

## 300-180 Dumps

### DCIT Troubleshooting Cisco Data Center Infrastructure (DCIT)

<https://www.certleader.com/300-180-dumps.html>



**NEW QUESTION 1**

Which statement about the Nexus atomic rollback feature is true?

- A. it restores the default manufacturing configuration.
- B. Each error must be acknowledged prior to implementation.
- C. it is implemented only if error occur.
- D. it is implemented and any errors are skipped.

**Answer:** C

**NEW QUESTION 2**

In a Cisco Data center network, what troubleshooting step would you do first when having a npv issue?

- A. Check to see if npv is enabled
- B. Check name server database to see if it recognizes device
- C. Check detail config of FCNS database
- D. Check the show-tech-support detail

**Answer:** A

**NEW QUESTION 3**

A customer has a Cisco UCS Center cluster. The customer configures LDAP as the AAA protocol and enables SSL for LDAP. The LDAP authentication fails. Which issue is the cause of the failure?

- A. The LDAP client passed an incorrect from the trustpoint.
- B. The CA certificate is missing from the trustpoints.
- C. The LDAP server limit that is set by an administrative authority was exceeded.
- D. The LDAP time limit that is specified by either the client or the server was exceeded.

**Answer:** D

**NEW QUESTION 4**

Which two maintenance policy options can you use to specify when the Cisco UCS Manager deploys a service profile change? (Choose two)

- A. on the next reboot
- B. when acknowledged by any user
- C. immediately
- D. when acknowledged by a user with root privileges
- E. when acknowledged by a user with administrator privileges

**Answer:** CE

**NEW QUESTION 5**

Your customer has a dual Cisco Nexus 7010 Switches in its data center. Customer's representatives want to know how to determine if Cisco IOS ISSU is possible on the switches as they are upgrading to version 6.0.4. Which command is useful to determine if the upgrade will be non-disruptive?

- A. N7010-C1# show system redundancy ha status
- B. N7010-C1# show incompatibility system
- C. N7010-C1# install all
- D. N7010-C1# show issu test bootflash:n7000-s1-system.6.0.4.bin

**Answer:** C

**NEW QUESTION 6**

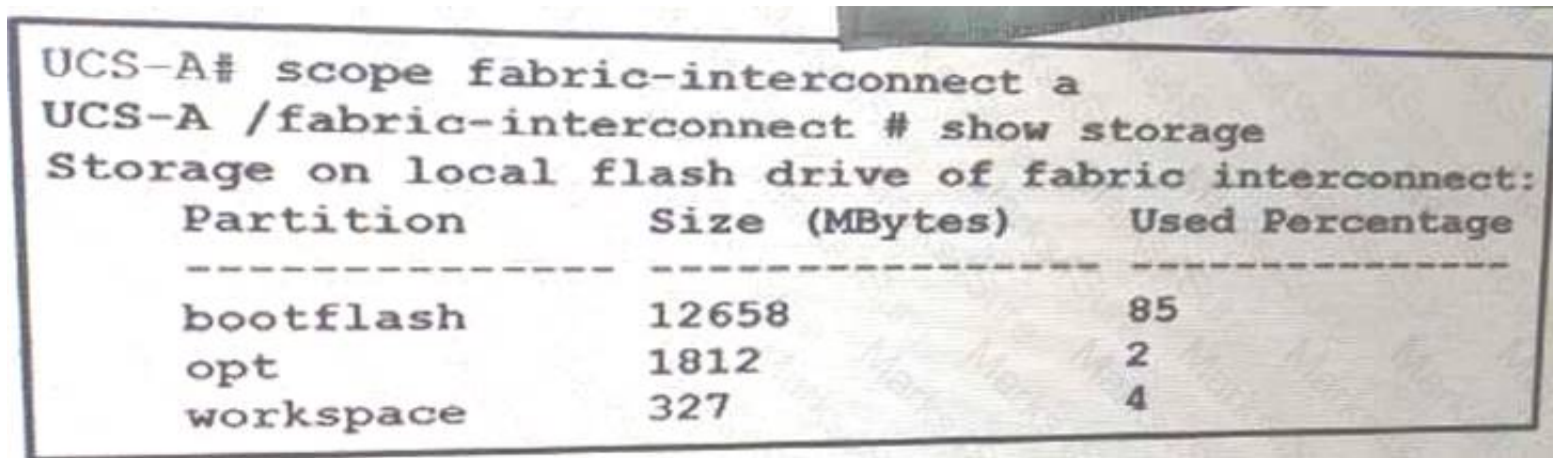
Which command would you use to find the AED of an extended VLAN in a dual-homed site of an OTV network?

