Exam Questions 300-180

DCIT Troubleshooting Cisco Data Center Infrastructure (DCIT)

https://www.2passeasy.com/dumps/300-180/

NEW QUESTION 1
Refer to the exhibit.

```
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating interface fc2/1 error:
Received rjt from adjacent switch:[reason:0]
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating interface fc1/2 error:
Member mismatch
%ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding,isolating interface
%ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface
```

In the initial SAN deployment or after topology changes in the SAN, some hosts cannot communicate with storage. What are three possible causes of the problem? (Choose three.)

A. misconfigured fabric timers
B. misconfigured port parameters
C. VSAN pruning
D. VSAN trunking issues
E. VLAN problems
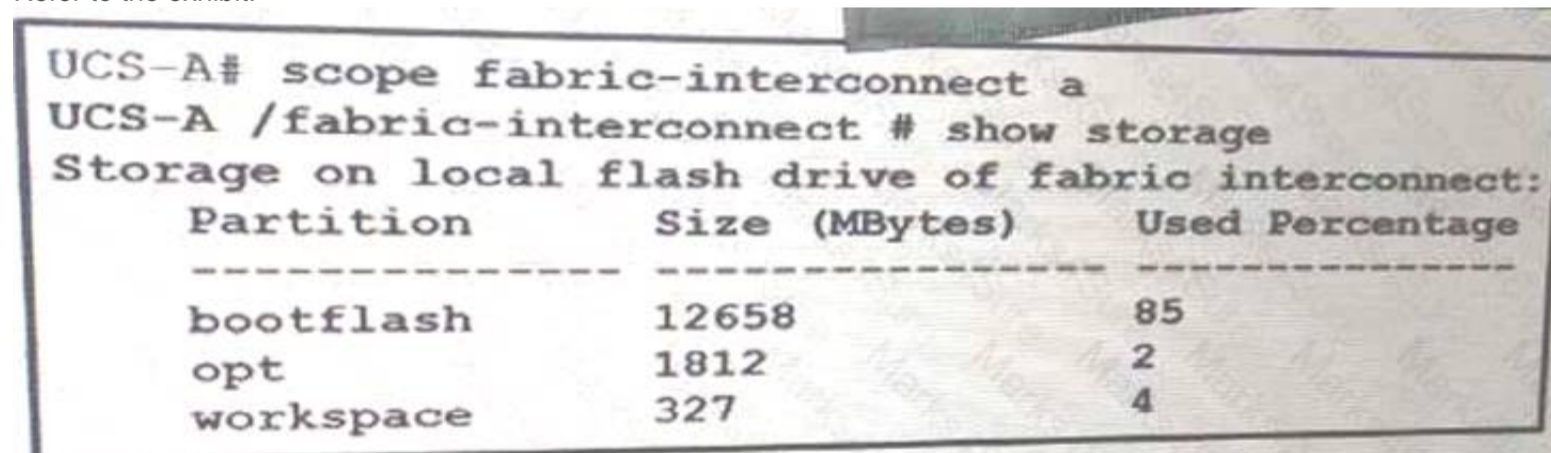F. mismatched zoning

Answer: ABF

NEW QUESTION 2
Which communication is exchanged between neighbors during OTV adjacency formation across the layer 3 multicast network?

A. IGMP packets
B. OTV open messages
C. L1 IS-IS Hello packets
D. OTV adjacency packets

Answer: A

NEW QUESTION 3
Refer to the exhibit.

```
UCS-A# scope fabric-interconnect a
UCS-A /fabric-interconnect # show storage
Storage on local flash drive of fabric interconnect:
      Partition        Size (MBytes)       Used Percentage
      ---------------  ----------------    -----------------
      bootflash        12658               85
      opt              1812                2
      workspace        327                 4
```

The firmware fails while using AutoInstall. What cloud cause this issue?

A. A maximum of two active partitions is permitted when using AutoInstall
B. The bootflash partition exceeded 70 percent of the capacity of the flash drive.
C. The license for the Advance Services package must be installed.
D. The workspace partition must be at least 10 percent of the flash drive.

Answer: B

NEW QUESTION 4
You install a new DIMM in a Cisco UCS C-Series standalone rack server and that DIMM is not recognized by the server. What actions do you take to troubleshoot the problem? (Choose two)

A. Remove an old DIMM from the blue memory slot and install the new DIMM there.
B. Verify that the DIMM has been qualified to work on Cisco UCS servers.
C. Return the DIMM for a new replacement.
D. Remove and dispose of the bad DIMM.
E. Verify that the DIMM is in a slot that supports an active CPU.

Answer: BD

NEW QUESTION 5
Refer to the exhibit.
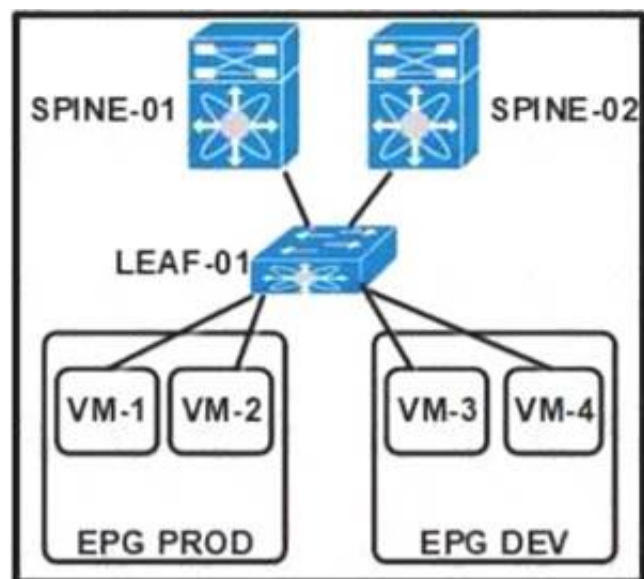
VM-1 and VM-3 are in different EPGs but in the same BD. Which statement about the communication between VM-1 and VM-3 is true?

A. The packet must transverse a Layer 3 interface.
B. The flow uses unencapsulated VLANs
C. The flow must transverse the spine.
D. The flow stays local to the leaf switch

Answer: C

NEW QUESTION 6
Which configuration is needed to suppress duplicate IP addresses when HSRP localization is enabled?

A. Configure matching passwords in each data center.
B. Configure no ip arp gratuitous hsrp duplicate under the VLAN.
C. Remove the passwords in each data center.
D. Configure mismatching HSRP versions between data centers.
E. Change one data center to run VRRP rather than HSRP.

Answer: B

NEW QUESTION 7
You are configuring a Cisco Nexus 9000 Series Switch. Which configuration can be implemented for VXLAN BGP EVPN?

A. VXLAN BGP EVPN by using an NVE interface in a default VRF
B. RACLs on the Layer 3 uplinks for the VXLAN traffic
C. QoS classification for the VXLAN traffic on all of the interfaces
D. DHCP snooping on the VXLAN VLANs

Answer: B

NEW QUESTION 8
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 our right.

Answer:

Explanation:
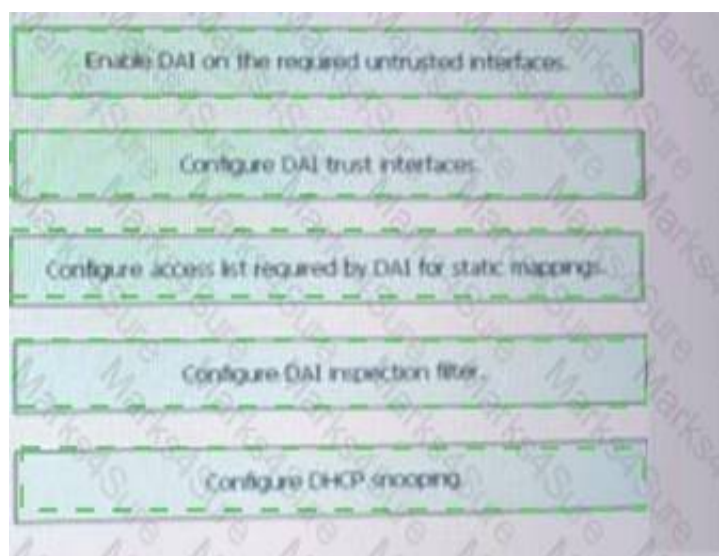
NEW QUESTION 9
Refer to the exhibit Which description of the result is true?

```
Nexus7K-1 Config
  interface loopback1
    ip address 10.100.1.1/32
    ip pim sparse-mode
  ip pim bsr bsr-candidate loopback0
  ip pim bsr rp-candidate loopback0 group-list
224.0.11.0/24
  ip pim bsr forward listen

Nexus7K-2 Config
  interface loopback01
    ip address 10.100.2.1/32
    ip pim sparse-mode
  ip pim bsr bsr-candidate loopback0
  ip pim bsr rp-candidate loopback0 group-list
224.0.0.0/16
  ip pim bsr forward listen
```

A. Nexus7K-2 is the RP for all of the multicast addresses specified in the 224.0.11.0/24 group list.
B. Nexus7K-1 is the RP for all of the multicast addresses specified in the 224.0.11.0/24 group list.
C. Nexus7K-2 is the RP for all of the multicast traffic on the network.
D. Nexus7K-1 is the RP for all of the multicast traffic on the network.

Answer: B

NEW QUESTION 10
Refer to the exhibit. After a boot policy is added, the profile stops working, which option is a possible cause of the issue?
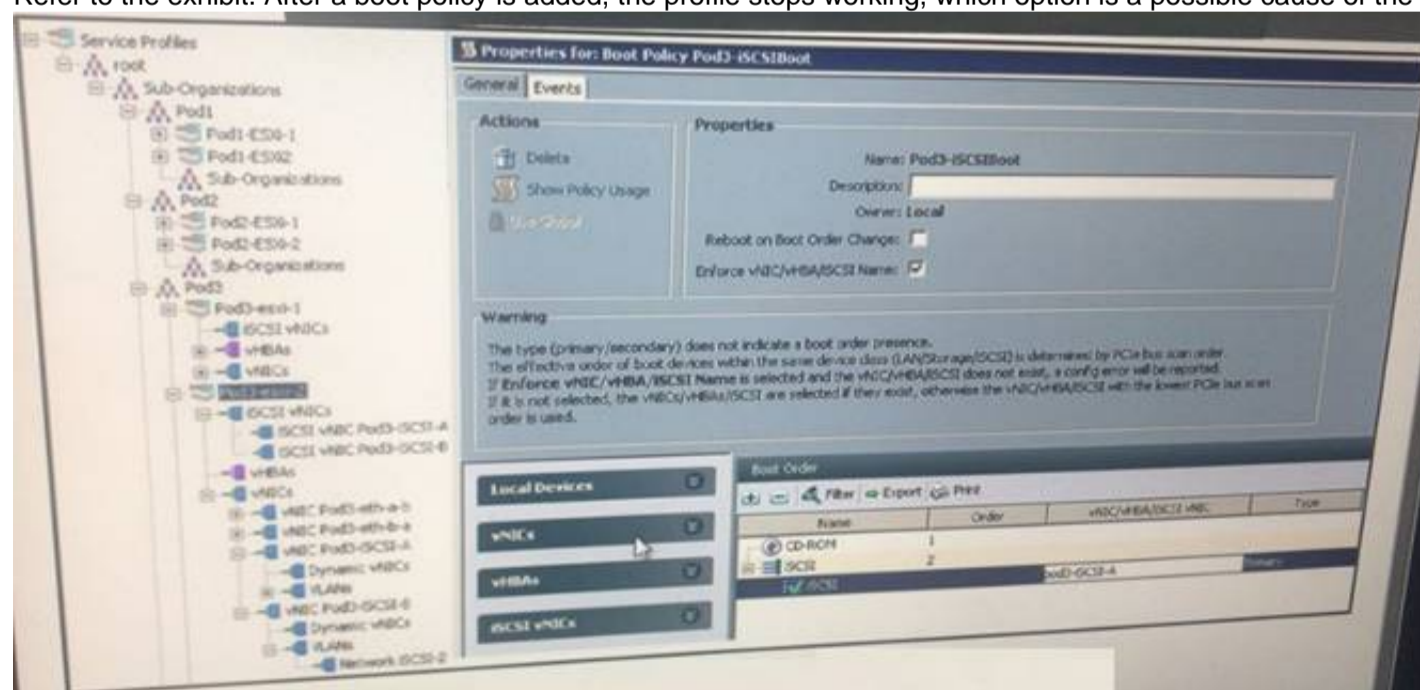
A. An iSCSI adapter is being on top of the vNIC
B. Both of the adapters from the fabric A and fabric B must be specified
C. The name of the adapter is incorrect
D. The boot target does not exist

Answer: A

NEW QUESTION 10
Refer to the exhibit.

```
switch# show bridge-domain segment-cisco vteps

D: Designated VTEP  I:Forwarding Publish Incapable VTEP

Note: (*) Denotes active gateway module

Bridge-domain: segment-cisco
VTEP Table Version: 2
Port    Module    VTEP-IP    Address    VTEP-Flags
---------------------------------------------------------
Veth4    4        10.106.199.116(D)
Veth1    5        10.106.199.117(D)
```

Which description of the output is true?

A. Two VTEPs are in the VEM.
B. Two VTEP table versions exist.
C. Two VTEPs are in the VSM.
D. One designated VTEP is in the bridge domain.

Answer: C

NEW QUESTION 15
What is the default number of dynamic vNICs that is specified by the Cisco UCS Manager when creating a dynamic vNIC connection policy?

A. 54
B. 128
C. 256
D. 257

Answer: A

NEW QUESTION 17
You are troubleshooting a Cisco Nexus 1000V Series Switch. Which command can you use to re-establish communication between VSM and VMware vCenter?

A. reset
B. connect
C. setup
D. reload

Answer: B

NEW QUESTION 18
What is the default number of dynamic VNICs that is specified by the Cisco UCS Manager when creating a dynamic vNIC connection policy?

A. 256
B. 54
C. 128
D. 257

Answer: B

NEW QUESTION 19
What the default MTU size of a VMware host?

A. 1000
B. 1500
C. 1550
D. 9000

Answer: B

NEW QUESTION 21
At any given time, each server can be associated with how many service profiles?

A. 1
B. 2

C. 5
D. 10
E. unlimited

Answer: A

NEW QUESTION 24
Which command displays the traffic statistics for a port channel interface?

A. show interface port-channel channel-number
B. show port-channel traffic
C. show port-channel usage
D. show port-channel compatibility-parameters

Answer: B

NEW QUESTION 25
Refer to exhibit. After a boot policy is added, the profile stops working. Which option is a possible cause of the issue?
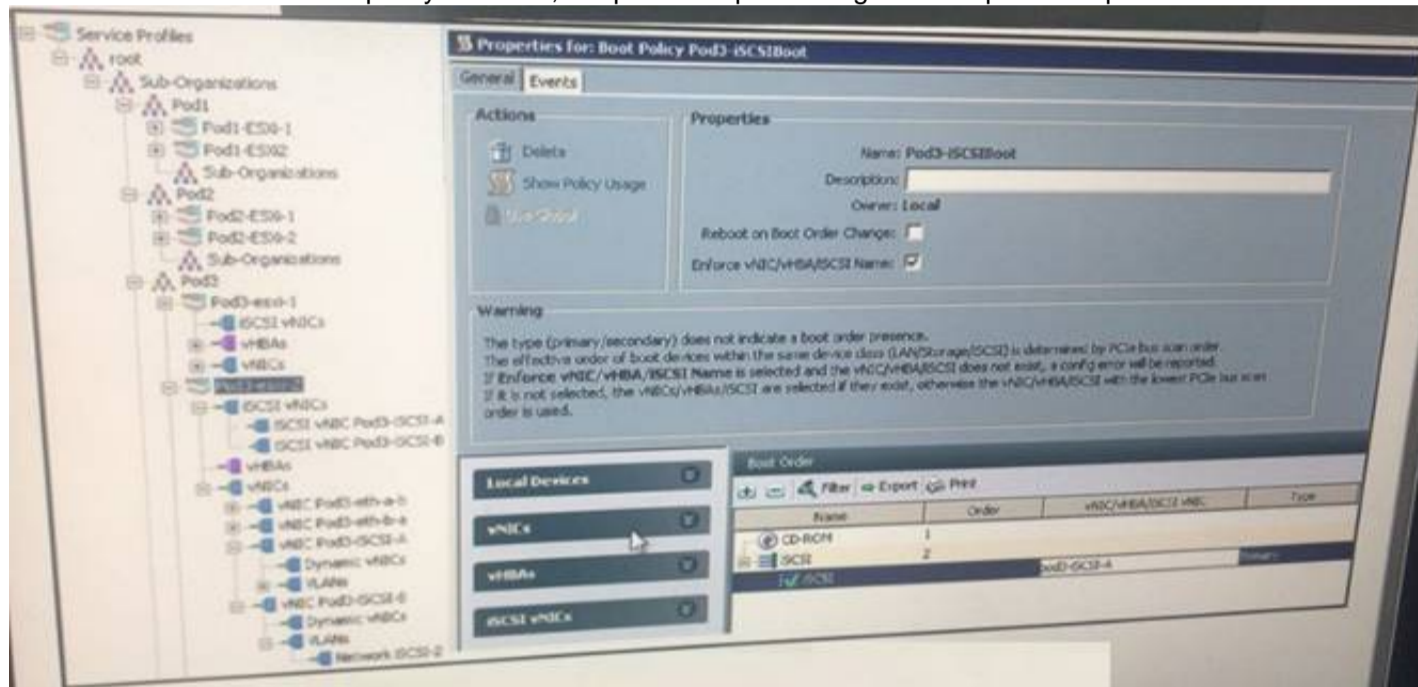
A. An iSCSI adapter is being used on top of the vNIC.
B. Both of the adapters from fabric A and fabric B must be specified.
C. The name of the adapter is incorrect.
D. The boot target does not exist.
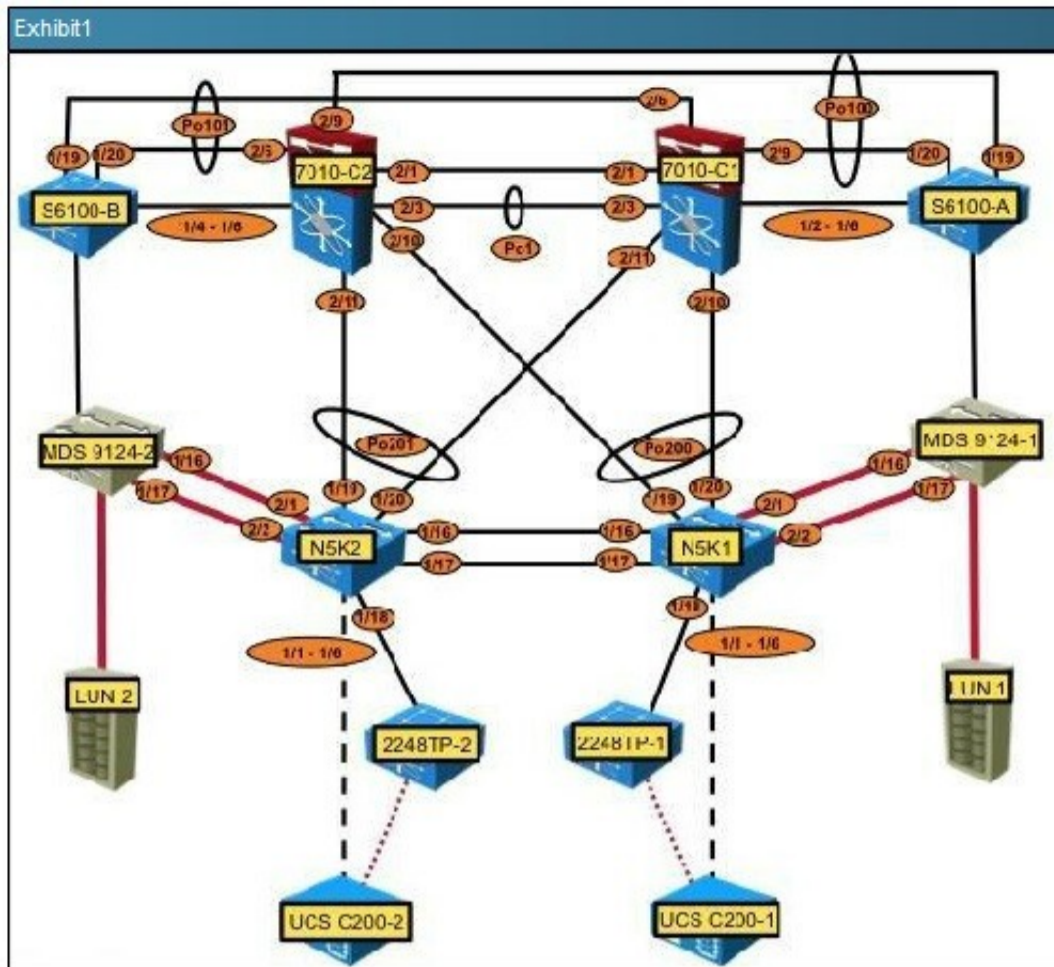
Answer: A

NEW QUESTION 26
It has been determined that unknown unicast, multicast, and broadcast traffic is not correctly being switched through either Nexus 7010 switch. Which statement best describes the cause of this issue?

Exhibit1

7010-C1

```
7010-C1#
```

N5K2

```
N5K2#
```

A. No VLANs are allowed across the vPC peer link.
B. The MST STP is not enabled on either switch.
C. The default VLAN is inactive.
D. VTP is not configured to handle this type of traffic.

Answer: B

Explanation: The MST STP is not enabled on either switch
From both switches the "show spanning-tree mst" command shows that the switch is not in MST mode.

