300-615 ^{Q&As}

Troubleshooting Cisco Data Center Infrastructure (DCIT)

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QUESTION 1

A Cisco UCS C-Series Server powers off due to a power outage. The server should turn on when the power is restored with a fixed delay of 3 minutes. However, it remained powered off for more than 3 minutes after the engineer powered it back online. Which two actions resolve the issue? (Choose two.)

A. Configure the power-restore-policy.

B. Configure the power restore last-state policy.

C. Set the delay value to 180.

D. Set the delay fixed value to 3.

E. Configure power sync policy.

Correct Answer: BC

QUESTION 2

DRAG DROP

You must troubleshoot an issue with DAI on a Cisco Nexus switch. Drag and drop the DAI configuration steps from the left into the order they must be implemented in on the right.

Select and Place:

Configure DHCP snooping.	
Enable DAI on the required untrusted interfaces.	
Configure DAI trust interfaces.	
Configure DAI inspection filter.	
Configure access list required by DAI for static mappings.	

Correct Answer:

		Enable DAI on the required untrusted interfaces.
		Configure DAI trust interfaces.
		Configure DAI inspection filter.
		Configure access list required by DAI for static mappings.
		Configure DHCP snooping.

QUESTION 3

An upgrade of protected RPMs from the Bash shell did not take effect. Which action is required for the changes to take effect?

A. Restart the Bash shell.

B. Reload the switch.

C. Upgrade the RPMs from the Guest shell.

D. Disable and reenable the Bash feature.

Correct Answer: B

QUESTION 4

Refer to the exhibit.

```
Sw1(config) # sh ip mroute
IP Multicast Routing Table for VRF "default"

(*, 239.0.23.89/32), uptime: 6w2d, ip pim nve
      Incoming interface: Ethernet2/2, RPF nbr: 192.168.21.1
      Outgoing interface list: (count: 1)
            nve1, uptime: 2d01h, nve



(9.9.3.12/32, 239.0.23.89/32),uptime: 6w2d, mrib ip pim nve
      Incoming interface: loopback1, RPF nbr: 9.9.3.12
      Outgoing interface list: (count: 1)
            Ethernet2/2, uptime: 18:58:44, pim



Sw2# sh ip mroute
IP Multicast Routing Table for VRF "default"

(*, 239.0.23.89/32), uptime: 24w3d, ip pim nve
      Incoming interface: Ethernet2/2, RPF nbr: 192.168.22.1
      Outgoing interface list: (count: 1)
            nve1, uptime: 19w1d, nve

(9.9.3.12/32, 239.0.23.89/32),uptime: 24w3d, mrib ip pim nve
      Incoming interface: loopback1, RPF nbr: 9.9.3.12
      Outgoing interface list: (count: 0)
```

Sw1 and Sw2 are two Cisco Nexus 9000 Series Switches that run Cisco NX-OS. They are VTEPs in the same vPC domain. Which statement describes what happens in this scenario?

A. Sw1 drops all traffic because there is no (S, G) OIF list to encapsulate VXLAN multicast packets and send them out to the underlay network through the uplink interfaces.

B. Sw1 performs the VxLAN multicast encapsulation and decapsulation for all traffic associated with the VxLAN VNIs.

C. Sw1 and switch 2 perform the VxLAN multicast encapsulation and decapsulation for all traffic associated with the VxLAN VNIs, depending on the hashing.

D. Sw2 did not send an IP PIM register to the rendezvous point for the multicast group of the VXLAN VNI.

Correct Answer: B

![Pass2Lead](https://Pass2Lead.com)
QUESTION 5

Refer to the exhibit.
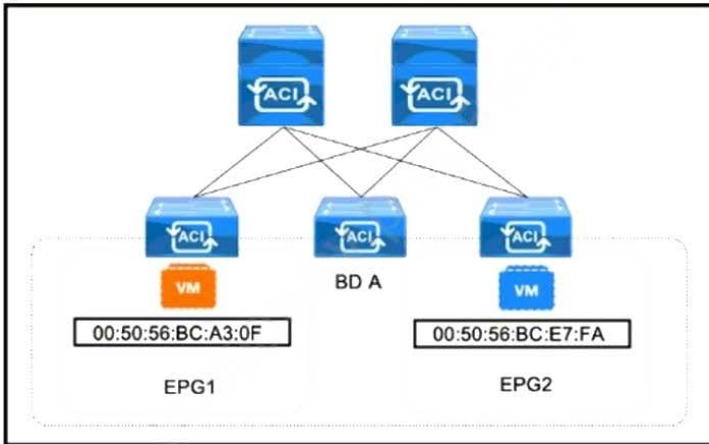

```
LEAF101# show system internal epm endpoint mac 00:50:56:BC:A3:0F  LEAF103# show system internal epm endpoint mac 00:50:56:BC:E7:FA

MAC : 0050.56bc.a30f ::: Num IPs : 0                                MAC : 0050.56bc.e7fa ::: Num IPs : 0
Vlan id : 63 ::: Vlan vnid : 12308 ::: VRF name : C1:C1            Vlan id : 62 ::: Vlan vnid : 12340 ::: VRF name : C1:C1
BD vnid : 16514960 ::: VRF vnid : 3112963                          BD vnid : 16678783 ::: VRF vnid : 3112963
Phy If : 0x16000005 ::: Tunnel If : 0                              Phy If : 0x16000005 ::: Tunnel If : 0
Interface : port-channel6                                          Interface : port-channel6
Flags : 0x80004805 ::: sclass : 32783 ::: Ref count : 4           Flags : 0x80004805 ::: sclass : 16395 ::: Ref count : 4
EP Create Timestamp : 09/10/2021 03:53:12.422438                   EP Create Timestamp : 09/10/2021 03:51:14.222070
EP Update Timestamp : 09/10/2021 03:55:34.206922                   EP Update Timestamp : 09/10/2021 03:55:34.206823
EP Flags : local|vPC|MAC|sclass|timer|                             EP Flags : local|vPC|MAC|sclass|timer|

LEAF101# show zoning-rule scope 3112963 | grep 16395
|   4249 | 16395 |     0 | implicit |   uni-dir      | enabled | 3112963 |              | deny,log  | grp_src_any_any_deny(18) |
|   4250 |     0 | 16395 | implicit |   uni-dir      | enabled | 3112963 |              | deny,log  | grp_any_dest_any_deny(19) |
|   4254 | 16395 | 32783 | default  |   bi-dir       | enabled | 3112963 | all_traffic  | permit    |       src_dst_any(9)      |
|   4255 | 32783 | 16395 | default  | uni-dir-ignore | enabled | 3112963 | all_traffic  | permit    |       src_dst_any(9)      |
```

The connectivity fails between endpoints from different EPGs that use the same bridge domain. All endpoints are on the same subnet configured under the shared bridge domain. Which action resolves the issue?

A. Enable unicast routing on the bridge domain.

B. Configure a contract between the EPGs.

C. Set the preferred group option on the VRF.

D. Attach the same bridge domain to the EPGs.

Correct Answer: B