- A. show otv aed on the AED
- B. show otv site on any edge devices in the site
- C. show otv vlan on the AED
- D. show otv aed on any edge devices in the site
- E. show otv vlan on any edge devices in the site

**Answer:** C

**NEW QUESTION 7**

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 could 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 8

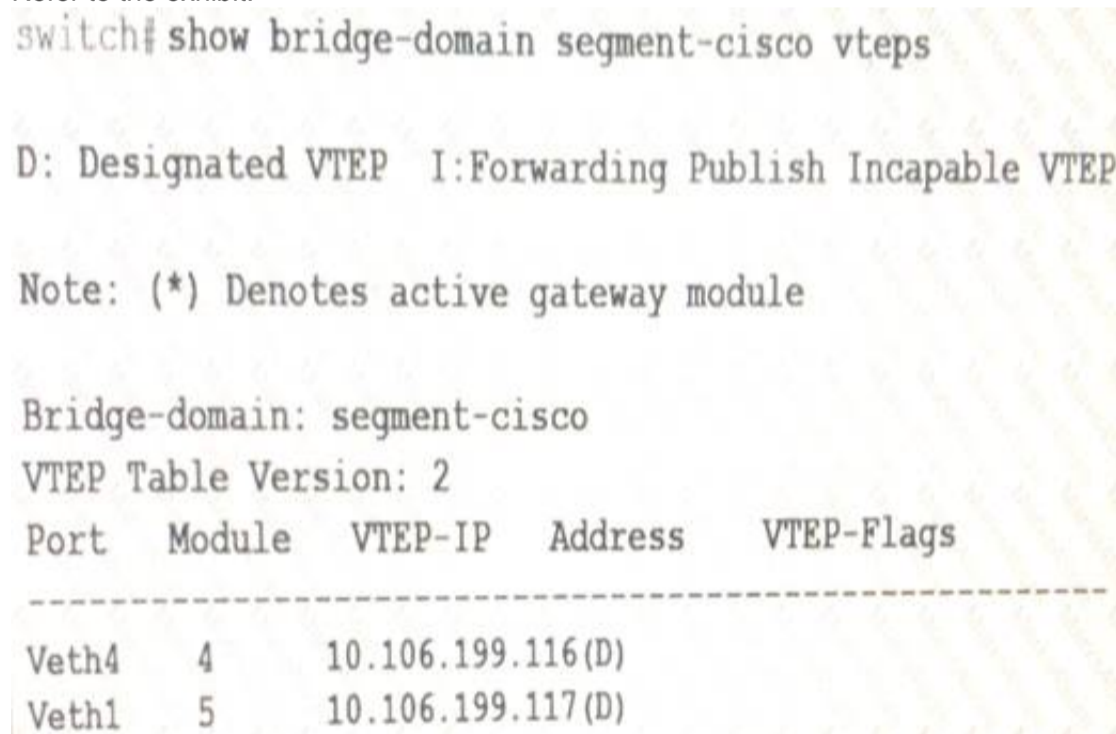
You install a new DIMM in a Cisco UCS C-Series standalone rack server and that DIMM is not recognized by the server. What actions do you take to troubleshoot the problem? (Choose two)

- 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 9

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 10

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 10

What is the default MTU size of a VMware host?

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

**Answer:** B

#### NEW QUESTION 12

A customer has two data centers, containing two Cisco Nexus 7000 switches. For redundancy, HSRP and vPC have been implemented. The customer implemented OTV to extend VLAN 325 between data centers and there is one default gateway over the four Cisco Nexus 7000 switches.

- A. 001e.0C9F.F145
- B. 0000.0C9f.F145
- C. 001e.0C07.A145
- D. 0000.0C07.A145

**Answer:** D

#### NEW QUESTION 14

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

- A. Two or more switches do not have at least one assigned domain ID in common.
- B. Two switches have different assigned VSANs on the connecting ports.
- C. Two 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.
- F. The physical connectivity between the two switches is not active.