NEW QUESTION 30
Cisco UCS users residing behind N5K2 are complaining about poor performance with a single LAN application in the data center. Which statement best explains what is wrong with N5K2?

```
7010-C1                                                   ☒



















7010-C1#
```

```
N5K2                                                      ☒

















N5K2#
```

```
N5K1                                                      ☒


















N5K1#
```
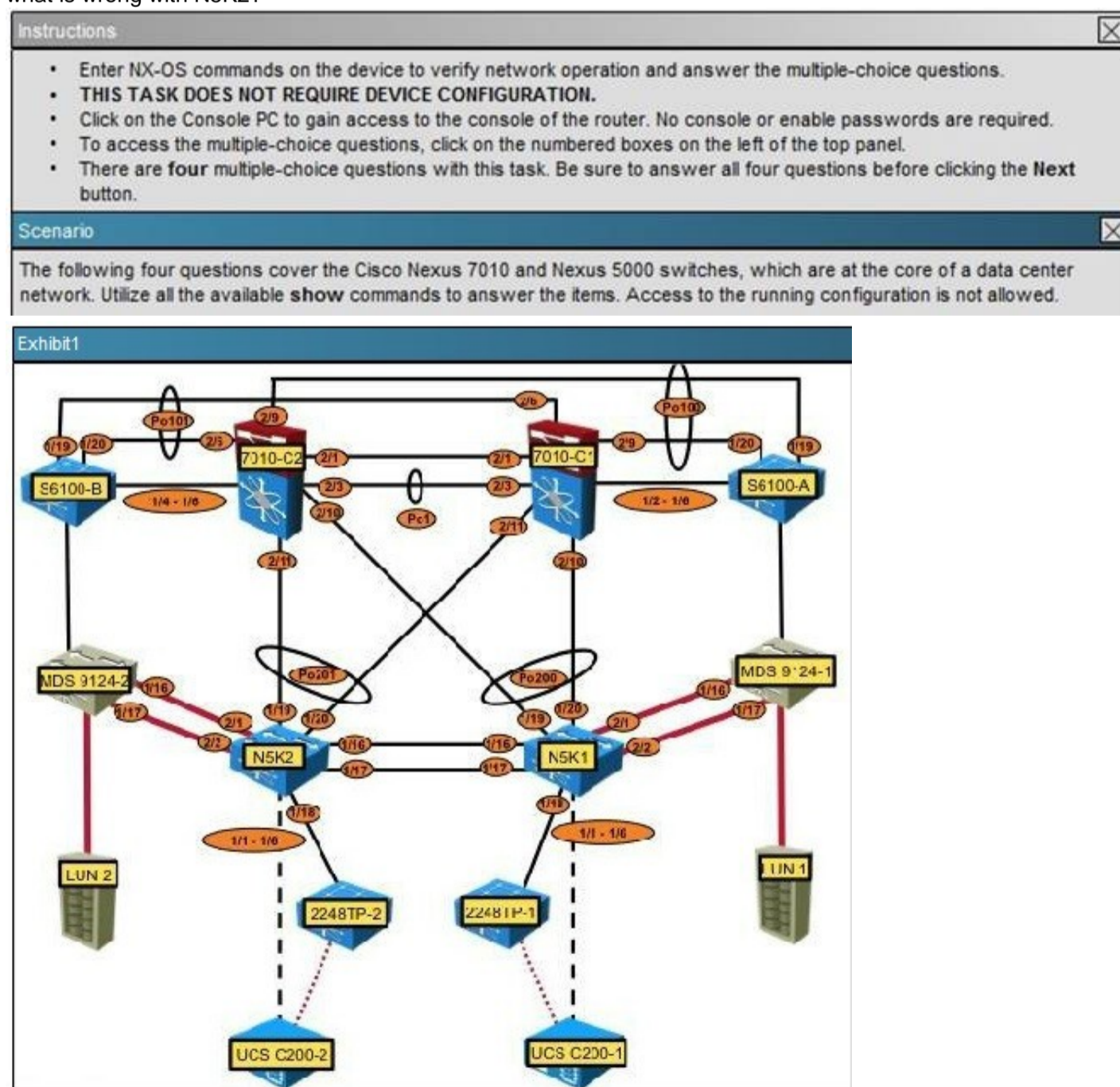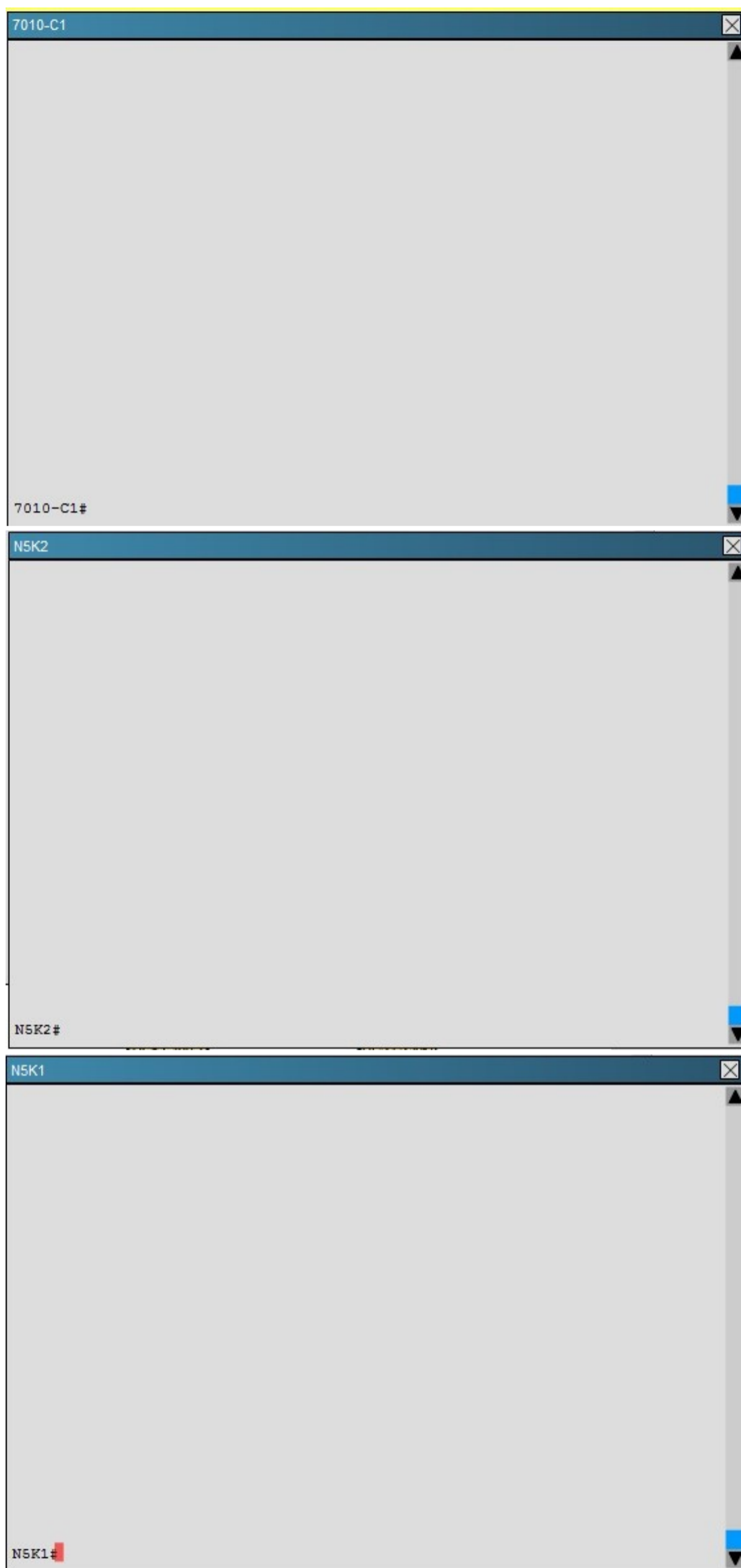
A. Traffic balancing is based on the destination IP address.
B. Port channel members do not have equal bandwidths.
C. The trunk between the Nexus 5000 switches is filtering all VLANs.
D. E2/1 on N7010-C2 is not configured as a trunk for application traffic from N5K2.

Answer: A

Explanation: Traffic balancing is based on the destination IP address
Use the "show port-channel load-balance" command to verify.

NEW QUESTION 31
When troubleshooting VXLAN, which interface is the source of all the encapsulated packets?

A. VTEP loopback
B. SVI
C. VLAN
D. vPC

Answer: A

NEW QUESTION 32
Refer to the exhibit. Anycast RP fails. Which two actions do you perform to resolve the issue? (Choose two.)
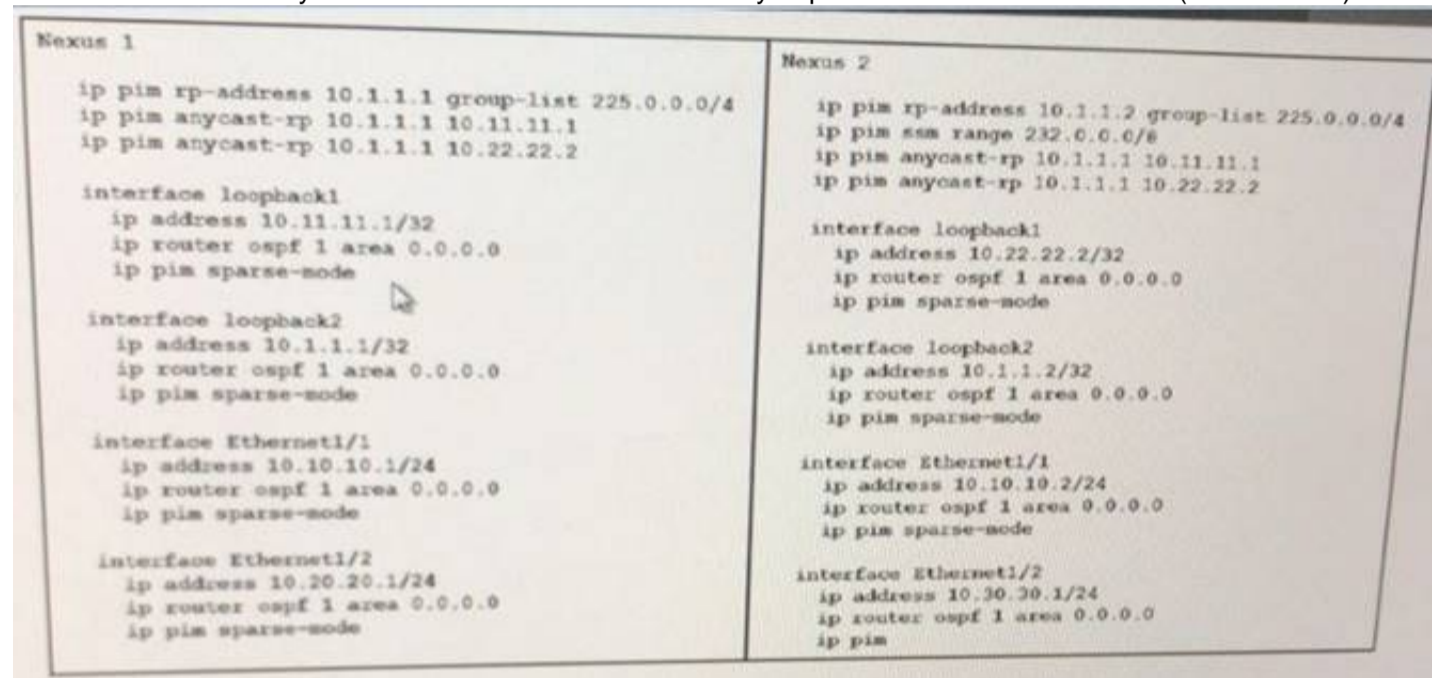
A. Configure the IP address of Anycast RP to use the multicast range.
B. Change the loopback2 interface on Nexus 2 to 10.1.1.1/32.
C. Change the pim rp-address on Nexus 2 to 10.1.1.1.
D. Add the pim ssm range to Nexus 1.
E. Set the pim ssm range on Nexus 2 to 225.0.0.0/24

Answer: BC

NEW QUESTION 36
Refer to the exhibit.
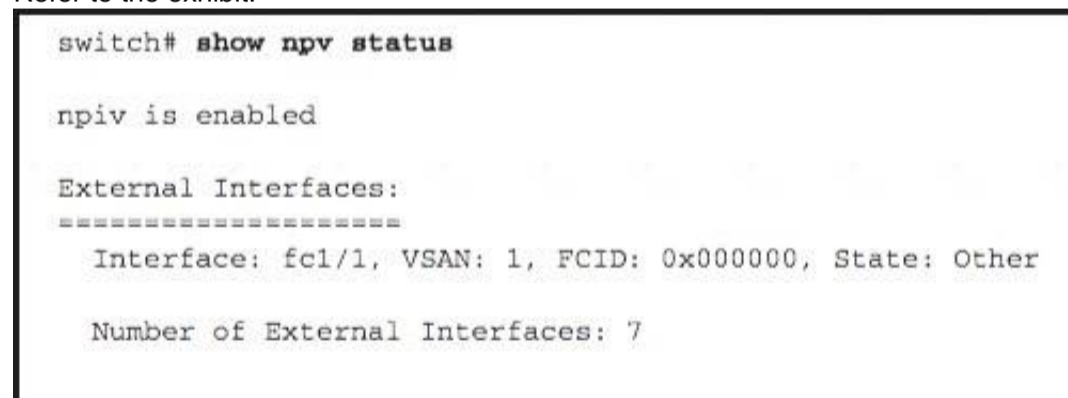
A customer is having a problem getting NPV to work. What is causing the problem?

A. The core NPV switch port is not an F port.
B. The core NPV switch port is in a shutdown state.
C. The core NPV switch port is not configured on both ends.
D. The core NPV switch port is not configured on the other end.
E. The core NPV switch ports are in the wrong domain.

Answer: A

NEW QUESTION 39
You configure a boot from SAN multipath environment that uses an EMC storage array. The host is registered on the array. Other hosts that have the same WWPN also appear to logged in. which action resolves the issue?

A. Remove the local disks that are connected to the blade.
B. Ensure that the storage array is cable correctly.
C. Explicitly register all the paths on the storage array.
D. Configure that LUN masking is applied correctly.

Answer: C

NEW QUESTION 42
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

Server Interfaces:
====================
   Interface: fc1/6, VSAN: 1, NPIV: No, State: Waiting for FLOGI

   Number of Server Interfaces: 7
```

Customer encounters the problem as shown in the exhibit. What is the cause of the problem?

A. No server was requested or received by the FLOGI database.
B. One external link must be up for server interface to be up.
C. Multiple external links must be up for the server to come up.
D. Internal links are down and must be up for the server interface to be up.

Answer: A

NEW QUESTION 44
A customer has two data centers. In both data centers, the customer has two Cisco Nexus 7000 switches. For redundancy, the customer implemented HSRP and vPC. The customer implemented OTV to extend VLAN 325 between data centers and the customer has one default gateway over the four Cisco Nexus 7000 switches. The customer attempts HSRP filtering over the DCI link with HSRP group 325. Which MAC address should be filtered over the DCI network?

A. 0000.0c9f.f145
B. 0000.0C07.A145
C. 001e.0C9F.F145
D. 001e.0C07.A145

Answer: A

NEW QUESTION 49
Which option is exchanged between neighbors during OTV adjacency formation across the Layer 3 multicast network?

A. IGMP packets
B. OTV open messages
C. L1 IS-IS Hello packets
D. OTV adjacency packets

Answer: B

NEW QUESTION 52
What are the minimum number and maximum number of members that a SAN PortChannel can have?

A. 1, 16
B. 2, 16
C. 1, 32
D. 2, 32
E. 1 minimum with no maximum
F. 2 minimum with no maximum

Answer: A

NEW QUESTION 55
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

Server Interfaces:
====================
   Interface: fc1/6, VSAN: 1, NPIV: No, State: Waiting for External Interface

   Number of Server Interfaces: 7
```

A customer is having a problem with NPV. Which of these is the cause of the problem?

A. No server was requested or received by the FLOGI database.
B. One external link must be up for server interface to be up.
C. Multiple external links must be up for the server to come up.
D. Internal links are down and must be up for the server interface to be up.

Answer: B

NEW QUESTION 57
An administrator disassociates the service profile from a server. What happens to the identity and connectivity information for the physical server?

A. it takes parameters of other servers in the service profile.
B. it is reset to factory details.
C. it uses master service profile parameters.
D. it is maintain and can be reused.

Answer: D

NEW QUESTION 60
After disassociating a service profile from a server, you attempt to associate the service profile to a different server. Which policy in the service profile can prevent it from being associated to a different server?

A. SAN connectivity
B. maintenance
C. LAN connectivity
D. power management

Answer: D

NEW QUESTION 63
On the secondary vPC switch, under which circumstance does the vPC autorecovery feature not bring up the vPC member ports?

A. Peer link fails, and subsequently, the peer-keepalive link fails.
B. Peer link is up, and the peer-keepalive link fails.
C. Both vPC peers are reloaded, and the primary does not come back up.
D. Peer link fails, and subsequently, the primary switch fails.

Answer: B

NEW QUESTION 67
You are troubleshooting LACP issues on a Cisco Nexus platform. Which two LACP modes can you view by using the show lacp interface command? (Choose two.)

A. passive
B. active
C. standby
D. auto-negotiate
E. on

Answer: AB

NEW QUESTION 72
Which statement is true regarding LACP configuration?

A. With LACP, you can bundle up to 16 interfaces in a channel group.
B. LACP configuration is global and can be only configured by admin.
C. After removing LACP configuration, you need to reboot the device.
D. You can disable LACP while any LACP configurations are present.

Answer: A

NEW QUESTION 77
In Cisco UCS Central you have a certificate that has the status set to Not Yet Valid. Which scenario could cause the issue?

A. The time is incorrectly synchronized.
B. The trusted point uses a bundled certificate that has a minimum depth of 10.
C. The certificate field is empty.
D. The certificate is issued by a different trusted point.

Answer: A

NEW QUESTION 80
A customer is deploying FCoE in its network and has found that the connected host does not support FIP. Which command will be useful in troubleshooting this issue?

A. show platform fcoe_mgr info interface vfc id
B. show platform fcoe_mgr info software interface vfc id
C. show platform software fcoe_mgr info interface vfc id
D. show platform software interface fcoe_mgr info vfc id

Answer: C

NEW QUESTION 84
Refer to the exhibit.

```
adapter 1/1/1 (fls):6# lunlist 6
vnic : 6 lifid: 4
 - FLOGI State : flogi est (fc_id 0xa80038)
 - PLOGI Sessions
 - WWNN 50:0a:09:81:82:dd:97:ff WWPN 50:0a:09:81:82:dd:97:ff fc_id 0xa80400
 - LUN's configured (SCSI Type, Version, Vendor, Serial No.)
LUN ID : 0x0000000000000000 access failure
 - REPORT LUNs Query Response
LUN ID : 0x0000000000000000
 - Nameserver Query Response
 - WWPN : 50:06:01:62:39:a0:1d:b6
```

You have a server that fails to boot *which option is a possible cause of the issue?

A. an incorrect boot policy
B. incorrect zoning
C. an incorrect FC/FCoE target port in the SAN
D. incorrect LUN masking on the Storage array

Answer: D

NEW QUESTION 89
What is one requirement for running FabricPath on a Cisco Nexus 7000 Series switches?

A. You must have an F Series module
B. You must run NX-OS version 4.2 to run FabrciPath
C. ISSU needs to be disabled to run FabricPath
D. LAN_TRANSPORT_SERVICES_PKG license needs to be installed to run FabrciPath

Answer: A

NEW QUESTION 93
Refer to the exhibit.

```
port-profile type ethernet uplink-storage
   vmware port-group
   switchport mode trunk
   switchport trunk native vlan 50
   switchport trunk allowed vlan 50,60-70
   no shutdown
   system vlan 60-70
   state enabled

N1K # config t
N1K(config)# port-profile type ethernet uplink-storage
N1K(config-port-prof)# switchport trunk allowed vlan remove 70

ERROR: This config blocked for system vlan profiles. Remove
system vlans and retry.
```

Which action removes the system designation from VLAN 70?

A. Create another port profile that excludes VLAN 70
B. Shut down the port profile first
C. Delete the uplink-storage port profile, and then receive it
D. Remove VLAN 70 from the trunk first

Answer: A

NEW QUESTION 96
Refer to exhibit.
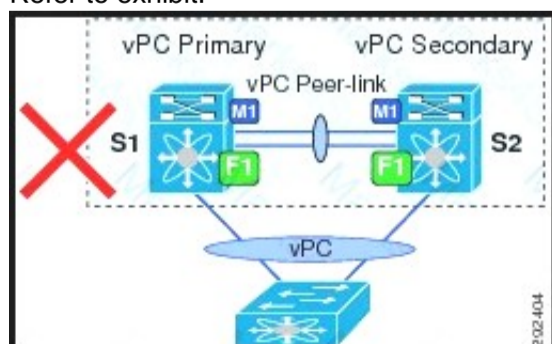
Customer has a pair of Cisco Nexus7010s switches and connected to a single Cisco Nexus5548 switch via vPC. Customer has a combination of M1 and F1 I/O Modules in Cisco Nexus7010s.
Why is the design described not supported?

A. Mixing I/O Modules on the Same Side of a Peer Link is not supported

B. vPC does not support split control plane
C. You can not configure a vPC peer link to configure two devices as vPCs
D. Need to add another Cisco Nexus5548 switch to the topology to make this work.

Answer: A

NEW QUESTION 99
Which two of these would cause two switch fabrics not to merge? (Choose three.)

A. The switches do not have at least one assigned domain ID in common.
B. Two switches have different assigned VSANs on the connecting ports.
C. The switches have different assigned VLANs on the connecting ports.
D. The static domain ID does not override the dynamic ID.
E. The election of the static domain is only determined by the WWNs of the two switches.

Answer: BC

NEW QUESTION 103
Refer to the exhibit.

```
Nexus 1:
  vpc domain 10
    role priority 1
    system-priority 1
    peer-keepalive destination 1.1.1.1 source 1.1.1.2

Nexus 2:
  vpc domain 10
    role priority 2
    system-priority 2
    peer-keepalive destination 1.1.1.2 source 1.1.1.1
```

You configure a vPC between two Cisco Nexus 7000 Series switches but the peer link will not come up. What is the problem?

