ACI fabric has an egress L3Out from Leaf-101 and Leaf-102 to CORE-1. VLAN 102 is used to form the OSPF adjacency. The workloads must be migrated into EPG-101, and the static port binding is configured to Leaf-103 e1/1 with encap VLAN 101. An engineer completes the port binding and receives an MCP fault. Which action clears the fault?

Options:

A- Use VLAN 101 for OSPF adjacency on the egress L3Out.

B- Use VLAN 102 as the encap VLAN on the EPG-101 static port binding.

C- Add VLAN 102 to the VLAN pool that is used by the static port binding.

D- Prune VLAN 101 from the VLAN pool that is used by the egress L3Out.

Answer:

B

Question 4

Question Type: **MultipleChoice**

An engineer configures a one-armed policy-based redirect service Insertion for an unmanaged firewall. The engineer configures these Cisco ACI objects:

a contract named All_Traffic_Allowed

a Layer 4 to Layer 7 device named FW-Device

a policy-based redirect policy named FW-1Arm-Policy-Based RedirectPolicy

Which configuration set redirects the traffic to the firewall?

Options:

A- Configure a policy-based redirect subject.
Associate the policy-based redirect subject with All_Traffic_Allowed.

B- Configure a firewall bridge domain.
Associate the bridge domain with FW-Device.

C- Configure a device interface policy.
Associate the device interface policy with FW-Device.

D- Configure a service graph.
Associate the service graph with All_Traffic_Allowed.

Answer:

D

Question 5

Question Type: **MultipleChoice**

A bridge domain for a new endpoint group in the Cisco ACI fabric must meet these requirements:

The bridge domain must function as the default gateway for the subnet so that routing remains within the Cisco ACI fabric.

ARP requests must be managed via Layer 3 unicast packets or be dropped to reduce excessive broadcast traffic.

The impact of misconfigured virtual machines must be kept to a minimum by preventing IP addresses outside of the configured subnet from being routed.

Which set of actions must be taken?

Options:

A- Disable ARP Flooding.
Enable Limit IP Learning to Subnet.
Enable Unicast Routing on the bridge domain and configure a subnet.

B- Enable Limit IP Learning to Subnet.
Enable Unicast Routing on the bridge domain and configure a subnet.
Set Multi-Destination Flooding to Flood in BD.

C- Set Endpoint Retention Policy to default.
Enable ARP Flooding.
Enable Unicast Routing on the bridge domain and configure a subnet.

D- Enable Unicast Routing on the bridge domain and configure a subnet.
Set L2 Unknown Unicast to Flood.

Disable Endpoint Retention Policy.

Question 6

Refer to the exhibit.

```
Description: LACP port priority is changed to 32768
Affected Object: topology/pod-1/node-2010/sys/lacp/inst/if-[eth1/6]
```

Refer to the exhibit. A Cisco ACI fabric displays this fault. Which set of actions modifies the event to be displayed as a warning in the future?

Options:

A- Navigate to the ACI Events tab.

Create a new record.

B- Navigate to the ACI Fault tab.
Create a new record.

C- Navigate to the ACI Events tab.
Change the severity level.

D- Navigate to the ACI Fault tab.
Change the severity level.

Answer:

C

Question 7

Question Type: **MultipleChoice**

A network engineer must integrate VMware vCenter cluster with Cisco ACI. The requirement is for the management traffic of the hypervisors and VM controllers to use the virtual switch associated with the Cisco Application Policy. The EPG called "Vmware-MGMT" with VLAN 300 has been created for this purpose. Which set of steps must be taken to complete the configuration?

Options:

A- Add VLAN 300 with static allocation to the VLAN POOL that is used for VMM integration.

Attach the VMM domain to the target EPG with resolution preprovision, mode static, untagged access VLAN, and Port-Encap 300.

B- Associate the target EPG with the VMM domain with default settings.

Enable Infrastructure VLAN on AAEP used toward VMware hypervisors.

C- Enable Infrastructure VLAN on AAEP used toward VMware hypervisors.

Associate the target EPG with the VMM domain with default settings.

D- Enable Infrastructure VLAN on AAEP used toward VMware hypervisors.

Create a static binding in the target EPG toward VMware hypervisors with VLAN 300, untagged access VLAN, and Untagged 802.1P mode.

Answer:

A

Question 8

Question Type: **MultipleChoice**

Which two IP address types are available for transport over the ISN when they are configured from Cisco ACI Multi-Site Orchestrator? (Choose two.)

Options:

A- Management IP of APICs

B- Management IP of the MSO Node

C- Anycast Overlay Multicast TEP

D- MP-BGP EVPN Router-ID

E- Common Pervasive Gateway

Answer:

B, D

Question 9

Question Type: MultipleChoice

As part of a migration, legacy non-ACI switches must be connected to the Cisco ACI fabric. All non-ACI switches run per-VLAN RSTP. After the non-ACI switches are connected to Cisco ACI, the STP convergence caused a microloop and significant CPU spike on all switches. Which configuration on the interfaces of the external switches that face the Cisco ACI fabric resolves the problem?

Options:

A- BPDU guard

B- aggressive STP timers

C- BPDU filtering

D- STP type link shared

Answer:

D