**Answer:** ABF

#### NEW QUESTION 16

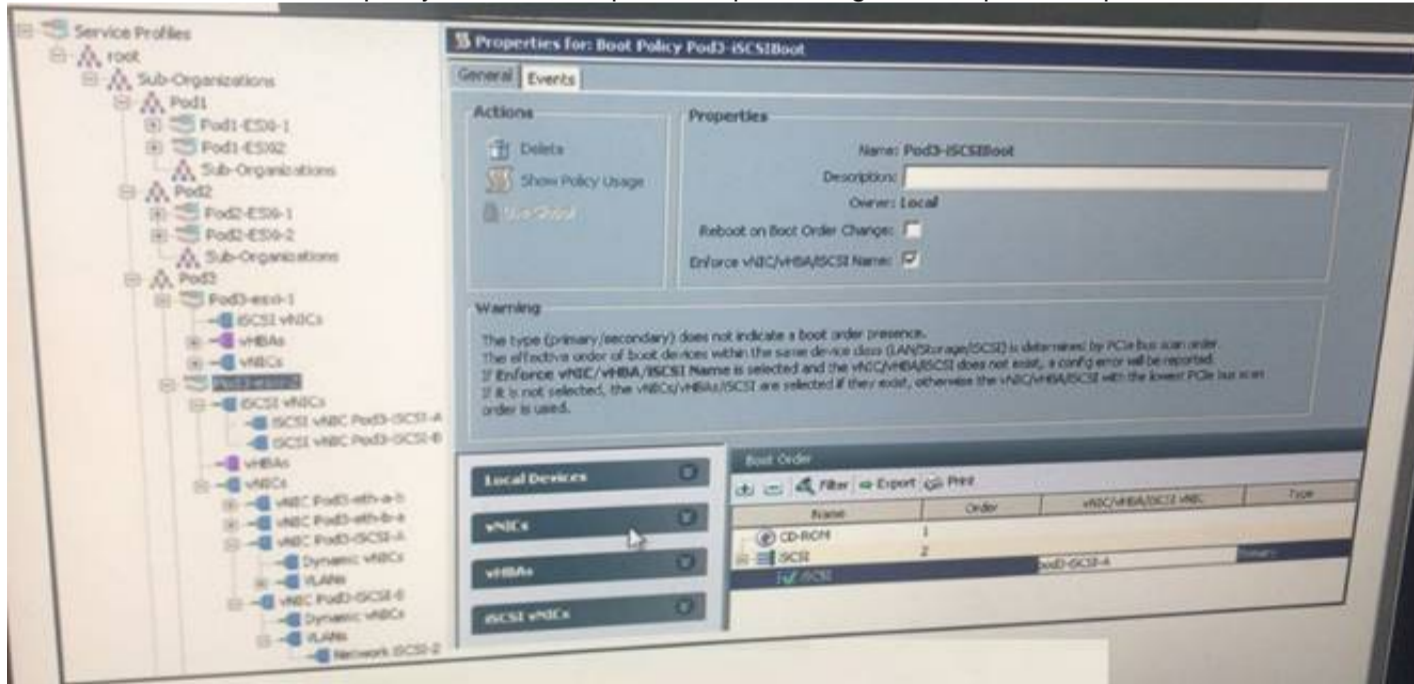
Which command displays the traffic statistics for a port channel interface?

- 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 19

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 20

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?