A. The configuration is correc
B. The problem lies elsewhere.
C. The vPC domain numbers must be different.
D. The role priority must be the same.
E. The system priority must be the same.

Answer: D

NEW QUESTION 107
You discover that OSPF neighbors are stuck in Exstart and Exchange states.
What prevents the external routes from being propagated to the leaf switches to which endpoints are attached for a given tenant?

A. The outside router is configured with an incorrect OSPF area ID.
B. There is an MTU mismatch between the OSPF neighbors.
C. The outside router is configured with an incorrect OSPF area type.
D. The outside router is configured for MTU 9000.

Answer: B

NEW QUESTION 108
Drag the Cisco UCS Manager maintenance actions on the left to the correct descriptions on the right. Not all options are used.

Answer:

Explanation: Rebuilds the connections to a server when the server is stuck in an unexpected state = Re-acknowledge Causes Cisco UCS Manager to send an NMI from the CIMC = Recover Server
Causes Cisco UCS Manager to retain a portion of the information about a server for future use = Remove Causes Entries for a specific server to be deleted from the UCS database = Decommission

NEW QUESTION 113
After a data center is upgraded with new Cisco Nexus switches, some of the links using multimode fiber no longer work, which type Of multimode cables are valid?

A. OM4 cable for 700 mat 10 Gb
B. OM3 cable for50 m at 40 Gb with QSFP BiDi
C. OM4 cable for 150 m at 40 Gb QSFP BiDi
D. OM2 cable for 550 mat 10 Gb

Answer: B

NEW QUESTION 118
You use external storage to boot Cisco UCS B-series servers, The servers also have internal disks, You discover that one of the servers fails to boot from the SAN Other servers successfully boot from the SAN, What are too possible causes of the Issue? (Choose too)

A. cabling
B. the QOS settings on the Fabric Interconnect
C. the power consumption of the blade
D. zoning
E. LUN masking on the storage array

Answer: DE

NEW QUESTION 123
Refer to the exhibit.

```
feature nv overlay
feature vn-segment-vlan-based

vlan 500
  vn-segment 5500

interface loopback1
  ip address 10.1.1.1/24
  ip router ospf 100 area 0.0.0.0
  ip pim sparse-mode

interface nve1
  no shutdown
  source-interface loopback1
  overlay-encapsulation VXLAN
  member vni 5500 mcast-group 239.1.1.1
```

The VXLAN configuration fails. Which action do you take to resolve the issue?

A. Change the multicast address in the 232.0.0.0/8 range.
B. Change the mask of loopback1 to 255.255.255.255.
C. Use a transit interface as the source interface.
D. Enable dense mode on loopback1.

Answer: B

NEW QUESTION 126
Refer to the exhibit.
You are configuring a FCoE VDC on a Cisco Nexus 7000 Series Switch. You are required to identity compatible QoS policies for the FCoE VDC. Drag and drop the QoS policy names on the left to their correct compatibility categories on the right.

| default-nq-6e-policy |
| default-nq-7e-policy |
| default-nq-8e-policy |
| default-nq-4e-policy |

Compatible with storage VDC

Incompatible with stoage VDC

Answer:

Explanation:

| default-nq-6e-policy |
| default-nq-7e-policy |
| default-nq-8e-policy |
| default-nq-4e-policy |

Compatible with storage VDC

| default-nq-4e-policy |
| default-nq-6e-policy |
| default-nq-8e-policy |

Incompatible with stoage VDC

| default-nq-7e-policy |

NEW QUESTION 131
A customer reports that a 10-Gb interface between a Cisco Nexus 7009 Switch and a Cisco Nexus 5548UP Switch is not passing traffic. The Nexus 7009 interface indicates up/up. The Nexus 5548UP interface indicates up/down. Which feature should you enable to help isolate the root cause?

A. CDP
B. GOLD
C. UDLD
D. DAI
E. LACP

Answer: C

NEW QUESTION 135
An engineer enters the show svs neighbors command as shown below. Which statement describes the output of the command?

```
switch# show svs neighbors
Active Domain ID: 1030

AIPC Interface MAC: 0050-568e-58b7
Inband Interface MAC: 0050-568e-2a39

Src MAC          Type Domain-id    Node-id   Last learnt (Sec. ago)
-----------------------------------------------------------------
0002-3d44-0602   VEM 1030         0302      314318.29
```

A. The VSM cannot connect to the VEM.
B. The vCenter server cannot connect to the VSM.
C. The VSM is connected to the VEM by using an Layer 2 network.
D. The VSM is connected to the VEM by using an Layer 3 network.

Answer: B

NEW QUESTION 136
A customer reports that it cannot establish a vPC peer link between two Cisco Nexus 5548UP Switches. The interfaces on both switches are configured and cabled correctly. The interface status is up/down on switch 1 and up/up on switch 2. Which three steps are taken to isolate the root cause? (Choose three.)

A. ask the customer if the link was ever functional
B. determine whether the fiber-optic cable type (single mode or multimode) matches the X2 modules
C. swap the fiber-optic cable with one known to be good
D. swap the transceivers between the two interfaces
E. swap the ends of the fiber-optic cable

Answer: CDE
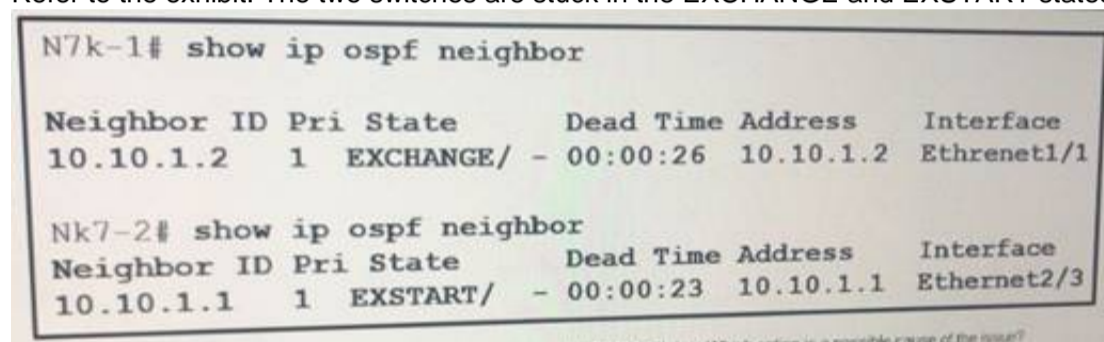
NEW QUESTION 140
Which statement is true regarding STP?

A. When the spanning-tree topology is calculated based on default parameters, the path between the source and destination end stations in a switched network might not be ideal.
B. The path between the source and the destination end stations is always ideal with the default spanning-tree parameter.
C. The path between the source and the destination end stations is determined by the speed of the link; the slowest link speed will become the root port during the election.
D. The path between the source and the destination end stations is determined by the lowest MAC address; the lowest MAC address will become the root port during the election.

Answer: A

NEW QUESTION 141
Refer to the exhibit. The two switches are stuck in the EXCHANGE and EXSTART states. Which option is a possible cause of the issue?

A. The subnet mask is mismatched.
B. The interfaces are not connected.
C. The MTU is mismatched.
D. The IP address of the OSPF process is incorrect.

Answer: C

NEW QUESTION 145
Which statement is true regarding how OTV edge devices will react based on the configuration of the VLANs being extended across the overlay network?

A. Any VLANs not extended will not be populated in the local OTV route table.
B. Only the same-site edge AED device controls which VLANs are to be extended.
C. Any extended VLANs will not be populated in the remote OTV route table.
D. By default, all VLANs on an edge device will be extended.

Answer: A

NEW QUESTION 148
You have a node in a decommissioned state. What could cause the issue?

A. The node was disabled by the user.
B. The node is unreachable.
C. The node is in a transient state.
D. The node cannot join the fabric

Answer: A

NEW QUESTION 153
After moving Cisco UCS to a new data center that has a different management IP network, you discover that the KVM Stops working. What is a possible cause of the issue?

A. The management IP block uses the same subnet as the management port of the UCSM.
B. The management IP block uses a different subnet than the management port of the UCSM.
C. The management IP block is not cleared,
D. The management IP block is not defined.

Answer: B

NEW QUESTION 155
Refer to the exhibit.

```
FC-SW1# show fcns database

VSAN 301:

----------------------------------------------------------------------
FCID        TYPE PWWN                         (VENDOR)   FC4-TYPE:
                                                         FEATURE
----------------------------------------------------------------------
0x7ef060 N   25:de:00:2a:6a:11:ef:bf (Cisco)        npv
0x7ef080 N   26:e1:00:2a:6a:11:ef:bf (Cisco)        npv
0x7ef0a0 N   29:e8:00:2a:6a:11:ef:bf (Cisco)        npv
0x7ef0c0 N   29:8e:00:2a:6a:11:ef:bf (Cisco)        npv
0x7e06df N   50:0e:01:60:08:65:6d:42 (Clariion) scsi-fcp:both
             [STORAGE-ARRAY1-PORT1]
0x7e01ef N   50:e6:01:69:08:65:6d:42 (Clariion) scsi-fcp:both
             [STORAGE-ARRAY1-PORT2]
0x7e02ef N   50:0e:01:64:08:62:6d:42 (Clariion) scsi-fcp:both
             [STORAGE-ARRAY2-PORT1]
0x7e03ef N   50:0e:01:6d:08:62:6d:42 (Clariion) scsi-fcp:both
             [STORAGE-ARRAY2-PORT2]
```

Which feature is enabled on FC-SW1?

A. NPIV
B. NPV
C. FCIP
D. iSCSI

Answer: B

NEW QUESTION 156
Refer to the exhibit.

```
switch# sh int fc2/7
fc2/7 is down (NPV upstream port not available)
Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)
Port WWN is 20:47:00:0d:ec:a4:3b:80
Admin port mode is F, trunk mode is off
snmp link state traps are enabled
Port vsan is 99
Receive data field Size is 2112

switch# show vsan membership
vsan 1 interfaces:
fc2/1 fc2/2 fc2/3 fc2/4
fc2/5 fc2/6 san-port-channel 200
vsan 99 interfaces:
fc2/7 fc2/8
```

The server port connected to the NPV edge switch does not come online. Which action should fix the problem?

A. Move the NP ports on the NPV edge and the F ports on the NPIV into the same VSAN 99.
B. Move the NP ports on the NPV edge and the F ports on the NPIV in the default VSAN 1.
C. Move all the ports into VLAN 1.
D. Move all the ports into VSAN 99.
E. Move all the ports into VLAN 99.

Answer: A

NEW QUESTION 161
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

External Interfaces:
====================
   Interface: fc1/1, VSAN: 1, FCID: 0x110000, State: Failed(Mismatch in VSAN for this
   upstream port)

   Number of External Interfaces: 1
```

When your customers have NPV problems, which three actions should you take? (Choose three.)

A. Verify that the NPV core switch supports NPIV and that it is enabled.
B. Verify that all ports are properly configured and connected.
C. Ensure that the VLAN values are configured on both sides of the NPV core switch.
D. Verify the status of the servers and external interfaces, using the show npv server status command.
E. Ensure that the VSAN value that is configured on the device links is correct.
F. For all the device links, ensure that the port mode on the NPV device is in Full_port mode.

Answer: ABE

NEW QUESTION 166
Refer to the exhibit.

```
UCS-A# show service-profile circuit server 1/6
Service Profile: test1
Server: 1/6
  Fabric ID: A
    Path ID: 1
    VIF  vNIC  Link State  Oper State  Prot State  Prot Role  Admin Pin  Oper Pin  Transport
    ---  ----  ----------  ----------  ----------  ---------  ---------  --------  ---------
    692  eth0  Error       Error       Active      Primary    0/0        0/0       Ether
  Fabric ID: B
    Path ID: 1
    VIF  vNIC  Link State  Oper State  Prot State  Prot Role  Admin Pin  Oper Pin  Transport
    ---  ----  ----------  ----------  ----------  ---------  ---------  --------  ---------
    693  eth0  Up          Active      Passive     Backup     0/0        1/15      Ether
```

You have fabric interconnects. You discover that all traffic flows through a fabric interconnect named fabric-interconnect B.
Which of the following could cause the issue?

A. An administrator evacuated fabric-interconnect A.
B. There is a version mismatch between the fabric interconnects.
C. An administrator assigned an invalid OOBP IP address to fabric-interconnect B.
D. the fabric interconnects have duplicate IP address.

Answer: A

NEW QUESTION 167
Refer to the exhibit.
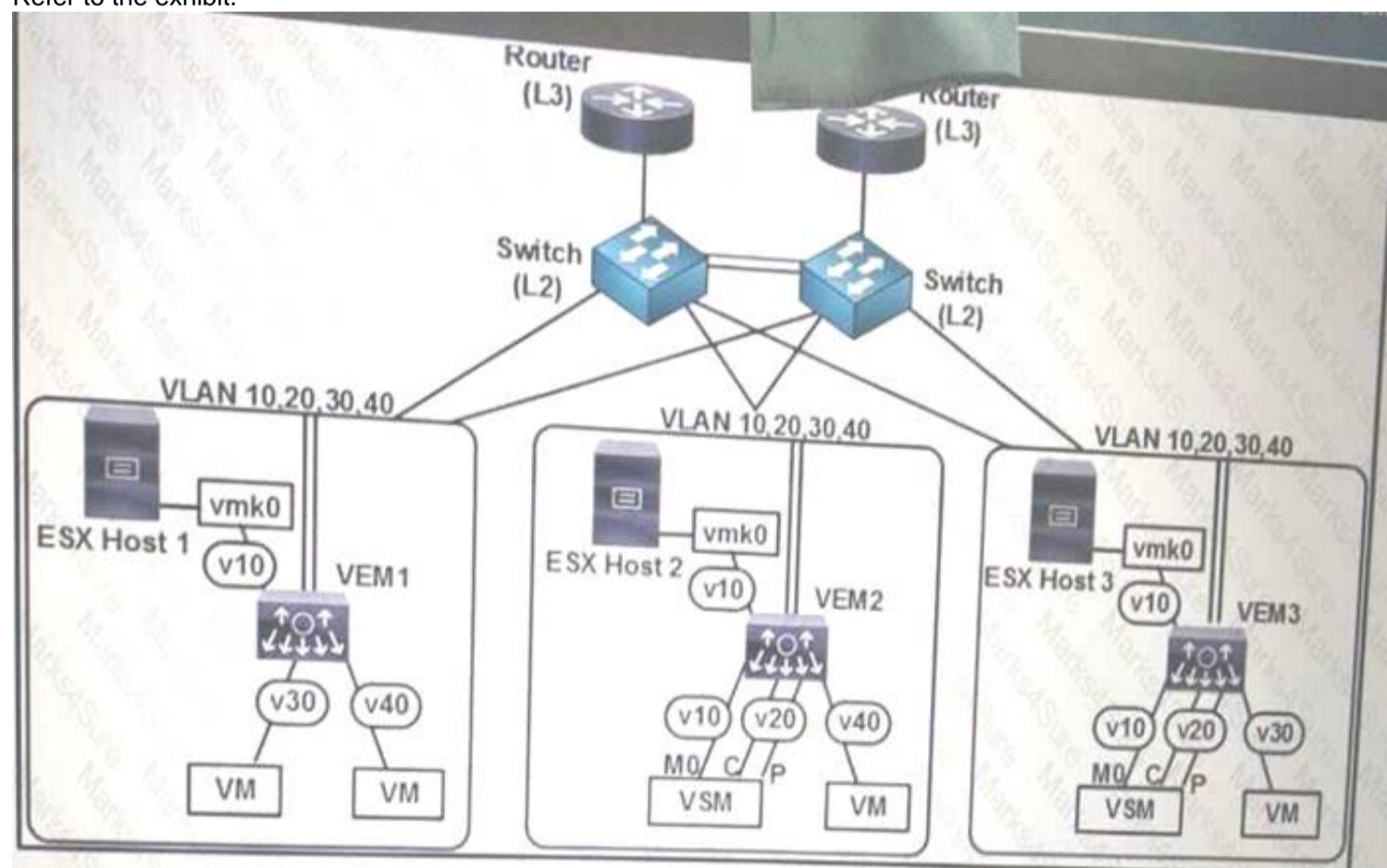
The VEMs fail to join a Cisco Nexus 1000V Series Switch. You determine that a system VLAN must be set on a system-uplink port profile. Which VLAN do you configure as a system VLAN?

A. 40
B. 10

C. 20
D. 30

Answer: B

NEW QUESTION 169
Refer to the exhibit.

```
%STP-2-L2GW_BACKBONE_BLOCK: L2 Gateway Backbone port inconsistency blocking port
port-channel100 on VLAN0010.
```

Which conditions can trigger on a Cisco Nexus device running FabricPath?

A. A switch connected to the Cisco Nexus device is running RSTP instead of STP.
B. ABPDU with bridge priority set to 61140 is received by the switch edge port.
C. The switch edge port in the STP domain is not configured as root.
D. VLAN is configured incorrectly on port-channel 100.

Answer: C

NEW QUESTION 170
FCoE traffic from C200-1 on VSAN 13 is not being switched through the network. Which statement explains the cause of the problem?

N5K2

N5K2#

N5K1

N5K1#

A. The LAN switchport on N5K2 must be configured as a trunk.
B. VLAN 1013 on N5K2 is not allowed on the LAN.
C. The vFC on N5K2 that is associated with VSAN 13 is in the wrong port mode.
D. The M1 card on the Nexus 7000 switch does not support FCoE.

Answer: D

NEW QUESTION 175
Refer to the exhibit.

```
switch(config-if)# show interface brief

---------------------------------------------------------------------------
Interface  Vsan   Admin   Admin    Status        SFP    Oper  Oper   Port
                  Mode    Trunk                         Mode  Speed  Channel
                          Mode                                (Gbps)

fc2/3      1      E       on       isolated      swl    --           --

switch(config-if)# show interface fc 2/3
fc2/3 is down (Isolation due to no common vsans with peer on trunk)
    Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)
    Port WWN is 20:43:00:0d:ec:da:6e:00
    Admin port mode is E, trunk mode is on
```

During a VSAN outage, you come across this configuration. Please select two possible causes? (Choose two)

A. no common VSANs on both switches
B. no common trunks
C. no common VSAN members in the same trunk
D. VSANs in trunk are the same, but the trunk is not up

Answer: AC

NEW QUESTION 177
Which command would you use to check the status of your configuration synchronization peer?

A. N5K2# show switch-profile peer
B. N5K2# show config-sync peer
C. N5K2# show synch peer
D. N5K2# show peer status
E. N5K2# show switch peer

Answer: A
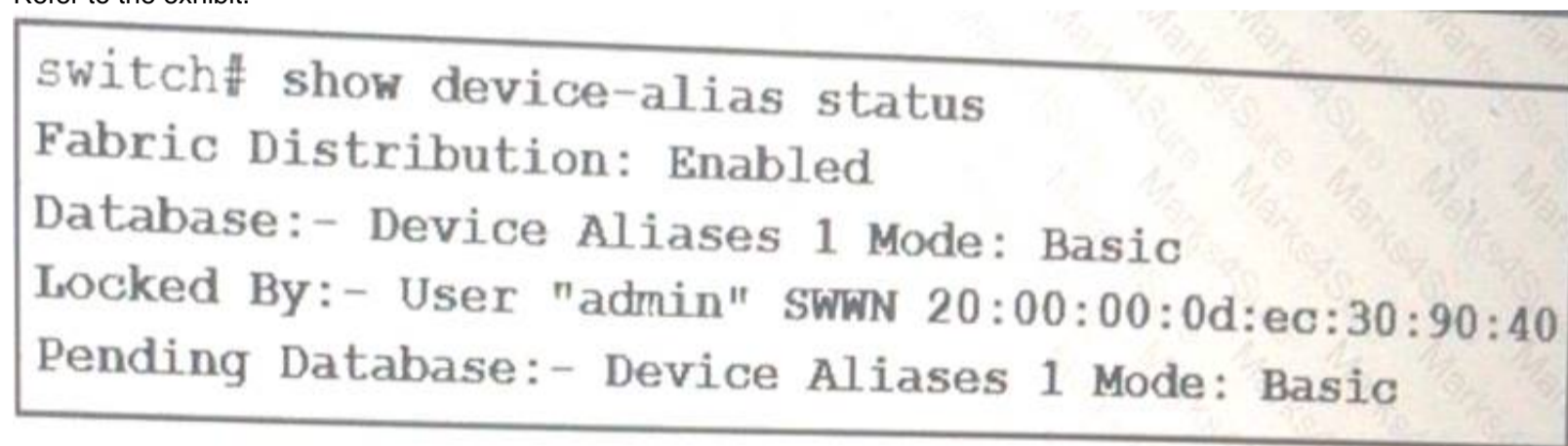
NEW QUESTION 182
Which two commands will show all the OTV edge devices and their MAC addresses in the local site? (Choose two.)

A. show otv overlay
B. show otv site
C. show otv vlan
D. show otv adjacency
E. show mac address-table

Answer: BD

NEW QUESTION 185
Refer to the exhibit.

```
switch# show device-alias status
Fabric Distribution: Enabled
Database:- Device Aliases 1 Mode: Basic
Locked By:- User "admin" SWWN 20:00:00:0d:ec:30:90:40
Pending Database:- Device Aliases 1 Mode: Basic
```
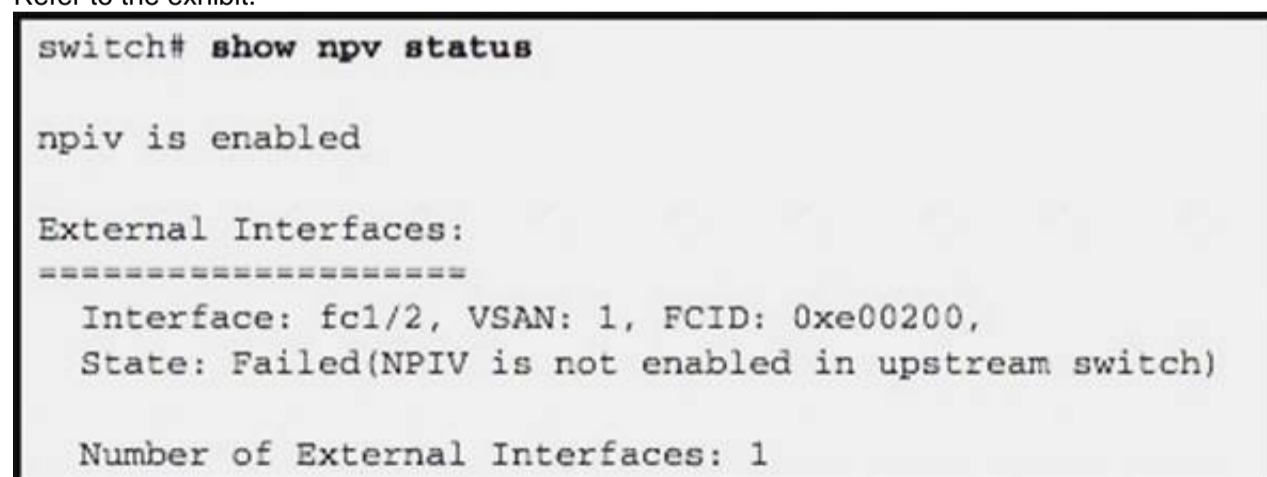
What should you do to release the lock on the device alias database?

A. Change the device alias mode to enhanced.
B. Ensure that the zone alias is configured.
C. Disable the fabric distribution.
D. Commit the pending changes

Answer: D

NEW QUESTION 188
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

External Interfaces:
====================
   Interface: fc1/2, VSAN: 1, FCID: 0xe00200,
   State: Failed(NPIV is not enabled in upstream switch)

   Number of External Interfaces: 1
```

The customer informs you of a problem they are encountering. What is the cause of the problem?

A. The core upstream switch does not have NPIV enabled.
B. The downstream switch does not have NPIV enabled.
C. NPIV has been disabled on all switches.
D. NPIV has been configured but not enabled on the uplink port.

Answer: A

NEW QUESTION 192
Refer to the exhibit,

```
switch(config-if)# sh int fc2/2
fc2/2 is down (Initializing)
Hardware is Fibre Channel, SFP is short wave laser w/o OFC
(SN)
Port WWN is 20:42:00:0d:ec:a4:3b:80
Admin port mode is NP, trunk mode is on
```

You configure a Cisco Nexus 5000 in NPV mode to enable multiple servers to log in over a single link to the NPV switch. Which option describes why the vfc interface is stuck on "initializing" state?

A. The load balancing is configured incorrectly on the Cisco Nexus 5000 switch.
B. The Version of code does not support the NPV feature.
C. The Cisco Nexus 5000 switch does not have "feature npv" enabled.
D. The upstream switch does not have "feature npiv" enabled.

Answer: D

NEW QUESTION 197
Which two protocols are important for DCBX to enable the 'no drop' classes that are needed for lossless transmission? (Choose Two.)

A. PFC
B. LACP
C. FIP
D. LLDP
E. ETS

Answer: AE

NEW QUESTION 201
A customer is troubleshooting FCoE in its network. They have discovered that vFC is currently down and there is no active STP port state on the bound Ethernet interface. What should the STP port state be to correct this issue?

A. The bound interface should be in an STP forwarding state for the native VLAN only.
B. The bound interface should be in an STP learning state for both the native VLAN and the member FCoE VLAN that is mapped to the active VSAN.
C. The bound interface should be in an STP forwarding state for both the native VLAN and the member FCoE VLAN that is mapped to the active VSAN.
D. The bound interface should be in an STP blocking state for both the native VLAN and the member FCoE VLAN that is mapped to the active VSAN.

Answer: C

NEW QUESTION 204
Refer to the exhibit.
You install a new Cisco Nexus F3-Series module on a Nexus 7700 Series switch. When you attempt to allocate an interface from the module to a new VDC, an error occurs. Which issus could the error?

```
DC-CORE7700(config-vdc)# allocate interface ethernet 1/1 - 3

Moving ports will cause all config associated to them in
source vdc to be removed.
Are you sure you want to move the  ports (y/n)?  [yes] y

ERROR: 1 or more interfaces are from a module of type not
supported by this vdc
```

A. Cisco o Nexus F3-Series modules are unsupported in VDCs.
B. The limit-resource vlan minimum 16 maximum 4094 command missing.
C. The limit-resource module-type f3 command is missing.
D. Cisco Nexus f3-Series modules are unsupported on Nexus 7700 Series Switches.

Answer: C

NEW QUESTION 207
You receive an error attempting to enable the vPC feature on a Cisco Nexus 7018 Switch. Which Cisco Fabric Services distribution must be operational before the feature can be enabled?

A. CFSoFC
B. CFSoIP
C. CFSoV
D. CFSoE

E. CFSoM

Answer: D

NEW QUESTION 212
Refer to the exhibit.

```
switch(config-vsan-db)# show interface brief

---------------------------------------------------------------------------
Interface  Vsan    Admin   Admin    Status        SFP    Oper   Oper    Port
                   Mode    Trunk                          Mode   Speed   Channel
                           Mode                                  (Gbps)
---------------------------------------------------------------------------
fc2/4      50      E       off      up            swl    E      2       --

switch(config-if)# show interface brief

---------------------------------------------------------------------------
Interface  Vsan    Admin   Admin    Status        SFP    Oper   Oper    Port
                   Mode    Trunk                          Mode   Speed   Channel
                           Mode                                  (Gbps)
---------------------------------------------------------------------------
fc1fc1/2   100     E       off      up            swl    E      2       --

 switch(config-if)# show topo

 FC Topology for VSAN 100 :
 ---------------------------------------------------------------------------
        Interface  Peer Domain Peer Interface    Peer IP Address
 ---------------------------------------------------------------------------
           fc1/2   0x42(66)      Port 65795      ::

The zoneset shows one member is not active

switch(config-vsan-db)# show zoneset active vsan 100
zoneset name ZoneSet_Host_Storage vsan 100
   zone name Zone_Host_Storage vsan 100
     pwwn 20:00:00:25:b5:00:20:0e [Host]
   * fcid 0x5a0000 [pwwn 50:0a:09:81:86:78:39:66] [Storage]

switch(config-if)# show zoneset active vsan 100
zoneset name ZoneSet_Host_Storage vsan 100
   zone name Zone_Host_Storage vsan 100
   * fcid 0x640114 [pwwn 20:00:00:25:b5:00:20:0e] [Host]
     pwwn 50:0a:09:81:86:78:39:66 [Storage]
```

Customer is having problems with a device in VLAN100? What would fix the problem?

A. Move the trunk port into VSAN 100.
B. Change interface fc1fc1/1 into a trunk port and remove VSAN 100.
C. Change interface fc2/4 into a trunk port.
D. Change interface fc2/4 into VSAN 100.
E. Change interface fc1fc1/2 into VSAN 100.

Answer: D

NEW QUESTION 213
Refer to the exhibit.

```
FSPF-3-HELLO_MISMATCH: %$VSAN <vsan-id>%$ Mismatch in Hello timer in the Hello packet on
interface san-port-channel <channel-id>
%FSPF-3-FC2_PROC_ERR: %$VSAN <vsan-id>%$ Error in processing HELLO  packet on interface
san-port-channel <channel-id>, Error  = Bad packet received
```

VSAN traffic is not being routed through SAN fabric. Which action is helpful to resolve the problem?

A. Make sure that the FSPF hello interval value matches on both switches.
B. Change the FSPF hello timer back to the default of 5 seconds.
C. Make sure that the FSPF hello timers are different so that they do not compete.
D. Make sure that the FSPF dead timers are both set to 0.

Answer: A

NEW QUESTION 214
Two fabric interconnects fail during a Cisco UCS firmware upgrade. Drag and drop the recovery steps from the left into the correct order on the right.

Load the system image.	
Reboot the switch and press Ctrl+L.	
Run dir to find the available images.	
Boot the kernel firmware by using the bootflash.	
Update the software version of the fabric interconnect.	

Answer:

Explanation:

Load the system image.	Run dir to find the available images.
Reboot the switch and press Ctrl+L.	Load the system image.
Run dir to find the available images.	Update the software version of the fabric interconnect.
Boot the kernel firmware by using the bootflash.	Boot the kernel firmware by using the bootflash.
Update the software version of the fabric interconnect.	Reboot the switch and press Ctrl+L.

NEW QUESTION 218
Which solution can be applied if there is communication between hosts in different VLANs over Cisco OTV and the hosts are losing connectivity?

A. Configure an EFM script to clear MAC CAM tables on all deuces every 25 minutes.
B. Increase the Cisco OTV CAM timers to match the ARP timer on any non-Nexus switches.
C. Move hosts so that they belong to the same VLAN,
D. Configure me ARP timers of any non-Nexus switches to be less than the Cisco OTV CAM timer.

Answer: D

NEW QUESTION 219
You have a Cisco UCS Central cluster. An I/O error is detected in the shared storage. What is a possible cause of the issue?

A. One of the Cisco UCS Central nodes is powered off.
B. The wrong path selection policy is configured in VMware.
C. The shared storage LUN was shared by a virtual machine other than the Cisco UCS Central cluster nodes.
D. The Cisco UCS domain is not registered in Cisco UCS Central.

Answer: C

NEW QUESTION 224
You have an FEX connected with two uplinks When you attempt to set the max-link parameter to 4 for the FEX, you receive an error message Which issue could cause the error?

A. There are too few links.
B. The links are configures as port channels.
C. The FEX is offline.
D. The links must be domain prior to changing the parameters.

Answer: B

NEW QUESTION 229
FHRP isolation between data center networks that are connected over an OTV network is a two-step process; the first prevents FHRP peering by filtering FHRP control packets across the overlay via a VLAN ACL. What is the second step?

A. Filter the FHRP MAC addresses that are being advertised by IS-IS.
B. Remove the FHRP VLAN from the OTV extend-vlan list.
C. Apply a VLAN to a route map that is applied to the OTV routing process.
D. Disable the auto-population of the OTV MAC address table.

Answer: A

NEW QUESTION 231
When a directly connected host pings a switch virtual interface on the Cisco Nexus 7000 Series Switch, there is intermittent ping loss. What is the cause?

A. CoPP is applying microflow policing to all traffic from the host that is destined to the CPU.
B. CoPP is applying microflow policing to all traffic to the host that is leaving the CPU.
C. CoPP is rate-limiting all ICMP traffic that is destined to the CPU.
D. CoPP is rate-limiting all ICMP traffic that is leaving the CPU.

Answer: C

NEW QUESTION 234
Which connectivity topology is valid for Cisco UCS B-Series Servers'?

A. a standalone Cisco UCS Fabric Interconnect that has a dual uplink from the IOM to the Fabric Interconnect
B. dual Cisco UCS Fabric Interconnects without L1-L1 and L2-L2 connections
C. dual Cisco UCS Fabric Interconnects without 12-12 connections
D. IOM bypass

Answer: A

NEW QUESTION 237
Which two conditions can prevent FCoE from functioning properly across a link? (Choose two.)

A. LLDP is disabled.
B. PFC was negotiated across the link.
C. DCBX is enabled on the device.
D. The VFC interface is down.
E. The VSAN trunking protocol was enabled.

Answer: AD

NEW QUESTION 239
Refer to the output. feature otv
otv site-vlan 2
otv site-identifier 256
!
interface ethernet 2/0
ip address 192.0.2.1/24 ip igmp version 3
!
interface ethernet 2/1 ip address 192.0.2.2/24 ip igmp version 3
!
interface Overlay1
otv control-group 239.1.1.1 otv join-interface ethernet 2/0 otv extend-vlan 3-100
!
interface Overlay2
otv control-group 239.1.1.1 otv join-interface ethernet 2/1 otv extend-vlan 101-115
Which command best represents where the control plane configurations are applied?

A. switch(config-if-overlay)# otv isis hello-interval 30
B. switch(config-if)# otv isis hello-interval 30
C. switch(config-vlan)# otv isis hello-interval 30
D. switch(config)# otv isis hello-interval 30

Answer: A

NEW QUESTION 240
Refer to the exhibit.

```
switch(config)# show cfs lock name ntp
Scope    : Physical-fc-ip
-----------------------------------------------------------------------
 Switch WWN              IP Address              User Name    User Type
-----------------------------------------------------------------------
 20:00:00:0d:ec:50:09:00 172.25.183.42           admin        CLI/SNMP v3
Total number of entries = 1
 switch(config)# show cfs internal session-history name ntp detail
---------------------------------------------------------------------------
 Time Stamp              Source WWN             Event
 User Name               Session ID
---------------------------------------------------------------------------
 Thu Aug  5 11:51:02 2010 20:00:00:0d:ec:da:6e:00  LOCK_REQUEST
 admin                   35035
 Thu Aug  5 11:51:02 2010 20:00:00:0d:ec:da:6e:00  LOCK_ACQUIRED
 admin                   35035
 Thu Aug  5 11:51:03 2010 20:00:00:0d:ec:da:6e:00  COMMIT[2]
 admin                   35040
 Thu Aug  5 11:51:03 2010 20:00:00:0d:ec:da:6e:00  LOCK_RELEASE_REQUEST
 admin                   35035
 Thu Aug  5 11:51:03 2010 20:00:00:0d:ec:da:6e:00  LOCK_RELEASED
 admin                   35035
 Thu Aug  5 12:03:18 2010 20:00:00:0d:ec:50:09:00  REMOTE_LOCK_REQUEST
 admin                   284072
 Thu Aug  5 12:03:18 2010 20:00:00:0d:ec:50:09:00  LOCK_OBTAINED
 admin                   284072
```

What command should you execute next in resolving a lock failure?

A. ntp execute
B. ntp commit
C. ntp lock
D. ntp help
E. ntp detail

Answer: B

NEW QUESTION 244
Refer to the exhibit. What does the output in the Scope column indicate?

```
fabric1_leaf5# show zoning-rule

Rule ID  SrcEPG  DstEPG  FilterID  operSt   Scope    Action

-------  ------  ------  --------  -------  -------  -------

4096     0       0       implicit  enabled  16777200 deny,log

4097     0       0       implicit  enabled  3080192  deny,log

4098     0       0       implicit  enabled  2686976  deny,log

4104     0       32770   implicit  enabled  2097152  permit

4105     49155   16387   13        enabled  2097152  permit

4112     16387   49155   13        enabled  2097152  permit

4113     49155   16387   12        enabled  2097152  permit

4114     16387   49155   12        enabled  2097152  permit
```

A. the fabric zone to which the rule applies
B. the VRF tenant to which the rule applies
C. the VRF segment to which the rule applies
D. the EPG to which the rule apples

Answer: C

NEW QUESTION 247
Refer to the exhibit.


```
S1-Configuration:                S2-Configuration:
hsrp anycast 10 ipv4             hsrp anycast 10 ipv4
  switch-id 50                     switch-id 50
  vlan 5,6,7                       vlan 5,6,7
  priority 120                     priority 120
  no shutdown                      no shutdown
interface Vlan5                  interface Vlan5
  hsrp 5                           hsrp 5
  ip 1.2.3.4                       ip 1.2.3.4


S3-Configuration:                S4-Configuration:
hsrp anycast 10 ipv4             hsrp anycast 10 ipv4
  switch-id 50                     switch-id 50
  vlan 5,6,7                       vlan 5,6,7
  priority 115                     priority 50
  no shutdown                      no shutdown
interface Vlan5                  interface Vlan5
  hsrp 5                           hsrp 5
  ip 1.2.3.4                       ip 1.2.3.4
```

You are troubleshooting a Cisco FabricPath anycast HSRP configuration issue What is the cause of the issue?

A. L1 and L2 would not be connected.
B. The switch ID that is used in each switch configuration must be different.
C. The priority for S1 and S2 is the same in each switch configuration.
D. HSRP version 2 must be used with HSRP any cast.

Answer: D

NEW QUESTION 251
After removing a VMM domain from an EPG, you discover that the associated virtual port groups remain in the VMware vCenter configuration. What causes the virtual port groups to persist in the configuration?

A. The MAC addresses that are learned by the ports of the spine switches are incorrect.
B. The port groups are being used by a virtual machine network adapter.
C. The MAC addresses that are learned by the ports of the leaf switches are incorrect
D. There is a mismatch between the data center name in vCenter and the VMM controller policy.

Answer: B

NEW QUESTION 253
Refer to the exhibit.
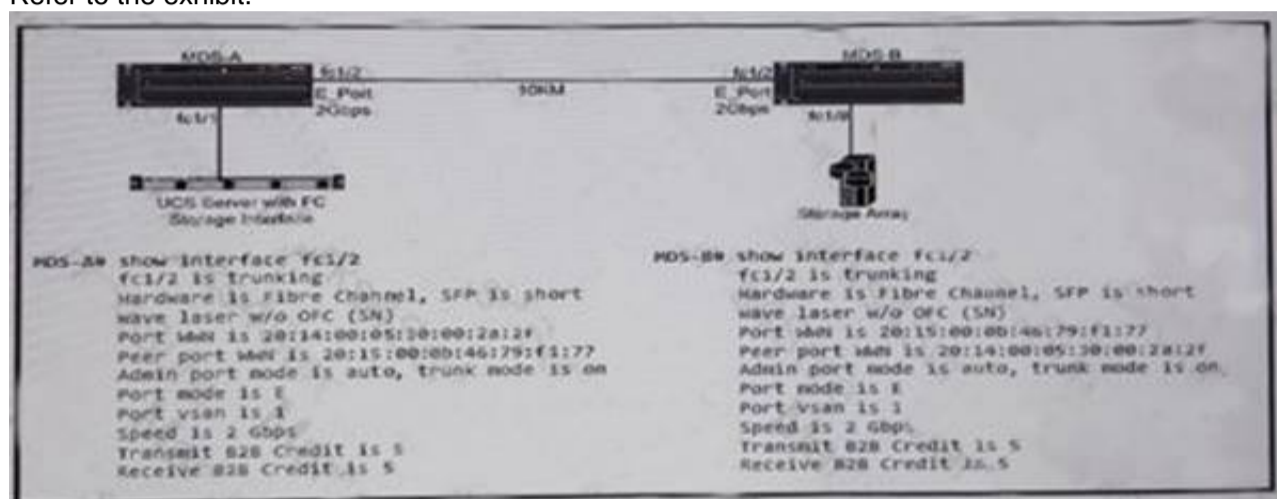
A customer has implemented dark fiber between two Cisco MDS SAN switches. After the network is put into production, the servers in site A experience poor performance when accessing the storage array in site B. While troubleshooting this issue, you discover the buffer credit applied on the interface that connects the MDS switches is incorrect. Which buffer credit value is need to optimize the performance of the storage array access?

A. 9
B. 10
C. 11
D. 12

Answer: D

NEW QUESTION 254
In an IP storage environment, what occurs if you apply a service profile to a server that has an Ethernet-only mezzanine card?

A. The storage adapter is not visible to the OS
B. A blade association occurs,
C. WWPN and WWNN are selected from the default pool
D. The OS fails to boot

Answer: B

NEW QUESTION 255
Refer to the exhibit.

```
Inventory                          ⚡ ◎
    📁 Quick Start
  ▶ 📁 Microsoft
  ▶ 📁 OpenStack
  ⬎ 📁 VMware
      ⬎ 🌐 VDS01
          ⬎ 📁 Controllers
              ⬎ 🔗 VC01
                  ▶ 📁 Hypervisors
                  ⬎ 📋 DVS - VDS01
                      ⬎ 📁 Portgroups
                          ▶ 📋 VDS01-DVUplinks-947
                          ▶ 📋 common|default|Test
                          ▶ 📋 common|default|Test3
                          ▶ 📋 quarantine
          ▶ 📁 Trunk Port Groups
      ▶ 🌐 VDS02
```

You have an EPG named SQL_SERVERS that must be assigned to virtual machines. The SQL_SERVERS EPG fails to appear as a port group on the VMware vSphere web client Other EPGs appear as port groups on the vSphere web client Which action do you take to resolve the issue?

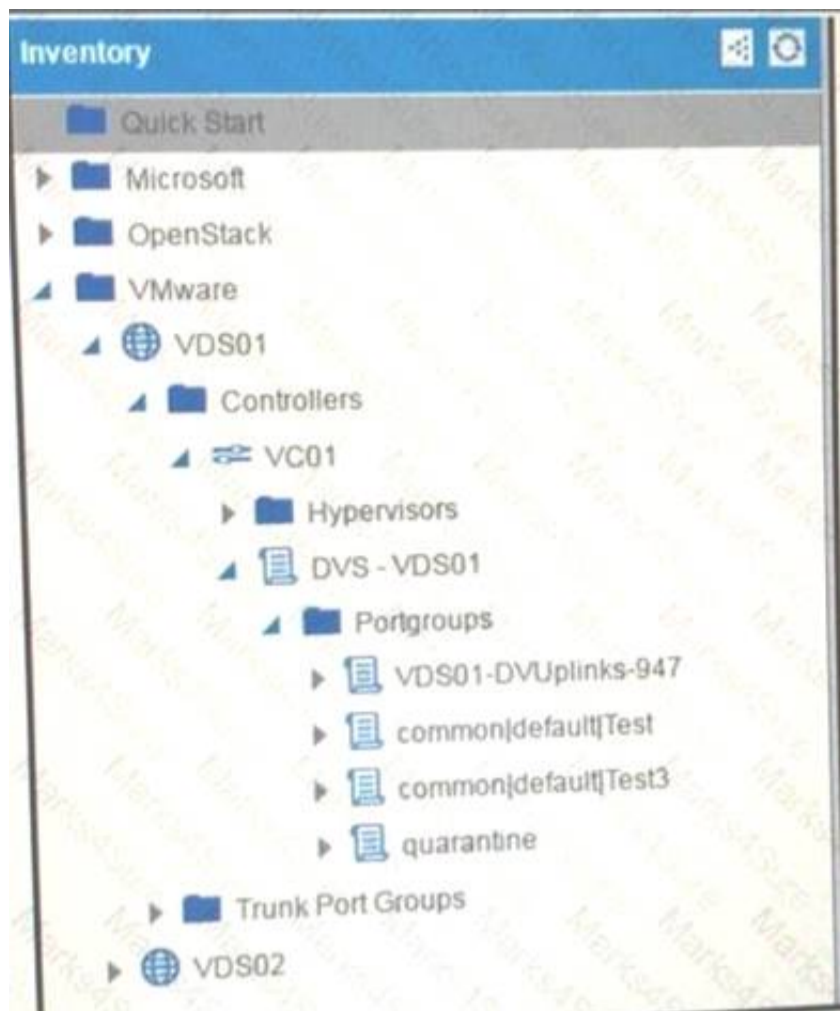A. Associate the SQL_SERVERS EPG to the VDS01 VMM domain
B. Create the SQL_SERVERS port group in the APIC GUI.
C. Place the SQL_SERVERS EPG under quarantine untill it is first used.
D. Create the SQL SERVERS port group on the vSphere web client.