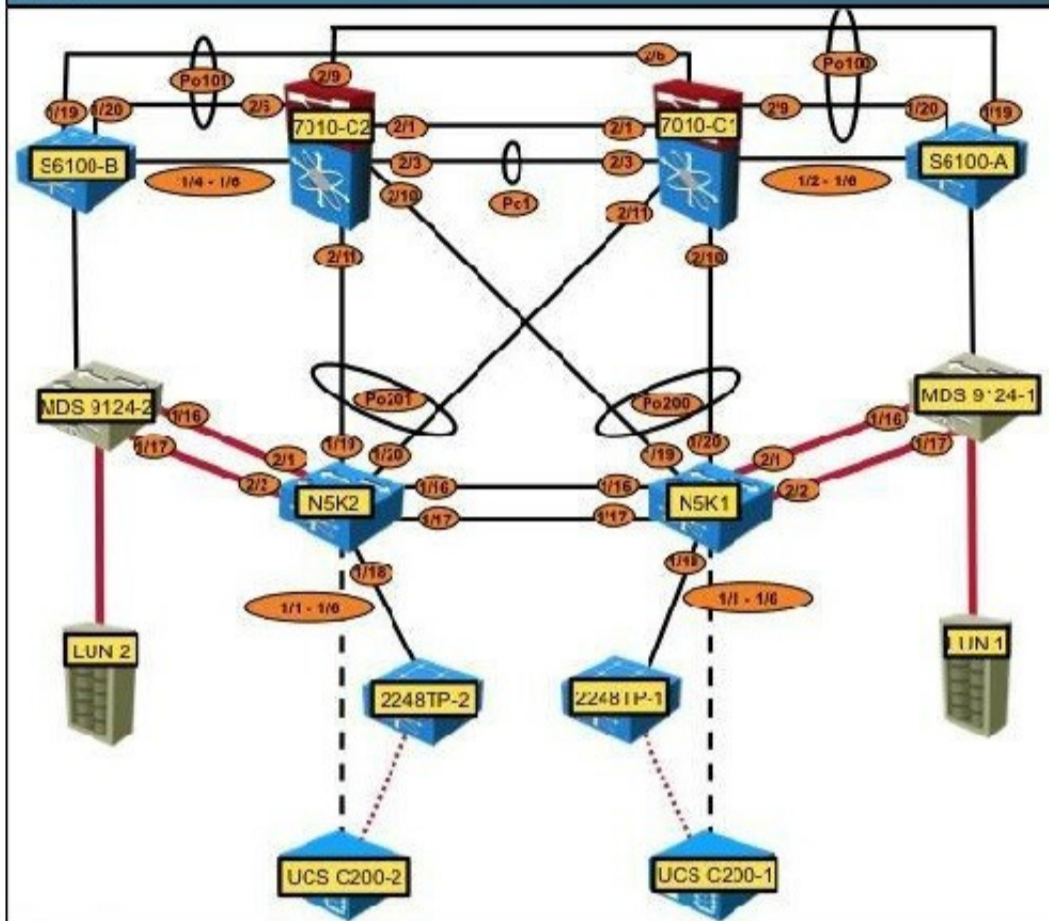
### Instructions

- 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

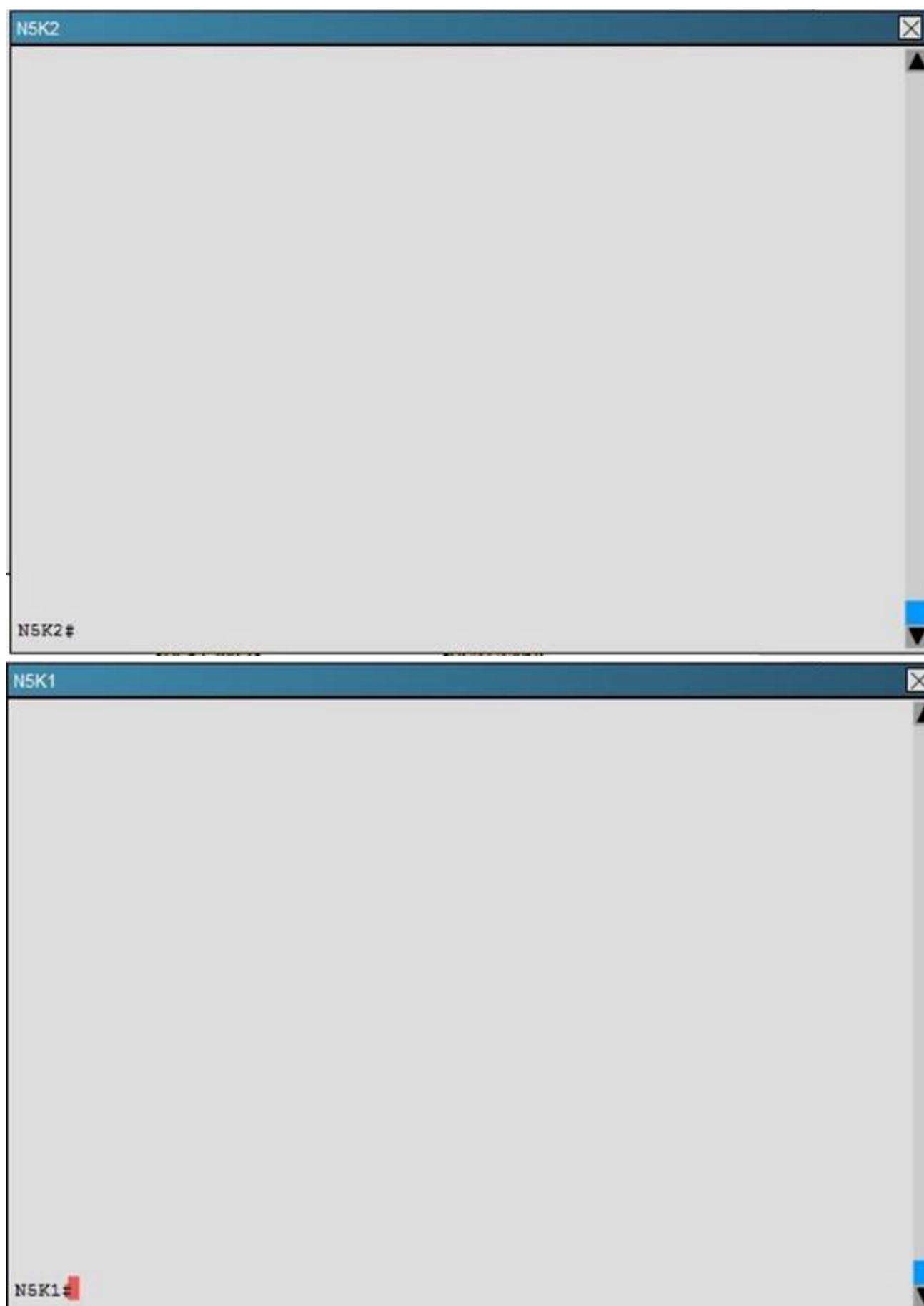
The following four questions cover the Cisco Nexus 7010 and Nexus 5000 switches, which are at the core of a data center network. Utilize all the available **show** commands to answer the items. Access to the running configuration is not allowed.