Answer: B

NEW QUESTION 259
Refer to exhibit.

```
aci-sol-calo-ucsb-A(nxos)# show interface vethernet 813
Vethernet813 is down (initializing)
    Bound Interface is port-channel1282
    Port description is server 1/1, VNIC Data-A
    Hardware is Virtual, address is 8c60.4f01.4420
    Port mode is trunk
    Speed is auto-speed
    Duplex mode is auto
  300 seconds input rate 0 bits/sec, 0 packets/sec
  300 seconds output rate 0 bits/sec, 0 packets/sec
  Rx
     0 unicast packets   0 multicast packets   115 broadcast packets
     115 input packets   32934 bytes
     0 input packet drops
  Tx
     0 unicast packets   29 multicast packets   0 broadcast packets
29 output packets   8729 bytes
0 flood packets
      0 output packet drops
```

ACisco UCS admin is troubleshooting an issue with a vNIC not coming up on a blade. When looking at the CLI of the "Fabric Interconnect",the admin runs this command to view the status of the interface. Which option describes a possible reason why the interface is stuck in an "initializing" state?

A. The service profile is not applied to a blade.
B. The VLANs defined on the vNIC are not defined on a matching uplink port.
C. The uplink port is down.
D. The QoS policy on the vNIC is invalid.
E. The MTU on the vNIC is higher than the MTU configured in the QoS system classes.

Answer: C

NEW QUESTION 262
Refer to the exhibit.

```
VSM-Host3(config)# port-profile type ethernet N1K-Uplink-Host3
VSM-Host3(config-port-prof)# channel-group auto mode active
```

You customer reports that the virtual machines operating on Host3 are not communicating with the external network .While troubleshooting you determine these facts:
* Host3 is a UCS blade chassis server connected to two fabric interconnect switches.
* The fabric interconnect switches are connected to the campus Cisco 6800 core switch.
* N1Kv is the virtual switch configured on the VMWARE hypervisor installed on Host3.
* port profile N1k-Uplink-Host3 is connecting Host3 virtual networks to the external network. Which reason is the cause of this problem?

A. port profile is the cause of this problem?
B. port aggregation mode under the N1k-Uplink-Host3 port must be changed to passive.
C. port aggregation mode under the N1k-uplink-Host 3 port profile must be changed to MAC pinning
D. port aggregation mode under the N1k-Uplink-Host3 must be removed.

Answer: C

NEW QUESTION 263
Which statement is true regarding Cisco FabricPath?

A. It is necessary to first install the Cisco FabricPath feature set in the default VDC.
B. Cisco FabricPath is only available on Cisco Nexus 7010 Switches with the Supervisor 2 engine.
C. Cisco FabricPath cannot be disabled explicitly for a specific VDC.
D. If the Cisco FabricPath feature is not installed, the fabricpath keyword will be available in the feature-set command.

Answer: A

NEW QUESTION 267
An administrator wants to combine the advantages of a trunking F port and an F port channel. Which command on a Cisco MDS switch should be used to enable this?

A. enable port-channel
B. feature trunking-fport
C. feature fport-channel-trunk
D. port-channel trunk
E. feature fport-trunk

Answer: C

NEW QUESTION 272
Which command output shows the interface assigned as the designated receiver of each VLAN?

A. show system vlan reserved
B. show vlan internal bd-info bd-to-vlan all-bd
C. show port internal info all
D. show platform software enm internal info vlandb all

Answer: D

NEW QUESTION 277
Refer to the exhibit.

```
RAID Controller 1:
Local Disk 1:
Product Name: 73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive
sled mounted
PID: A03-D073GC2
Serial: D3B0P99001R9
Presence: Equipped
Local Disk 2:
Product Name:
Presence: Equipped
Size (MB): Unknown
Local Disk 5:
Product Name: 73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive
sled mounted
Serial: D3B0P99001R9
HW Rev: 0
Size (MB): 70136
```

Cisco UCS Manager reports that the number of disks assigned to a server exceeds the number of available disk slots. What could cause this issue?

A. The fault detection tests on the disk drive failed
B. Communication between the fabric interconnects failed
C. Communication between Cisco UCS Manager and the server failed
D. The Cisco UCS B-Series Blade Server is connected incorrectly to the fabric interconnects

Answer: A

NEW QUESTION 282
Which two options would cause switch fabrics not to merge? (Choose two.)

A. The switches have different assigned VSANs on the connecting pons.
B. The switches do not have at least one assigned domain ID in common.
C. The election of the static domain is only determined by the WWNs of the two switches,
D. The switches have different assigned VLANs on the connecting ports.
E. The static domain ID does not override the dynamic ID

Answer: AB

NEW QUESTION 285
The Cisco Nexus 2248 FEX has been added recently to the network via a vPC to the Nexus 5000 switches; however, connectivity is not yet operational. What is the problem with the configuration?
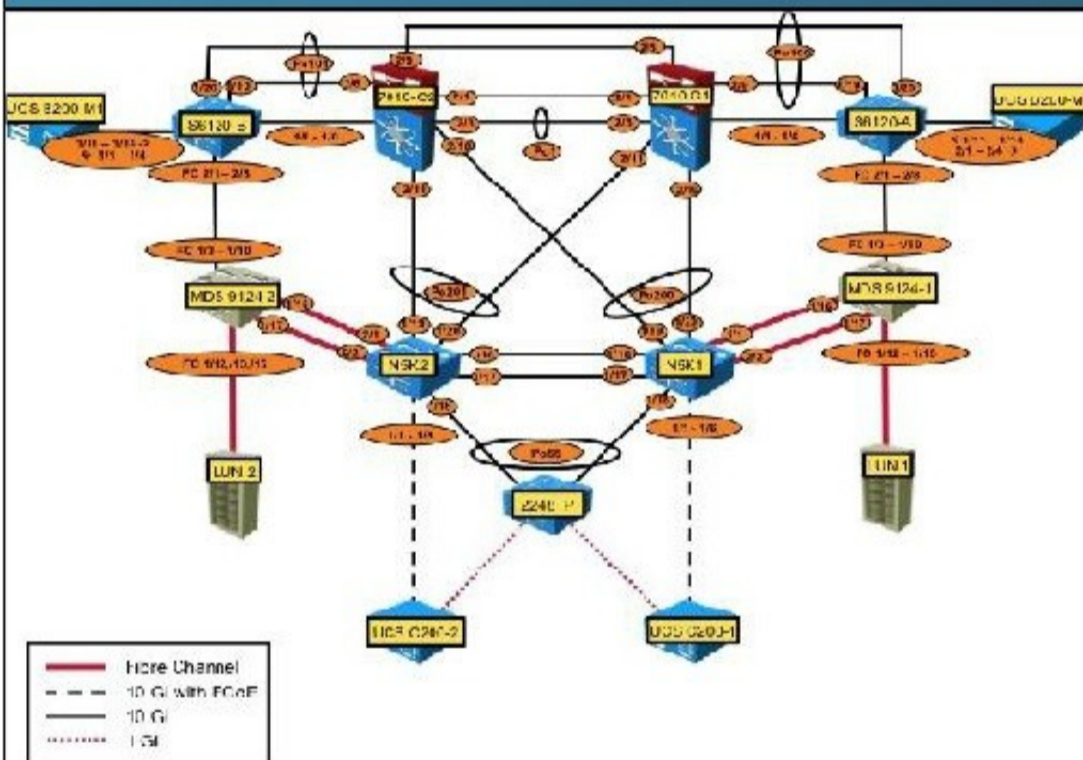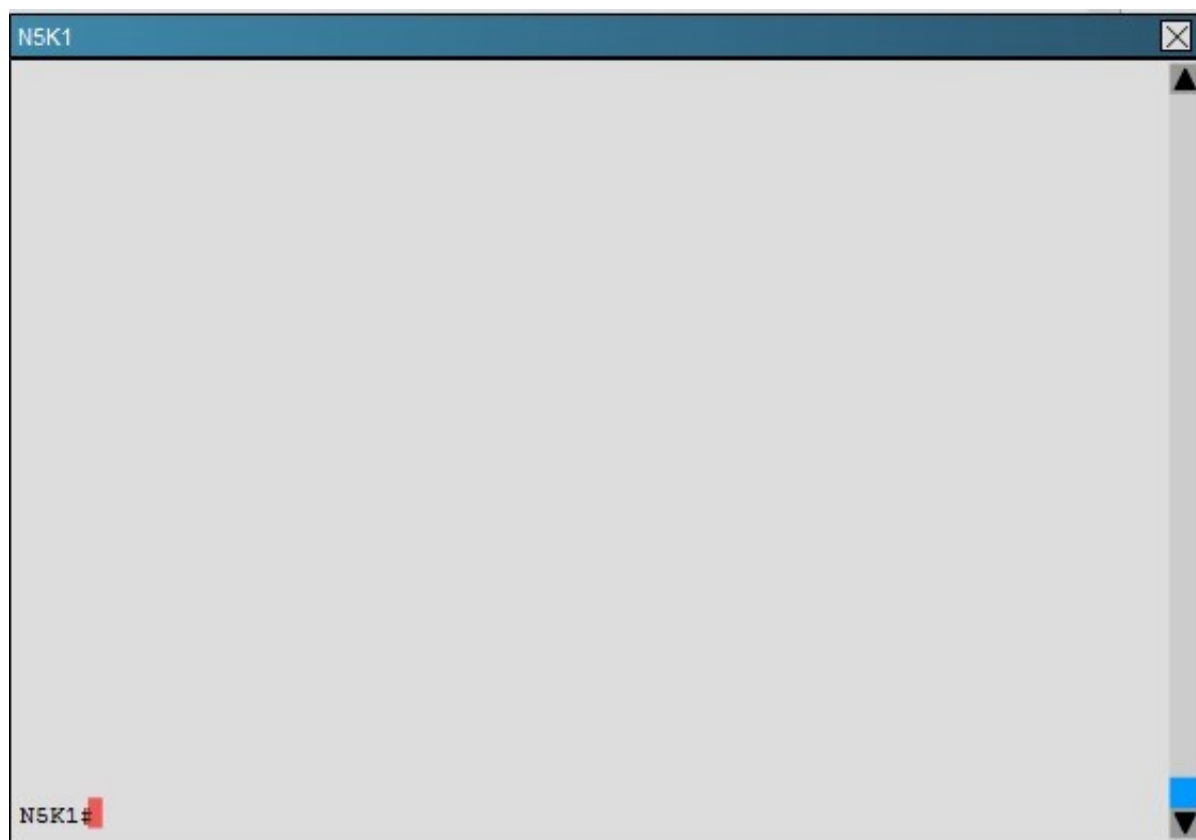
A. Both Nexus 5000 switches must associate to the same FEX number
B. Each Nexus 5000 should have its own FEX to support a straight-through topology.
C. The maximum number of links for pinning purposes should be increased to 2.
D. Ethernet1/18 must be configured without a port channel.

Answer: D

NEW QUESTION 288
Refer to the exhibit.
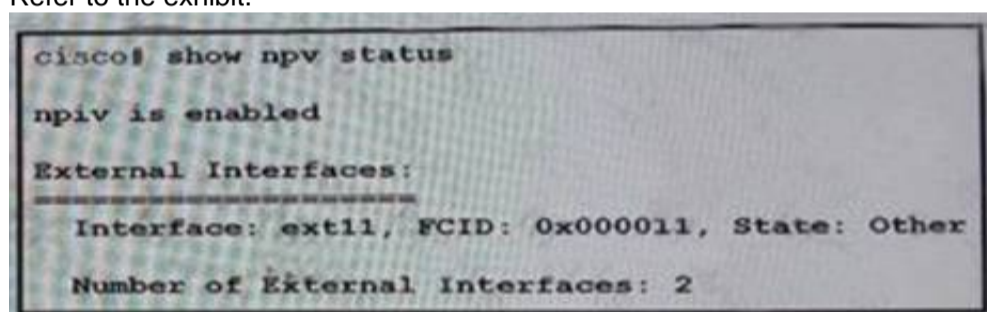
Which action resolves the problem?

A. Disabled NPIV on the switch.
B. Enabled port mode on the link to the NPV switch.
C. Configure the correct FC ID on the switch.
D. Change the VSAN in which the port is located.

Answer: B

NEW QUESTION 292
How can you identify the blade location when tracing server traffic?

A. by performing CDP checks on the Cisco UCS Fabric Interconnects
B. by using a trace utility
C. by collecting traffic that uses a SPAN monitoring port
D. by examining the interface to which the server MAC address is connected

Answer: D

NEW QUESTION 296
Refer to the exhibit.
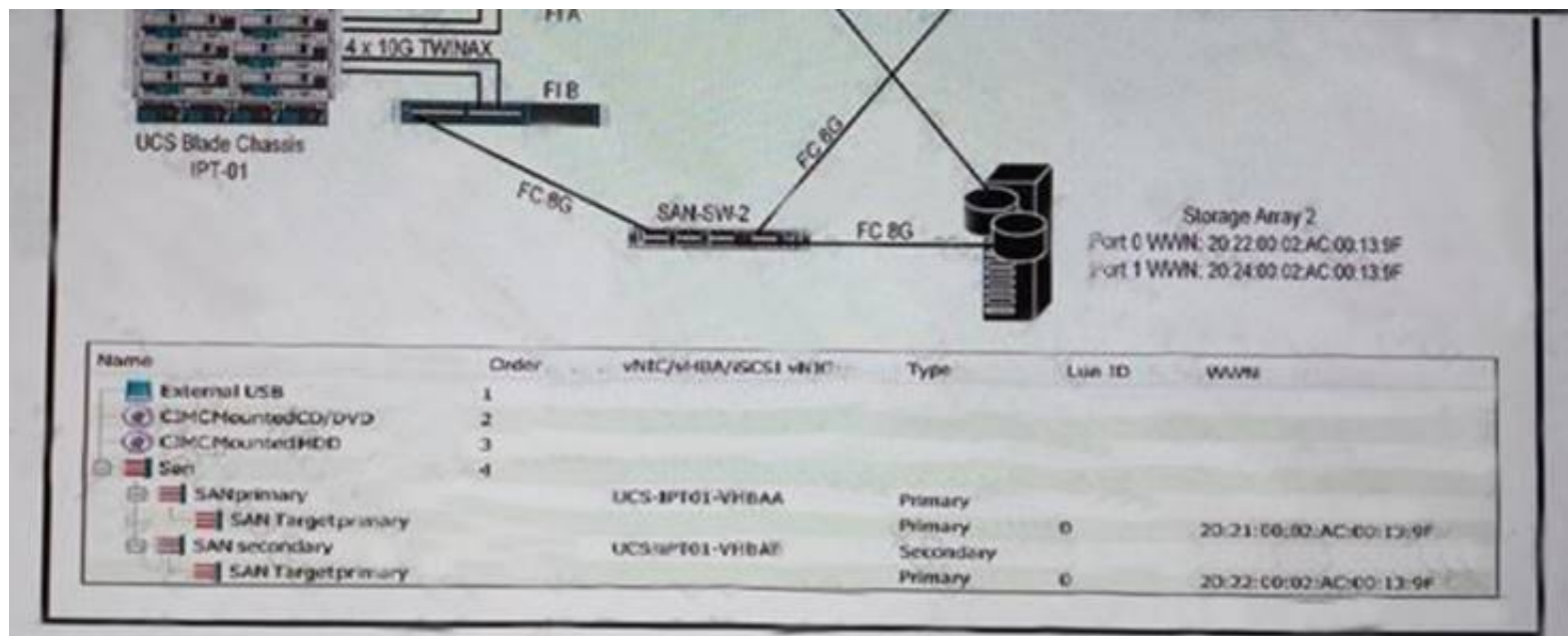
SAN-SW-1has failed and must be replaced. Your client reports that all servers are booting from storage array 2 even through storage array 1 is up and reachable by Cisco UCS infrastructure. Which reason is the root cause of the boot anomaly?

A. SAN target primary under SAN primary must be changed to SAN target secondary under SAN secondary.
B. San target primary under San secondary must be changed to SAN target secondary under SAN secondary.
C. SAN target primary under SAN secondary must be changed to SAN target secondary under SAN primary.
D. SAN target secondary must be added to primary and SAN secondary.

Answer: D

NEW QUESTION 298
You have enabled configuration synchronization between two Cisco Nexus 5548UP Switches. You create a port channel on switch 1 and determine that it was not synchronized with its peer. The peer switch can be pinged on the management VRF. When you check your peer status, you receive a "peer not reachable" message in the command output. What is the explanation for this?

A. CDP is disabled.
B. An LACP mismatch exists on the peer interfaces.
C. UDLD is disabled.
D. CFSoIP is disabled.
E. Multicast routing is enabled.

Answer: D

**NEW QUESTION 303**
Refer to the exhibit.

```
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating interface fc2/1 error:
Received rjt from adjacent switch:[reason:0]
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating interface fc1/2 error:
Member mismatch
%ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding,isolating interface
%ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface
```
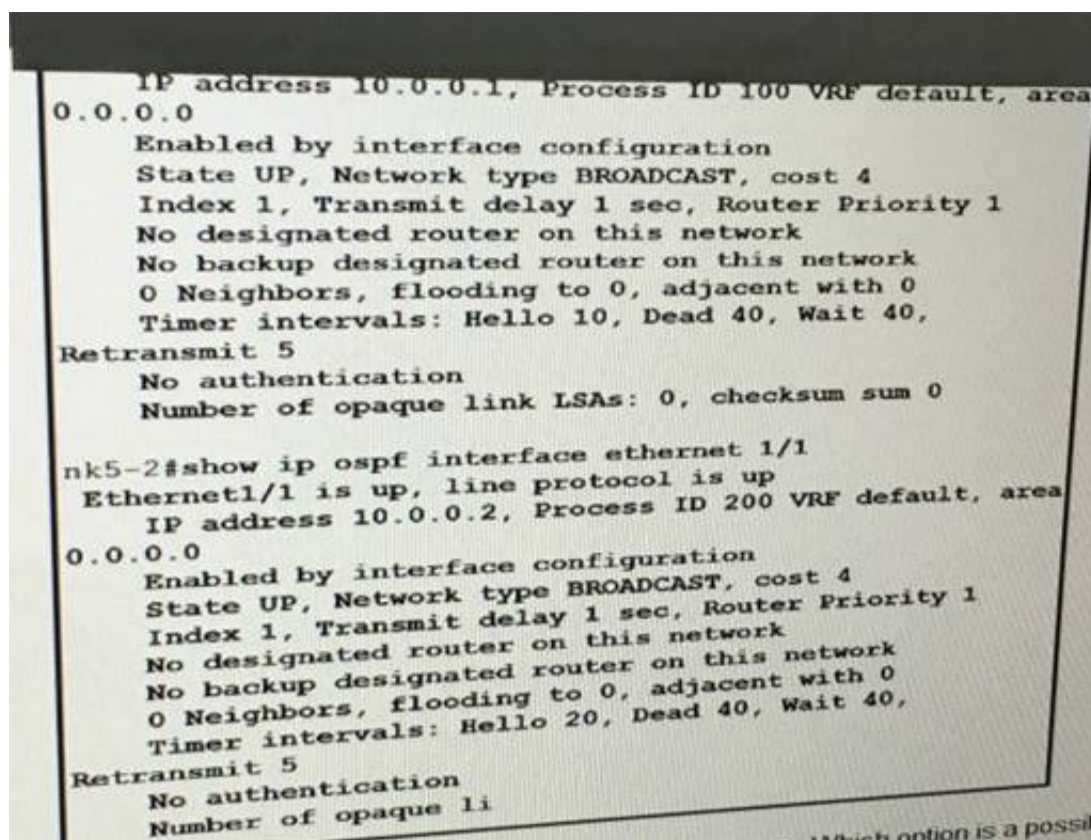
A zone merge failure occurs with the above error log. What is the problem?

A. Two switches have the same zone set name but different zone members.
B. Two switches have different zone names and different members.
C. Two switches have the same zone set name and the same members.
D. Two switches have different zone names.

Answer: A

NEW QUESTION 304
Refer to Exhibit.

```
        IP address 10.0.0.1, Process ID 100 VRF default, area
0.0.0.0
        Enabled by interface configuration
        State UP, Network type BROADCAST, cost 4
        Index 1, Transmit delay 1 sec, Router Priority 1
        No designated router on this network
        No backup designated router on this network
        0 Neighbors, flooding to 0, adjacent with 0
        Timer intervals: Hello 10, Dead 40, Wait 40,
Retransmit 5
        No authentication
        Number of opaque link LSAs: 0, checksum sum 0

nk5-2#show ip ospf interface ethernet 1/1
    Ethernet1/1 is up, line protocol is up
        IP address 10.0.0.2, Process ID 200 VRF default, area
0.0.0.0
        Enabled by interface configuration
        State UP, Network type BROADCAST, cost 4
        Index 1, Transmit delay 1 sec, Router Priority 1
        No designated router on this network
        No backup designated router on this network
        0 Neighbors, flooding to 0, adjacent with 0
        Timer intervals: Hello 20, Dead 40, Wait 40,
Retransmit 5
        No authentication
        Number of opaque li
```

The Cisco Nexus 5000 Series Switches fail to form an OSPF adjacency. Which option is a possible cause of the issue?

A. The interfaces are disabled.
B. The network type is set to broadcast
C. There is mismatched process ID
D. The OSPF hello timer values are mismatched.

Answer: D

NEW QUESTION 306
Refer to the exhibit.

```
~ # vemcmd show card
  Card UUID type 2: 24266920-d498-11e0-0000-000000000000f
  Card name:
  Switch name: Nexus1000v
  Switch alias: DvsPortset-0
  Switch uuid: ee 63 3c 50 04 b1 6d d6-58 61 ff ba 56 05 14 fd
  Card domain: 27
  Card slot: 3
  VEM Tunnel Mode: L2 Mode
  VEM Control (AIPC) MAC: 00:02:3d:10:1b:02
  VEM Packet (inband/outband) MAC: 00:02:3d:20:1b:02
  VEM Control Agent (DPA) MAC: 00:02:3d:40:1b:02
  VEM SPAN MAC: 00:02:3d:30:1b:02
  Primary VSM MAC : 00:50:56:be:74:f1
  Primary VSM PKT MAC : 00:50:56:be:62:b4
  Primary VSM MGMT MAC : 00:50:56:be:0b:d5
  Standby VSM CTRL MAC : 00:50:56:be:6a:3d
  Management IPv4 address: 14.17.168.1
  Management IPv6 address:
  0000:0000:0000:0000:0000:0000:0000:0000
  Primary L3 Control IPv4 address: 0.0.0.0
  Secondary VSM MAC : 00:00:00:00:00:00
  Secondary L3 Control IPv4 address: 0.0.0.0
  Upgrade : Default
  Max physical ports: 32
  Max virtual ports: 216
  Card control VLAN: 854
  Card packet VLAN: 854
  Control type multicast: No
  Card Headless Mode : No
  Processors: 16
  Processor Cores: 8
  Processor Sockets: 2
  Kernel Memory: 25102140
  Port link-up delay: 5s
  Global UUFB: DISABLED
  Heartbeat Set: True
  PC LB Algo: source-mac
  Datapath portset event in progress : no
  Licensed: Yes

switch1 # show mac address-table | grep 1b02
* 168 0002.3d20.1b02 dynamic 20 F F Veth054
* 168 0002.3d40.1b02 dynamic 0 F F Veth054
* 1   0002.3d40.1b02 dynamic 1300 F F Veth054
```

Which statement describes the output of the command?

A. The VSM is connected to the vCenter server.
B. The ports of the host are added to the DVS on VLAN 27.
C. The DPA interface a configured to use the incorrect VLAN.
D. The active VSM is connected to the standby VSM.

Answer: A

NEW QUESTION 308
Refer to the exhibit.

```
switch# show user-account user1
user:user1
        this user account has no expiry date
        roles: tech-admin vsan-admin
no password set. local login not allowed
Remote login through RADIUS is possible

switch# show role tech-admin
Role: tech-admin
  Description: Admin management group
  vlan policy: permit


  -------------------------------------------------------------
  Rule      Type       Command-type       Feature
  -------------------------------------------------------------
    1.     permit      config
    2.      deny       config                        *
    3.     permit       debug             role
    4.     permit       exec              ntp
                                    *
```

A user named user1 is unable to create roles. What must you do to resolve the issue?

A. Assign user1 to the network-admin role.
B. Assign user1 to the tech-admin role only.
C. Set the user password for user1
D. Allow user1 to log in locally

Answer: A

NEW QUESTION 309
A customer is trying to boot an operating system that is installed on the eUSB on a Cisco UCS B-Series blade server; however, the boot fails. What is the cause of this failure?

A. The local disk must be the first device in the boot order.
B. eUSB is not a supported boot device.
C. eUSB support is available only on the Cisco UCS C-Series rack server.
D. eUSB is not the first device in the boot order for the server.

Answer: D

NEW QUESTION 312
Which tool can be used to browse the Cisco APIC Management Information Tree via a web browser?

A. Kafka
B. Spark
C. Maven
D. Visore

Answer: D

NEW QUESTION 314
Which three commands will show all the MAC addresses learned from remote sites in an OTV overlay? (Choose three.)

A. show otv arp-nd-cache
B. show otv route overlay
C. show otv vlan
D. show ip arp
E. show mac address-table
F. show otv site

Answer: ABE

NEW QUESTION 317
Refer to the exhibit.

```
adapter  1/3/1 (fls):2# lunlist
vnic : 15 lifid: 4
  - FLOGI State : flogi est (fc_id 0x8e0002)
  - PLOGI Sessions
     - WWNN 50:0a:09:80:00:01:dc:fb  WWPN 50:0a:09:80:00:01:dc:fb  fc_id 0x8e0020
       - LUN's configured (SCSI Type, Version, Vendor, Serial No.)
         LUN ID : 0x0000000000000000   access failure
       - REPORT LUNs Query Response
         LUN ID : 0x0000000000000000
     - Nameserver Query Response
  - WWPN : 50:0a:09:80:00:01:dc:fb
```

What does this adapter output indicate?

A. The target of the configured zone does not match the target of the configured boot order.
B. The port types between the target and initiator are incorrectly configured.
C. The target device configuration is not allowing the initiator to access the LUN.
D. The configured initiator LUN ID does not match the configured target LUN ID.

Answer: C

NEW QUESTION 318
Which two commands can you issue on a Cisco Nexus 5548UP Switch to determine which interfaces are connected to fabric extenders? (Choose two.)

A. show fex-fabric interface
B. show fex
C. show fex fex-id
D. show fex interface
E. show fex detail

Answer: CE

NEW QUESTION 319
When you look at the HSRP state for devices on a VLAN that is extended by OTV, you see the following states: Active, Standby, and Listen. However, you intended each data center device to show the state as Active and Standby. What is the problem?

A. HSRP is not configured correctly.
B. A VACL is missing.
C. A PACL is missing.
D. This cannot be done.

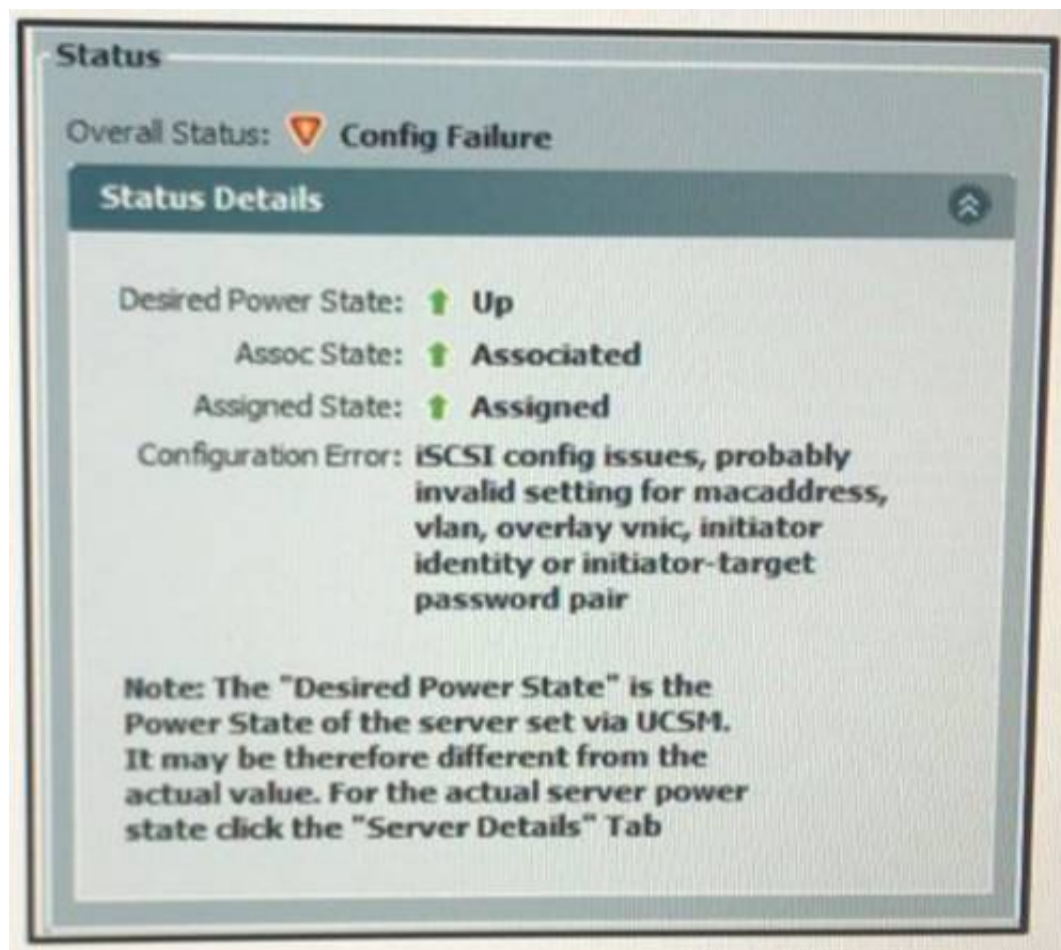**Answer:** A

NEW QUESTION 323
Refer to the exhibit.

You are configuring a Cisco APIC for access. Which task is being performed in the exhibit?

A. configuring APIC management EpG
B. creating the LDAP logjn domain
C. creating the LDAP provider
D. creating the LDAP provider group

Answer: C

NEW QUESTION 328
Refer to the exhibit. You fail to configure a boot from iSCSI service profile. Which action do you take to troubleshoot the issue?

A. Attempt to ping the IP address of the iSCSI target.
B. Check the LUN masking configuration.
C. In the CLI of Cisco UCS Manager, verify that the blade is attached to the LUN.
D. Check the native VLAN configuration on the overlay vNIC.

Answer: D

NEW QUESTION 333
Which occurrence happens during an ISSU in a single supervisor configuration?

A. The control plane is offline for up to 300 seconds
B. NTP sessions stay alive and active.
C. FLOGI/fdisc or logo requests from servers fail until the ISSU is complete.
D. The time-to-live value tor CDP is increased (360 seconds) if it is less than the recommended timeout value.

Answer: C

NEW QUESTION 337
Which command is used to check for potential vPC configuration consistency problems?

A. show vpc brief interface
B. show vpc global config
C. show vpc consistency-parameters global
D. show vpc config

Answer: C

NEW QUESTION 340
You upgrade Cisco UCS Director. When you power on the Cisco UCS director VM, the websock service fails to start. Which action do you take to resolve the issue?

A. Resynchronize the NTP time and time zone information on each node.
B. Import the correct SSL certificates
C. After you power on the VM, press Alt-F 1 to refresh the VMware console.
D. Ensure that the websock service starts automatically after an upgrade.

Answer: B

NEW QUESTION 344
A customer is configuring an upstream disjoint Layer 2 network in a Cisco UCS domain. So far they have configured the following:
Fabric Interconnects are in switching mode.
There is symmetrical configuration for high availability. There are no overlapping VLANs.
Each vNIC is communicating with one disjoint Layer 2 network.
After validating the above, the customer is still having issues with network connectivity. What is the issue?

A. Overlapping VLANs are allowed in a disjoint Layer 2 network.
B. The vNIC configuration is incorrect and must communicate with two or more disjoint layer 2 networks.
C. The fabric interconnect must be in end-host mode for a disjoint Layer 2 network.
D. Asymmetrical configuration for high availability needs to be configured.

Answer: C

NEW QUESTION 345
Refer to the exhibit.

```
DC-SWITCH14# show port-channel summary
Flags:  D - Down          P - Up in port-channel (members)
        I - Individual    H - Hot-standby (LACP only)
        s - Suspended     r - Module-removed
        S - Switched      R - Routed
        U - Up (port-channel)
        M - Not in use. Min-links not met
-------------------------------------------------------------
Group Port-             Type       Protocol    Member Ports
      Channel
-------------------------------------------------------------
1102  Po1102(SU)        Eth        LACP        Eth1/9(P)
1103  Po1103(SU)        Eth        LACP        Eth1/17(P)
1104  Po1104(SU)        Eth        LACP        Eth1/12(P)
1105  Po1105(SU)        Eth        LACP        Eth1/20(P)
1106  Po1106(SD)        Eth        LACP        Eth1/11(I)
1107  Po1107(SU)        Eth        LACP        Eth1/19(P)
```

DC-SWITCH 14 is a Cisco Nexus switch Port channel 1106 connects to a Cisco Nexus switch named DC-SWITCH10. Which cause of the I flag is likely?

A. Port channel 1106 is administratively down.
B. STP is blocking port channel 1106
C. LACP is misconfigured on DC-SWITCH14
D. LACP is misconfigured on DC-SWITCH10.

Answer: C

NEW QUESTION 346
The external routes are unreachable from the fabric in a Cisco ACI environment. What should you do?

A. Configure BGP for IPv6
B. Configure BGP confederation.
C. Apply the BGP policy map to the interface.
D. Enable MP-BGP in the fabric.

Answer: D

NEW QUESTION 349
Fibre Channel traffic on VSAN 12 between N5K2 and MDS9124-2 is degraded. Which statement explains the cause of this degradation?

Instructions ☒
- Enter NX-OS commands on the device to verify network operation and answer the multiple-choice questions.
- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- Click on the Console PC to gain access to the console of the router. No console or enable passwords are required.
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are **three** multiple-choice questions with this task. Be sure to answer all three questions before clicking the **Next** button.

Scenario ☒

The following three troubleshooting questions concern the Cisco Nexus 7000 and Nexus 5000 switches, which are at the core of the data center network. You can utilize all the available **show** commands to answer the questions. Access to the running configuration is not allowed.

Exhibit2

N5K2

N5K2#

N5K1

N5K1#
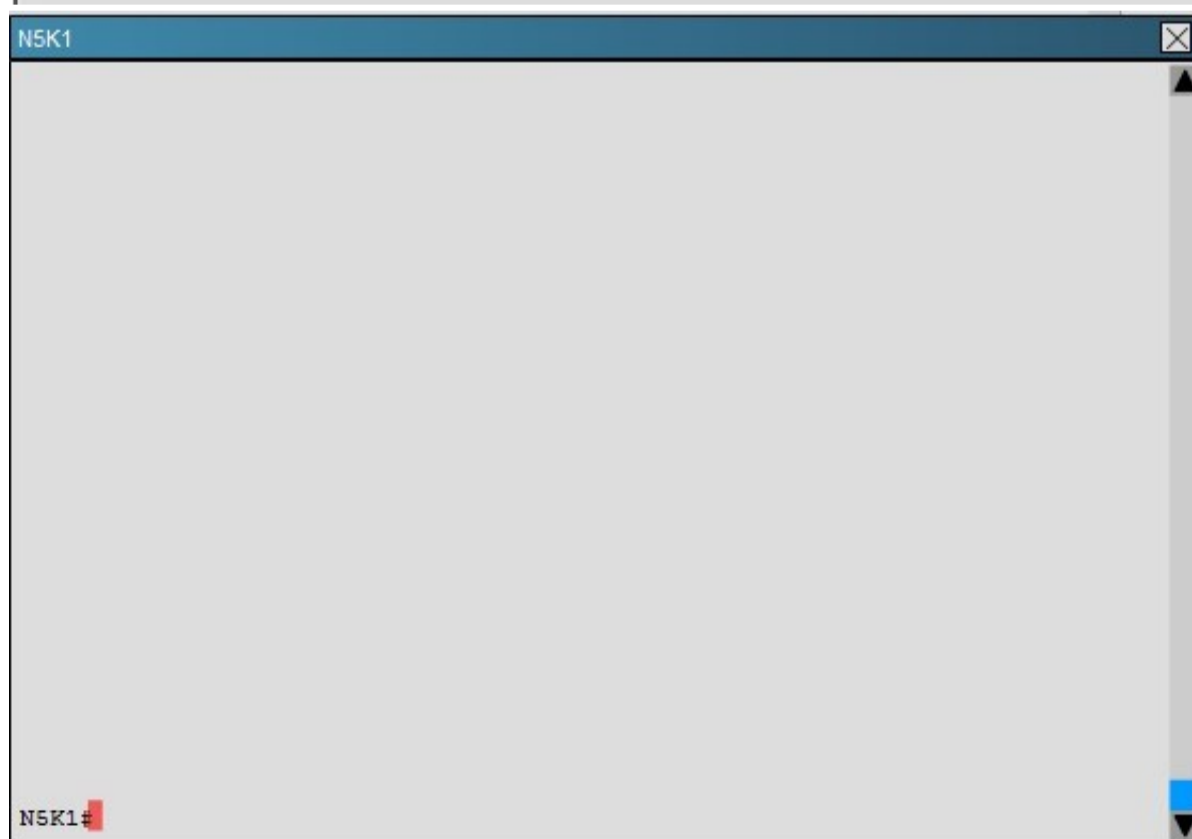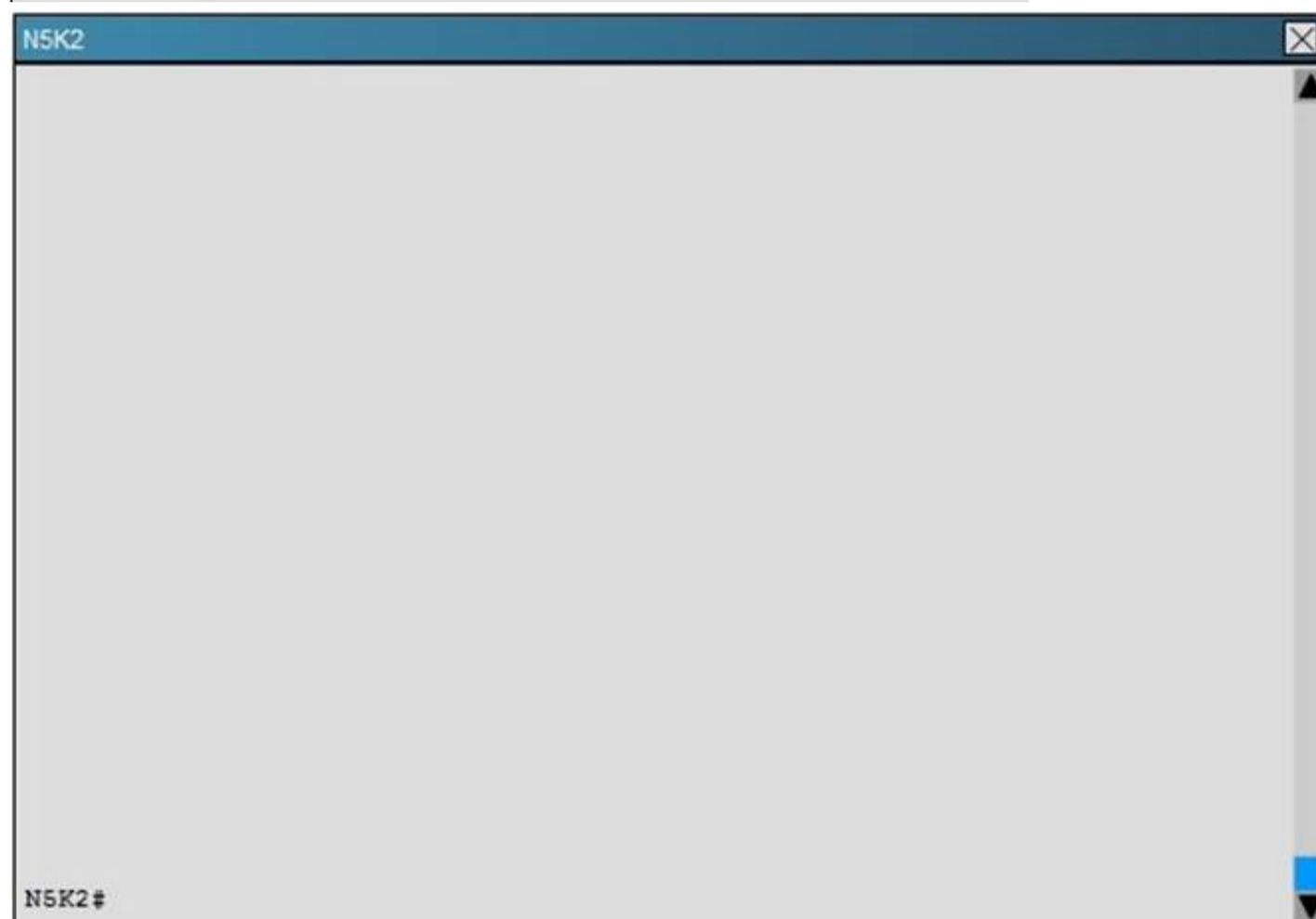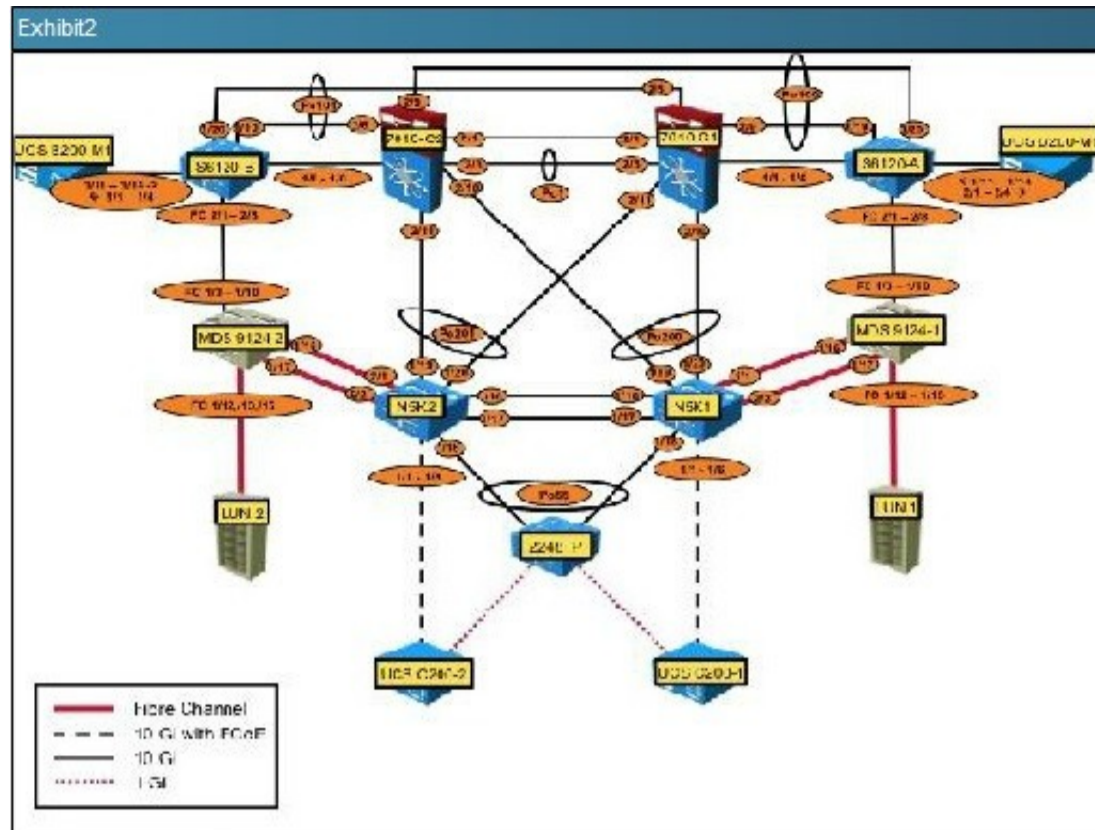
A. Performance is decreased by half due to the incorrect port type being used.
B. The load-balancing scheme for VSAN 12 should be src-id/dst-id.
C. B2B credits on N5K2 should be increased to 128.
D. A VSAN port channel must be configured between N5K2 and MDS9124-2.