## Exhibit 1



## 7010-C1

7010-C1#



- 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 21

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?

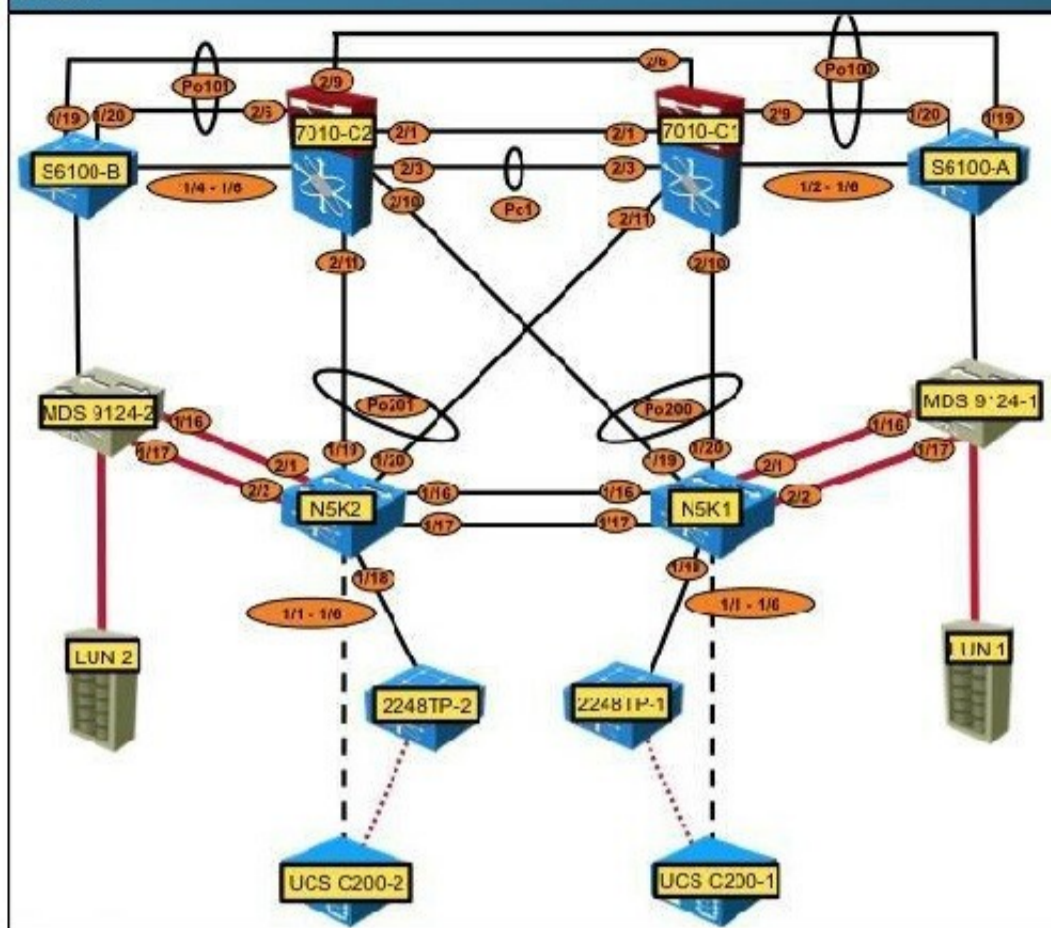
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Scenario ✕