Answer: D

NEW QUESTION 353
The installation of a new OTV network connecting two data centers via a service provider LAN has failed verification steps. Which statement explains why certain types of data are not being successfully transferred across the OTV network?

A. The number of extended VLANs across all configured overlays may be greater than 256.
B. The number of MAC addresses on either edge device may exceed 4000.
C. The additional 42-byte OTV overhead, along with the DF bit being set, may cause the service provider to drop packets based on their 1500 MTU settings.
D. Having more than two edge devices per site is not supported.

Answer: C

NEW QUESTION 355
Which configuration command is critical in order for OTV edge devices to maintain an overlay adjacency with their local peers in a multihomed site via the join interfaces across the Layer 3 network domain?

A. otv site-vlan <vlan-id>
B. otv extend-vlan <vlan.range>
C. otv use-adjacency-server <ip address> unicast-only
D. otv site-identifier <id>

Answer: D

NEW QUESTION 359
Refer to the exhibit.
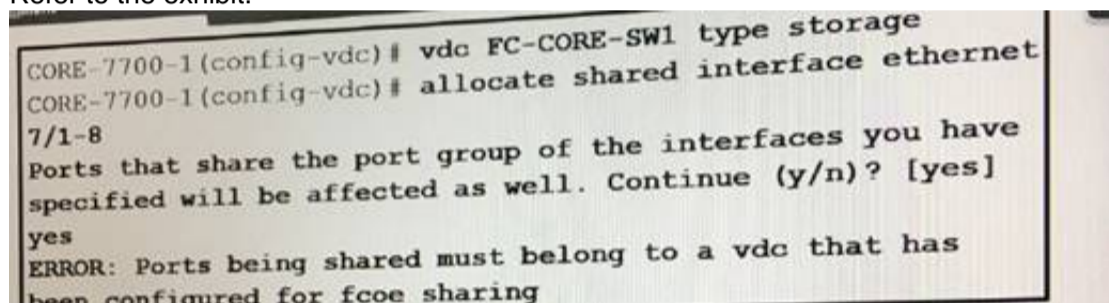
Interfaces Ethernet 7/1-8 are members of the CORE-SW1 VDC, and CORE-7700-1 is the admin VDC. Which cause of the error is likely?

A. The FCoE VLANs associated to Ethernet 7/1-8 must be assigned to the FC-CORE-SW1 VDC in the admin VDCs.
B. Interfaces Ethernet 7/1-8 must be configured for FCoE sharing.
C. All the interfaces in the FC-CORE-SW1 VDC must be configured for FCoE sharing.
D. The Fibre Channel VSANs associated to Ethernet 7/1-8 must be assigned to the FC-CORE-SW1 VDC in the admin VDCs.

Answer: A

NEW QUESTION 361
Which two options are Cisco UCS default user roles? (Choose Two)

A. LAN Administrator
B. FCoE Administrator
C. Server Equipment Administrator
D. Administrator
E. Server Resource Administrator

Answer: CD

NEW QUESTION 363
Which method does Cisco recommend for recovering a fabric interconnect when you have no working images on the bootflash?

A. reboot the primary fabric interconnect.
B. Receive the kickstart image by using TFTP.
C. Download the system image.
D. Initiate auto-install.
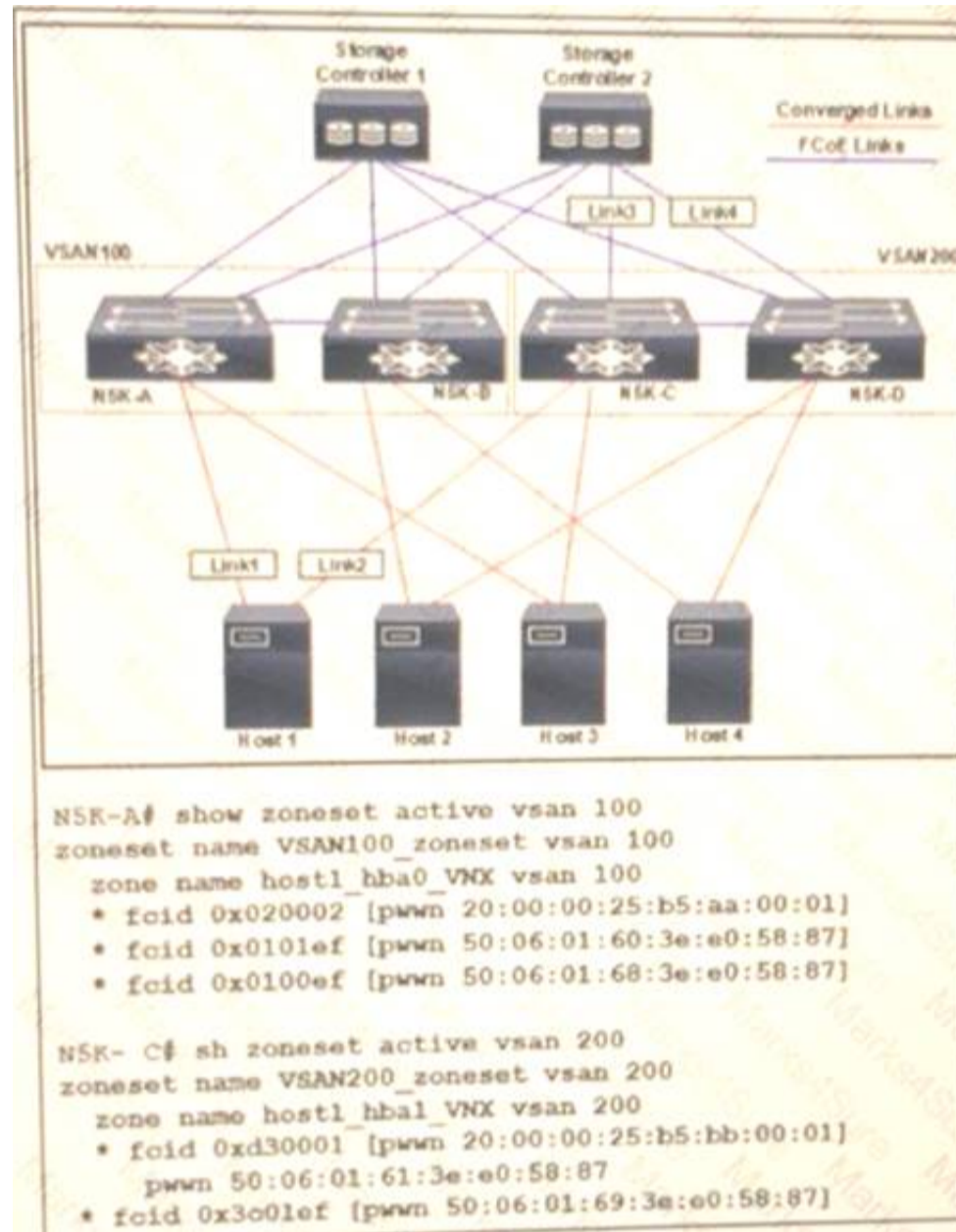
Answer: B

NEW QUESTION 364
Refer to the exhibit.
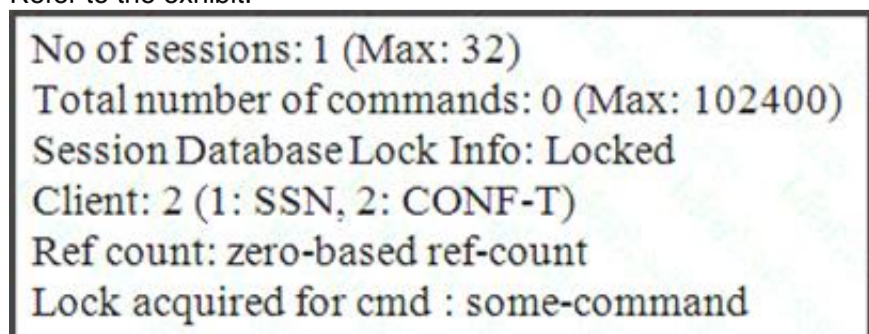
What is the cause of the ISSU failure when using the command show system internal csm global info?

A. The command conf-t is holding a lock and not released it.
B. The SSN feature is not enabled on both switches.
C. The reference count is less than 1 due to a lack of successful config-sync.
D. It cannot be determined from the output.
E. An Administrator is logged in on another session and has a lock of the session data base to prevent ISSU.

Answer: A

NEW QUESTION 369
Refer to the exhibit. Which link is down?


```
NSK-A# show zoneset active vsan 100
zoneset name VSAN100_zoneset vsan 100
   zone name host1_hba0_VNX vsan 100
   * fcid 0x020002 [pwwn 20:00:00:25:b5:aa:00:01]
   * fcid 0x0101ef [pwwn 50:06:01:60:3e:e0:58:87]
   * fcid 0x0100ef [pwwn 50:06:01:68:3e:e0:58:87]

NSK- C# sh zoneset active vsan 200
zoneset name VSAN200_zoneset vsan 200
   zone name host1_hba1_VNX vsan 200
   * fcid 0xd30001 [pwwn 20:00:00:25:b5:bb:00:01]
       pwwn 50:06:01:61:3e:e0:58:87
   * fcid 0x3c01ef [pwwn 50:06:01:69:3e:e0:58:87]
```

A. Link1
B. Link2
C. Link3
D. Link4

Answer: B

NEW QUESTION 372
On a Cisco Nexus 5500 Series Switch, the VFC is stuck in the initializing state. Which QoS statements must be configured for FCoE to operate?

A. system qosservice-policy type qos input fcoe-default-in-policy service-policy type queuing input fcoe-default-in-policy service-policy type queuing output fcoe-default-out-policy service-policy type network-qos fcoe-default-nq-policy
B. system qosservice-policy type qos input fcoe-default-in-policy service-policy type queuing input fcoe-default-in-policy service-policy type qos input default-in-policyservice-policy type network-qos default-nq-policy
C. system qosservice-policy type qos input default-in-policy service-policy type queuing input default-in-policy service-policy type queuing output default-out-policy service-policy type network-qos default-nq-policy
D. system qosservice-policy type qos input default-in-policy service-policy type queuing input default-in-policyservice-policy type queuing output fcoe-default-out-policy service-policy type network-qos fcoe-default-nq-policy

Answer: A

NEW QUESTION 373
Refer to the exhibit.

```
eth2        Link encap:Ethernet HWaddr 00:00:00:01:1b:01
            BROADCAST MULTICAST MTU:9400 Metric:1
            RX packets:0 errors:0 dropped:0 overruns:0 frame:0
            TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
            collisions:0 txqueuelen:1000
            RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

eth3 counters:
eth3        Link encap:Ethernet HWaddr 00:00:00:01:1b:01
            inet6 addr: fe80::200:ff:fe01:1b01/64 Scope:Link
            UP BROADCAST RUNNING MULTICAST MTU:9400 Metric:1
            RX packets:425432 errors:0 dropped:0 overruns:0 frame:0
            TX packets:352432 errors:0 dropped:0 overruns:0 carrier:0
            collisions:0 txqueuelen:1000
            RX bytes:253284953 (241.5 MiB) TX bytes:249647978 (238.0 MiB)

ps-inb counters:
ps-inb      Link encap:Ethernet HWaddr 00:00:00:01:1b:01
            inet6 addr: fe80::200:ff:fe01:1b01/64 Scope:Link
            UP BROADCAST RUNNING MULTICAST MTU:9400 Metric:1
            RX packets:128986 errors:0 dropped:0 overruns:0 frame:0
            TX packets:129761 errors:0 dropped:0 overruns:0 carrier:0
            collisions:0 txqueuelen:1000
            RX bytes:221538103 (211.2 MiB) TX bytes:227158091 (216.6 MiB)
```

Which command was used to produce the output for the inband packet statistics?

A. show hardware internal cpu-mac inband counters
B. show system internal interface counters module
C. show interface counters all

Answer: A

NEW QUESTION 377
Which statement is true regarding FHRP considerations for an OTV network?

A. VRRP is recommended over HSRP or GLBP.
B. Using an AED eliminates the need for FHRP.
C. FHRP should be limited to only the internal OTV interfaces.
D. Filtering FHRP across the OTV network is recommended to avoid a suboptimal path due to the election of a single default gateway.

Answer: D

NEW QUESTION 378
Which option is the port type of an uplink Fibre Channel port on an NPV edge switch?

A. E
B. F
C. TN
D. NP

Answer: D

NEW QUESTION 381
You have a vPC that is in a blocking state. Which issue can cause this problem?

A. You have a MAC address filter applied.
B. You have Bridge Assurance enabled on the vPC.
C. VLANs are missing from the peer link.
D. You have a Type 1 Configuration Element Mismatch.

Answer: B

NEW QUESTION 383
Refer to the exhibit. You discover that eth1/1 stopped forwarding data. Which option describes how to resolve the issue?

```
*Jan 16 11:11:34: %SPANTREE-SW2_SP-2-BRIDGE_ASSURANCE_BLOCK:
Bridge Assurance blocking port ethernet1/1
```

A. Reboot the switch.
B. On the adjacent switch, run the spanning-tree port type network command.
C. On the switch, change the STP type.
D. On the adjacent switch, disable bridge assurance.

Answer: B

NEW QUESTION 387
A leaf is programmed with the correct VLANs and Interfaces, but the servers in web EPG are unreachable from the outside Layer 2 network. You use a unique external L2out EPG as a Layer 2 extension Inside the Cisco ACI fabric. Which action do you take to resolve the communication issue?

A. Configure an MTU of 9000 bytes on the devices in the L2out EPG
B. Configure contracts between the web EPG and the L2out EPG
C. Bind the web EPG to a port/leaf.
D. Enable a spanning tree on the VLANs on the leaf.

Answer: B

NEW QUESTION 391
Which two commands will show all the MAC addresses learned from remote sites in an OTV overlay? (Choose two.)

A. show otv route overlay
B. show otv vlan
C. show ip arp
D. show mac address-table
E. show otv site

Answer: AE

NEW QUESTION 394
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

External Interfaces:
====================
   Interface: fc1/1, VSAN: 1, FCID: 0x110000, State: Failed(Mismatch in VSAN for this
   upstream port)

   Number of External Interfaces: 1
```

When your customers have NPV problems, which two actions should you take? (Choose two.)

A. Verify that the NPV core switch supports NPIV and that it is enabled.
B. Ensure that the VLAN values are configured on both sides of the NPV core switch.
C. Verify the status of the servers and external interfaces, using the show npv server status command.
D. Ensure that the VSAN value that is configured on the device links is correct.
E. For all the device links, ensure that the port mode on the NPV device is in Full_port mode.

Answer: AD

NEW QUESTION 395
You have upgraded your Cisco Nexus 7009 Switches and converted the default VDC to an admin VDC. You notice that all of the ACLs are still present on the admin VDC after the conversion. What should you do?

A. enable configuration synchronization between the admin VDC and the production VDCs
B. delete the ACLs
C. delete all ACLs except those related to CoPP
D. delete all ACLs except those bound to resource templates
E. use the system admin-vdc acl command to properly migrate ACLs
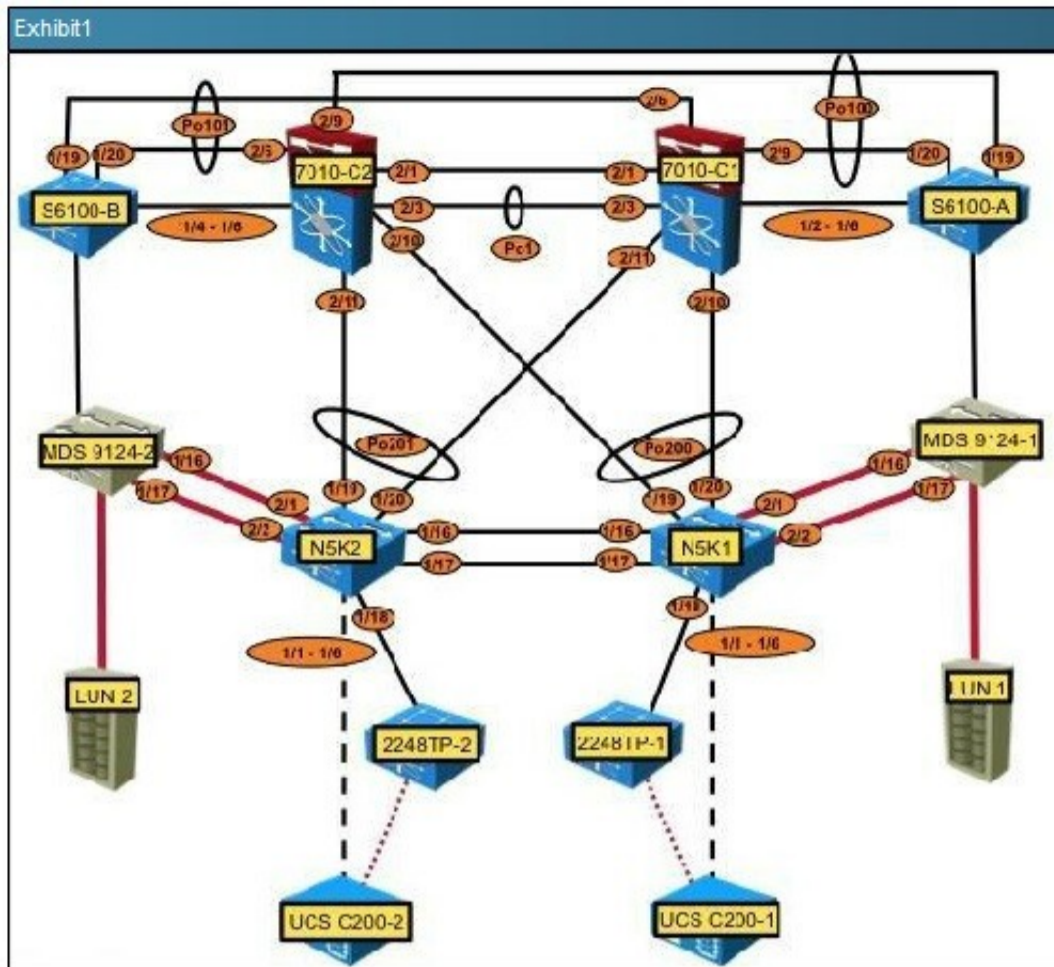
Answer: B

NEW QUESTION 397
Which statement is true regarding the port channel 100 and 101 configurations between the Nexus 7010 switches?

Instructions
• Enter NX-OS commands on the device to verify network operation and answer the multiple-choice questions.
• **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
• Click on the Console PC to gain access to the console of the router. No console or enable passwords are required.
• To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
• There are **four** multiple-choice questions with this task. Be sure to answer all four questions before clicking the **Next** button.

Scenario
The following four questions cover the Cisco Nexus 7010 and Nexus 5000 switches, which are at the core of a data center network. Utilize all the available **show** commands to answer the items. Access to the running configuration is not allowed.
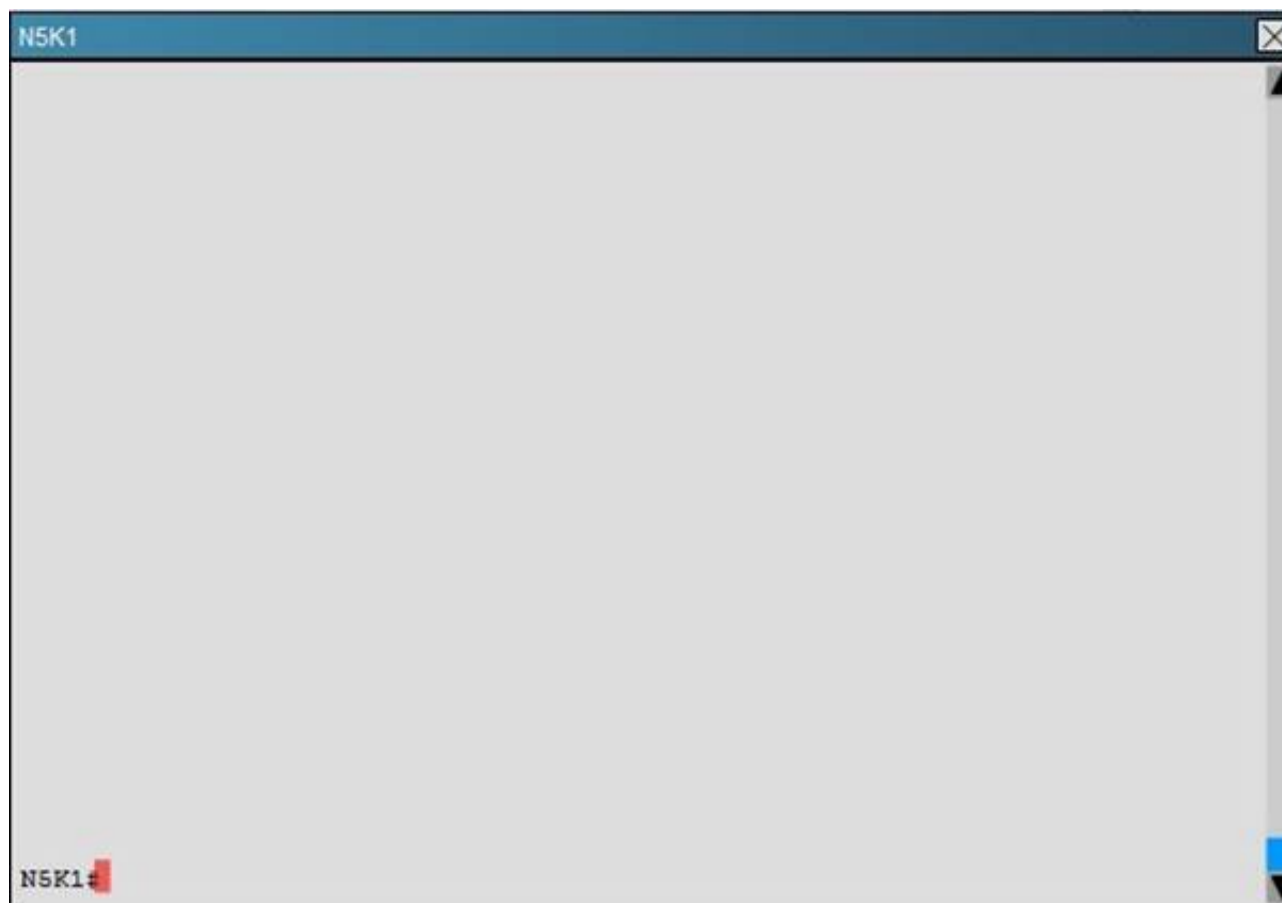
```
7010-C1

7010-C1#
```

```
N5K2

N5K2#
```

```
N5K1                                                    ☒

                                                        ▲




N5K1#                                                   ▼
```

A. The vPC assignments on N7010-C2 are incorrectly swapped
B. N7010-C1 is not allowing any active VLAN traffic to pass on Po100 and Po101.
C. LACP is not configured to initiate negotiations.
D. The vPC peer-keepalive is down between the two Nexus 7000 switches.

Answer: A

Explanation: The vPC assignments on N7010-C2 are incorrectly swapped.
The "show vpc" command will show you that the keepalives are active, and that there are active VLANs. The "show port-channel summary" command shows that LACP is enabled.

NEW QUESTION 399
Which two of the following describe the correct requirements for non-disruptive ISSU on Cisco Nexus 7000 Series Switches? (Choose two.)

A. updated kickstart and system images may be staged in bootflash on single-supervisor switches
B. updated kickstart and system images may be staged in bootflash on dual-supervisor switches
C. updated kickstart and system images may be staged remotely on single-supervisor switches
D. dual supervisors
E. clock synchronization

Answer: AD

NEW QUESTION 401
Refer to the exhibit.

```
N7k-1# show vdc
vdc_id vdc_name    state    mac                type        lc
------ ----------  -------  -----------        ---------   ----------
1      N7K-1       active   00:26:98:0f:d9:c1  Ethernet    m1  f1  m1x1  m2x1
2      Agg1        active   00:26:98:0f:d9:c2  Ethernet    m1  f1  m1x1  m2x1
3      OTV1        active   00:26:98:0f:d9:c3  Ethernet    m1  f1  m1x1  m2x1
4      Access1     active   00:26:98:0f:d9:c4  Ethernet    f2
```

You attempt to delete the N7K-1 VDC, the operation is unsuccessful. Which cause of the issue is true?

A. Custom resource allocations are assigned in the VDC.
B. N7K-1 is the default VDC.
C. You are logged in as vdc-admin.
D. Interfaces are assigned to N7K-1.

Answer: D

NEW QUESTION 402
You receive a priority 1 trouble ticket that there is OSPF route instability in the data center core Cisco Nexus 7018 Switches. Which command is useful to help validate a theory that hello packets are being throttled?

A. N7018# show class-map interface control-plane
B. N7018# show policy-map interface control-plane
C. N7018# show service-policy interface control-plane
D. N7018# show copp status

E. N7018# show copp statistics
F. N7018# show control-plane class copp-system-class-critical

Answer: B

NEW QUESTION 406
You configure two external Layer 3 networks on the same node by using BGP. The network fails to establish BGP adjacencies. Which action do you take to resolve the issue?

A. Explicitly define the loopback addresses on the node
B. Use OSPF to create a peer that uses external networks
C. Configure the router ID to use the interface IP address used to establish the BGP connection
D. Configure the router ID to use the loopback interface

Answer: A

Explanation: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/basic-config/b_ACI_Config_Guide/b

NEW QUESTION 408
You have three VDCs named VDCI, VDC2 and VDC3 connected to the same environment, Due to a network device malfunction, there is an ARP storm in VDC1 Users in VDC2 discover that
ARP is not resolving in VDC1. What is causing the issue?

A. The committed information rate is exceeded.
B. VDC1 is responsible for processing ARP for all of the VDCs,
C. The CoPP settings for VDC1 are Incorrect.
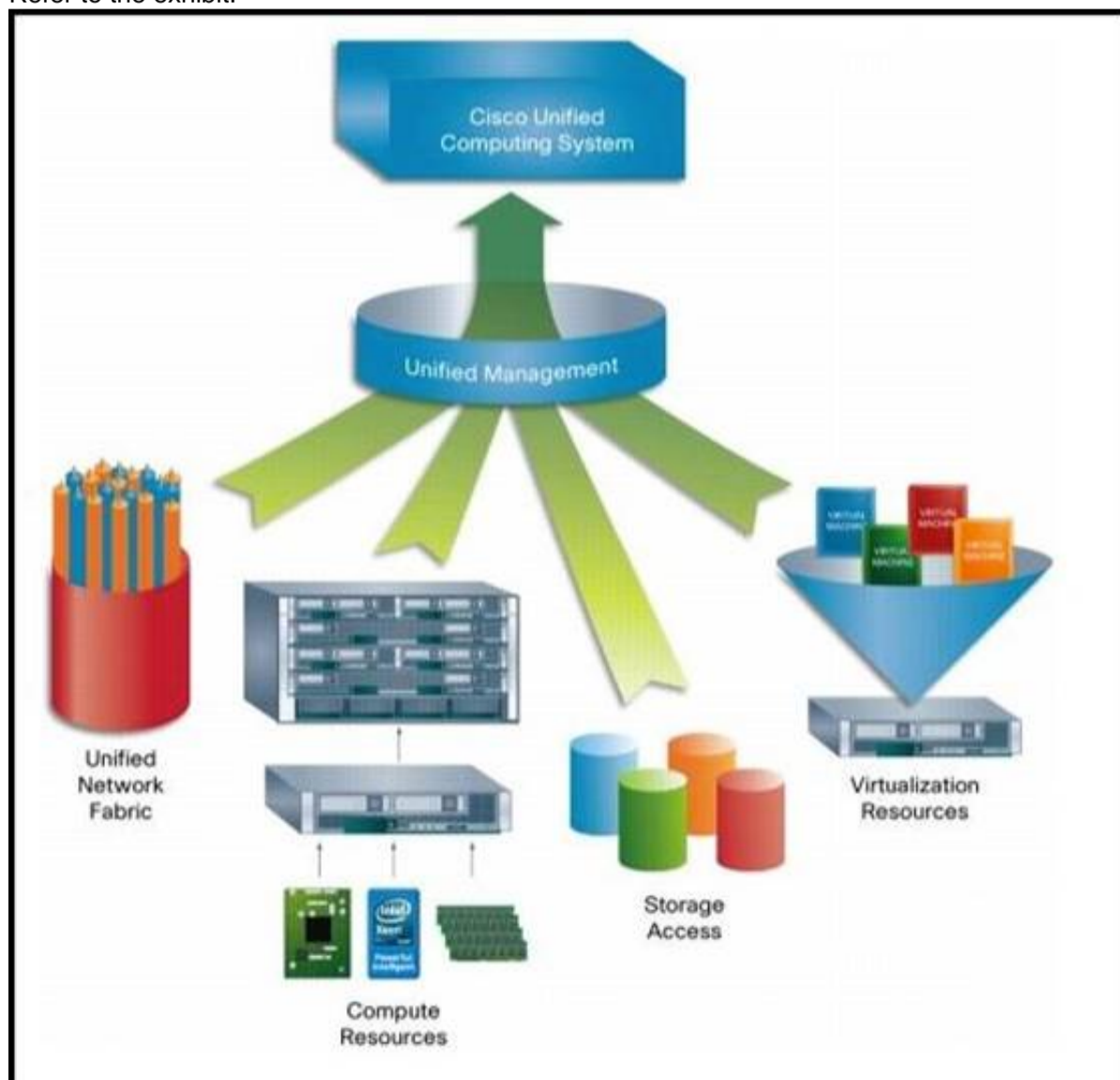D. The CoPP settings for VDC2 are incorrect,

Answer: A

NEW QUESTION 413
Which tools can assist in the troubleshooting of FC-0 issues? (Choose three.)

A. FC analyzer
B. SPAN
C. Device Manager
D. show interface fc1/1 optical-power-budget
E. PAA
F. a portable protocol analyzer

Answer: ACF

NEW QUESTION 417
Refer to the exhibit.

Which of these is an extension of the virtual machine abstraction that is applied to physical servers?

A. service profile
B. compute profile
C. organization profile
D. locale profile
E. role profile

Answer: A

NEW QUESTION 418
Refer to the exhibit.
Boot from SAN fails. The host fails to detect the LUNs. You must resolve the issue. Drag and drop the WWPNs on the left to the correct zones on the right.

50:06:01:69:3E:E0:58:87	host1_hba0_SP1 vsan 100
20:00:00:25:b5:aa:00:01	host1_hba1_SP1 vsan 200
50:06:01:64:3E:E0:58:87	host1_hba0_SP2 vsan 100
20:00:00:25:b5:bb:00:01	host1_hba1_SP2 vsan 200

Answer:

Explanation: 1- D, 2-C, 3-A, 4-B

NEW QUESTION 423
A customer is trying to boot an operating system installed on a Cisco UCS B-Series blade server after a RAID1 cluster migration. The RAID LUN remains in inactive state during and after the service profile association and the server does not boot. What is the cause of this problem?

A. RAID1 is not supported in cluster migration mode on a Cisco UCS B-Series blade server.
B. The local disk configuration policy in the service profile on the server is configured with Any Configuration mode rather than RAID1.
C. The server needs to be booted via SAN in cluster migration to support RAID1.
D. The Cisco UCS B-Series blade server has older firmware that needs to be updated first.

Answer: B

NEW QUESTION 426
Which two statements are true regarding vPC? (Choose two,)

A. A peer link is required,
B. STP is disabled.
C. There is VLLN-based load balancing
D. with vPC, there are no blocked ports

Answer: AD

NEW QUESTION 428
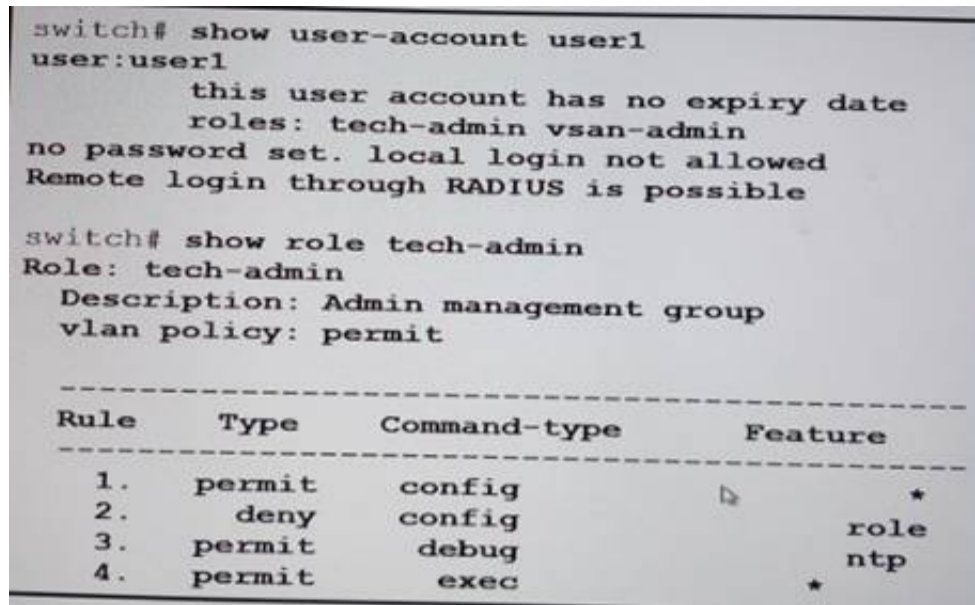Which action do you take to determine why the interface el/10 is not present in the core VDC for configuration?

A. Check the admin VDC to see the port e1/10 is allocated.
B. Check the core VDC to see if the port e1 /10 is allocated.
C. Check to see if the cable is connected to the e1/10 interface,
D. Check to see if vPC is enabled

Answer: A

NEW QUESTION 430
Refer to the exhibit.

```
switch# show user-account user1
user:user1
        this user account has no expiry date
        roles: tech-admin vsan-admin
no password set. local login not allowed
Remote login through RADIUS is possible

switch# show role tech-admin
Role: tech-admin
  Description: Admin management group
  vlan policy: permit

----------------------------------------------------
Rule      Type       Command-type      Feature
----------------------------------------------------
  1.    permit      config
  2.     deny       config
  3.    permit      debug                  role
  4.    permit       exec                  ntp
```

A user named user 1 cannot create roles. Which action do you take to resolve the issue?

A. Allow user 1 to log in locally.
B. Assign user1 to the network-admin role.
C. Assign user1 to the tech-admin role only.
D. Set the user password for user1.

Answer: D

NEW QUESTION 433
You have a Cisco APIC that has a VIC 1225 adapter installed, Fabric discovery fails. You verify that the cabling is correct, but the LLDP fails, Which option is a possible cause of the failed fabric discovery?

A. Incorrect V|C adapter firmware version
B. Incorrect Cisco Nexus firmware version
C. an SFP transceiver issue
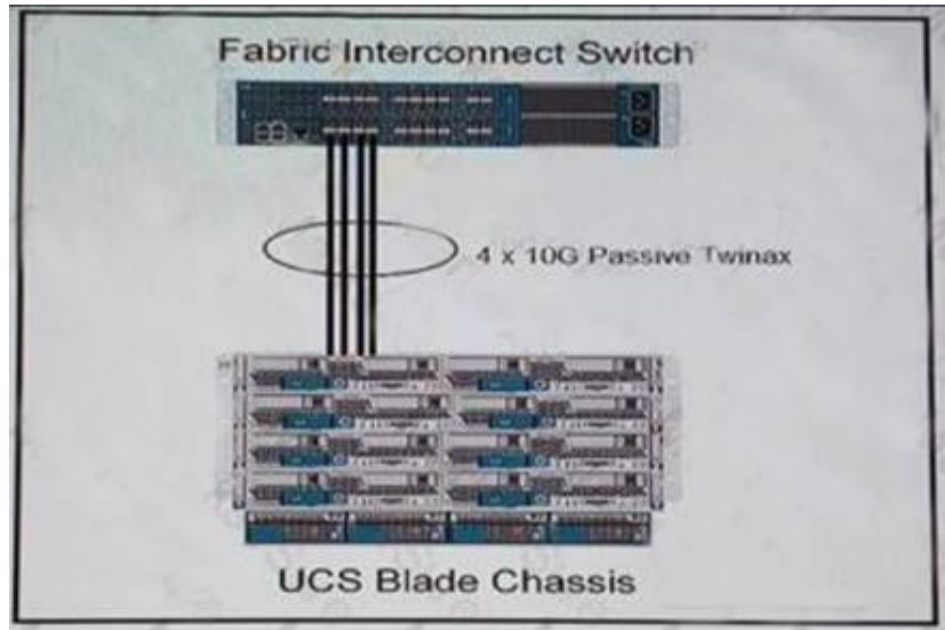D. less than three APICs

Answer: A

NEW QUESTION 438
What happens to Copp after you perform an ISSSU?

A. The default Copp policy is applied.
B. packets that need special handling by the supervisor module cannot be matched.
C. The statistical counters are reset.
D. All traffic is put into the default class of the Copp policy

Answer: C

NEW QUESTION 443
Refer to the exhibit.

Your customer is migrating their existing top-of-rack data center to a new location that uses an end-of-rack configuration. The customer requests a site survey prior to the migration.
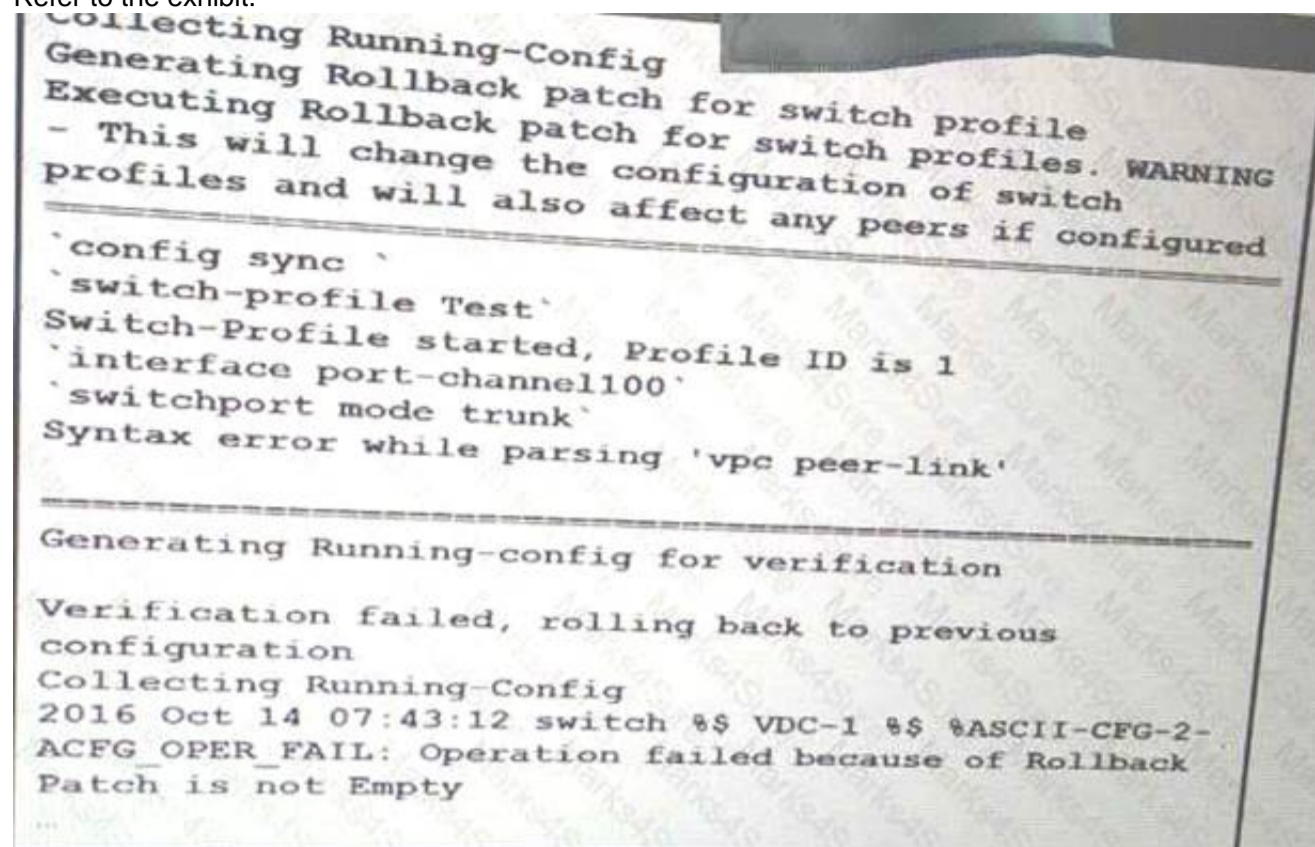Which fact must you highlight in your survey that is required for a successful translation?

A. power source must be 240 volts only for blade chassis.
B. power source must be 240 volts only for fabric interconnect switches.
C. blade chassis using passive TWNAX cables must be placed within 5 meters of the end rack.
D. Blade chassis must not be fully equipped with blades when using and end-of-racksetup.

Answer: C

NEW QUESTION 445
Refer to the exhibit.


```
Collecting Running-Config
Generating Rollback patch for switch profile
Executing Rollback patch for switch profiles. WARNING
- This will change the configuration of switch
profiles and will also affect any peers if configured
=====================================================
`config sync `
`switch-profile Test`
Switch-Profile started, Profile ID is 1
`interface port-channel100`
`switchport mode trunk`
Syntax error while parsing 'vpc peer-link'

=====================================================
Generating Running-config for verification

Verification failed, rolling back to previous
configuration
Collecting Running-Config
2016 Oct 14 07:43:12 switch %$ VDC-1 %$ %ASCII-CFG-2-
ACFG_OPER_FAIL: Operation failed because of Rollback
Patch is not Empty
...
```

Why did the configuration synchronization rollback fail?

A. The switch profile is incorrect.
B. The checkpoint test does not exist.
C. The rollback patch is not empty.
D. The yPC is not configured

Answer: C

NEW QUESTION 448
......

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