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Exhibit1

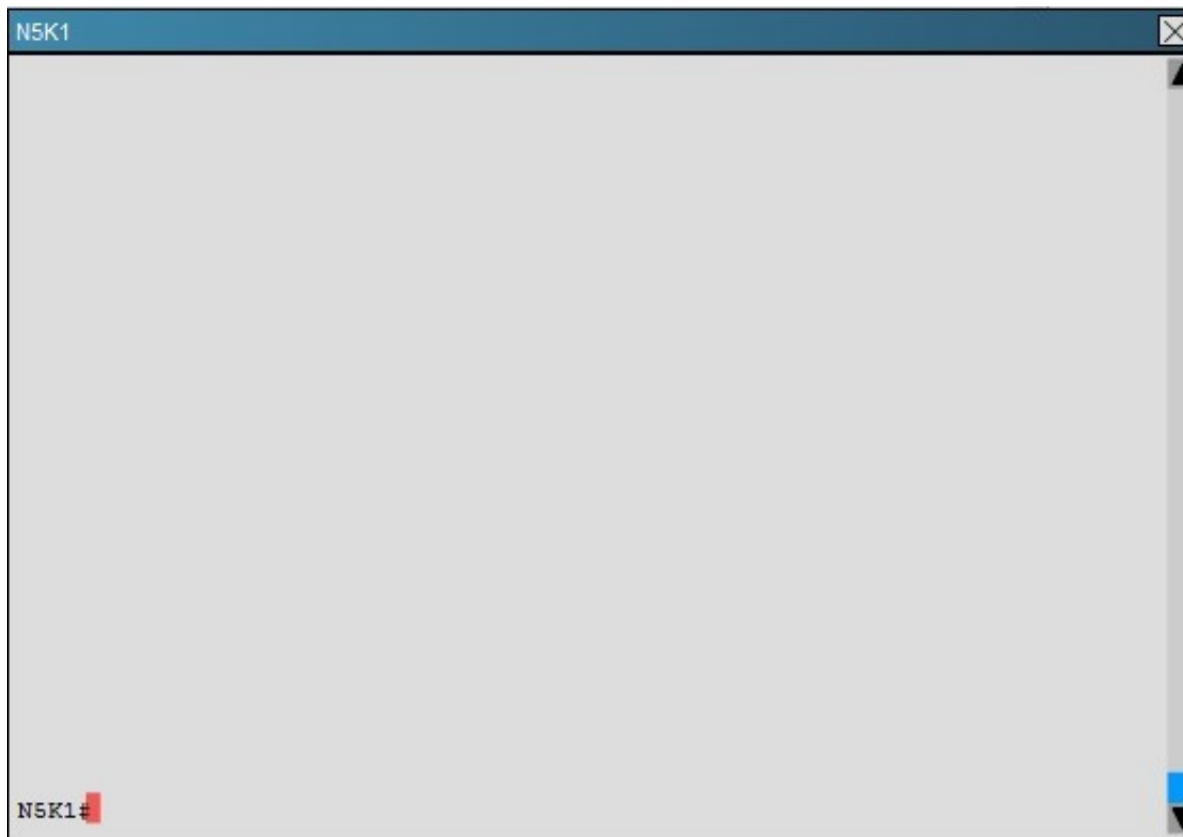


7010-C1

7010-C1#

N5K2

N5K2#



- 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 22

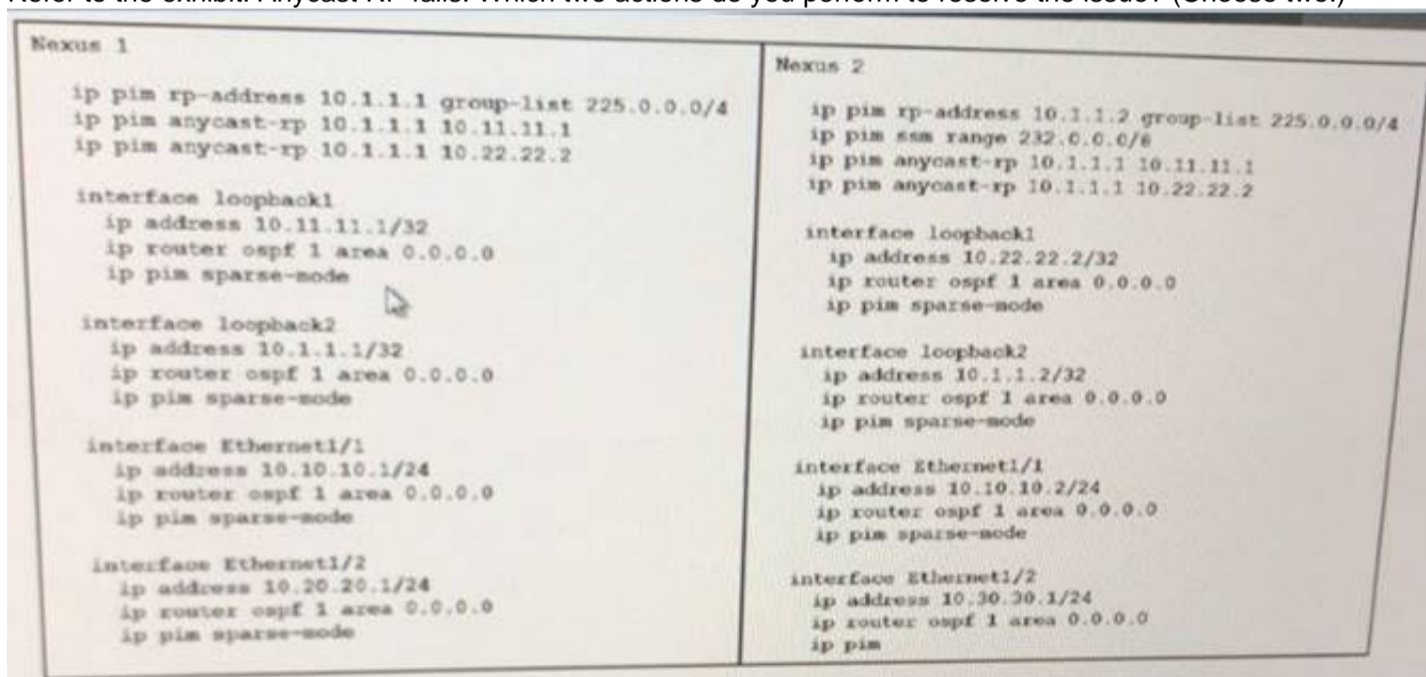
When troubleshooting VXLAN, which interface is the source of all the encapsulated packets?

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

**Answer:** A

#### NEW QUESTION 25

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 26

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 30

Refer to the exhibit.

```
ID is duplicated assigned
```

You see the fault when configuring a global ID pool on Cisco UCS Central. Which scenario could cause the issue?

- A. Global service profiles consume IDs from the blocks that have an assigned ID range qualifier
- B. The same ID is assigned to the service profiles in two registered domains.
- C. The same ID is defined in Cisco UCS Central and Cisco UCS Manager.
- D. The same IP address is configured in two registered domains.

**Answer:** B

### NEW QUESTION 33

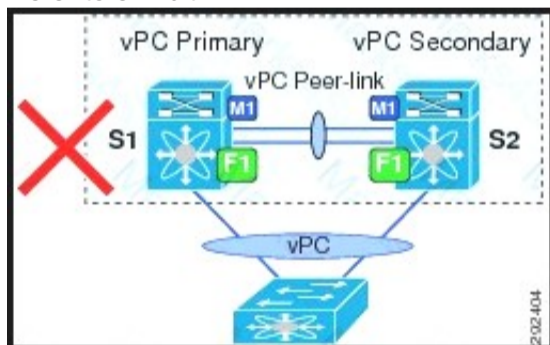
On the secondary vPC switch, under which circumstance does the vPC autorecovery feature not bring up the vPC member ports?

- 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 38

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 39

You must identify and isolate traffic loss. Which option do you configure to monitor EPG-to-EPG traffic within a tenant?

- A. SPAN
- B. traffic map
- C. tcpdump
- D. Atomic counters

**Answer: C**

#### NEW QUESTION 41

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 correct.
- 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 45

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 46

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 two possible causes of the issue? (Choose two)

- 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 51

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 52

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



- 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 54

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 57

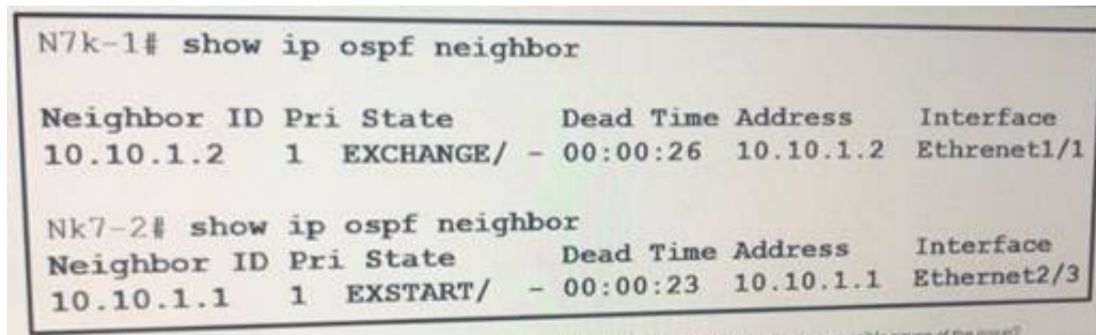
Which statement is true regarding STP?

- 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 58

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 60

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 65

Which two commands will help an administrator identify any issues with an In-Service Software Upgrade? (Choose two.)

- A. show cts interface
- B. show incompatibility system
- C. show license file
- D. show install impact all
- E. show install issu-failure

**Answer:** BD

#### NEW QUESTION 68

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 69

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 73

You are using the CISCO ACI programmatic features and you receive this error message from the REST API Token Was invalid (Error: Token timeout)  
Which option is a possible cause Of the error?

- A. The REST API requires that a login is refreshed
- B. The header or request sent to the web server IS malformed such that the request cannot be parsed by the web server
- C. The HTTP port is disabled on the Cisco APICs and HTTPS is enabled
- D. The CISCO APIC fails to resolve the distinguished name.

**Answer:** A

#### NEW QUESTION 74

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 OOB IP address to fabric-interconnect B.
- D. the fabric interconnects have duplicate IP address.

**Answer:** A

#### NEW QUESTION 76

Refer to the exhibit.

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- Channel	Type	Protocol	Member	Ports	
-----					
20	Po20(SD)	Eth	LACP	Eth1/3(s)	Eth2/2(s)

An administrator is trying to configure a port channel on a Cisco Nexus 7000 Series Switch, which is connected to a Cisco Nexus 5500 Series Switch. The port channel will not come up, so the administrator executes the show port-channel summary command on the Cisco Nexus 7000 Series Switch and displays the output.

What are two causes of the error? (Choose two.)

- A. The Cisco Nexus 7000 Series Switch needs to be configured with no lacp suspend-individual.
- B. The Cisco Nexus 5500 Series Switch is configured with channel-group mode on.
- C. The LACP feature has not been enabled on the Cisco Nexus 7000 Series Switch.
- D. The ports are cabled to the wrong switch.
- E. The port channel load-balancing algorithm does not match.

**Answer:** BD

#### NEW QUESTION 81

Which command do you to identify whether the ACI fabric discovered and the TEP addresses are assigned?

- A. Show lldp neighbors
- B. acidiag fmvread
- C. Show lldp neighbors node
- D. acidiag fmvread

**Answer:** B

#### NEW QUESTION 86

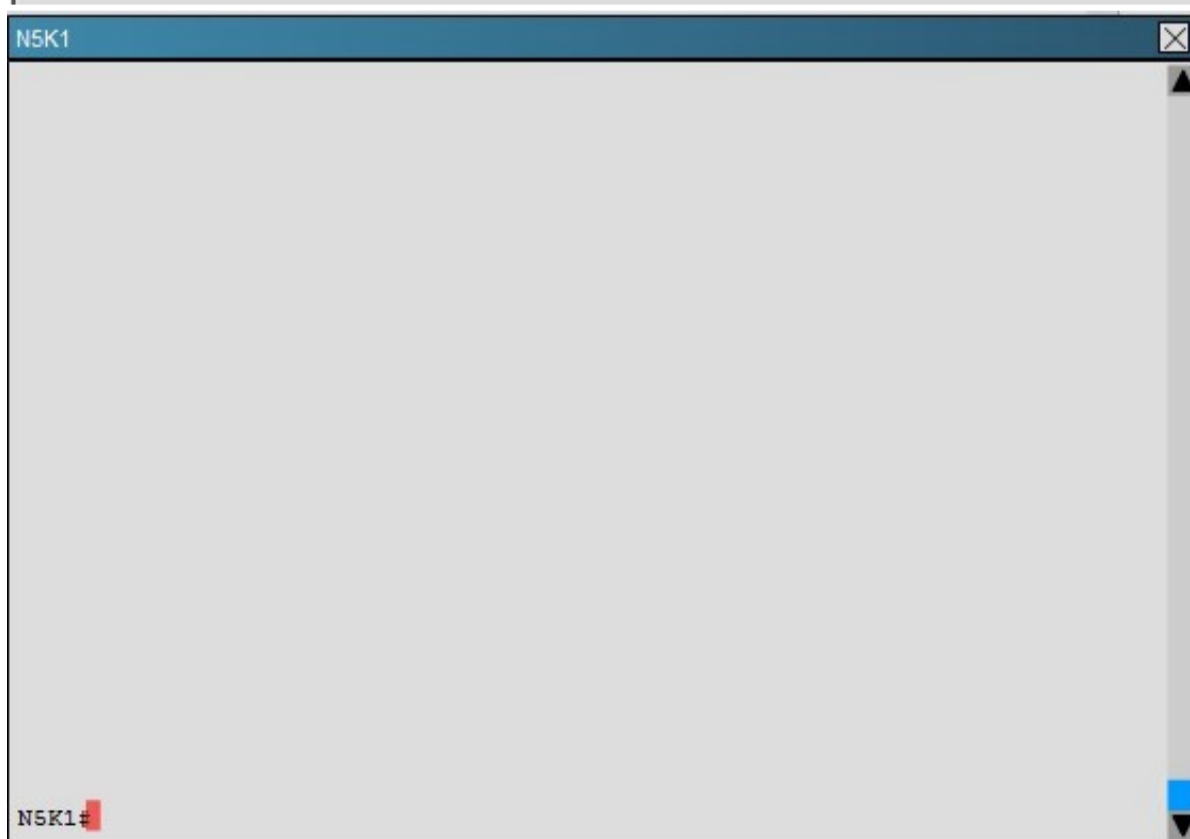
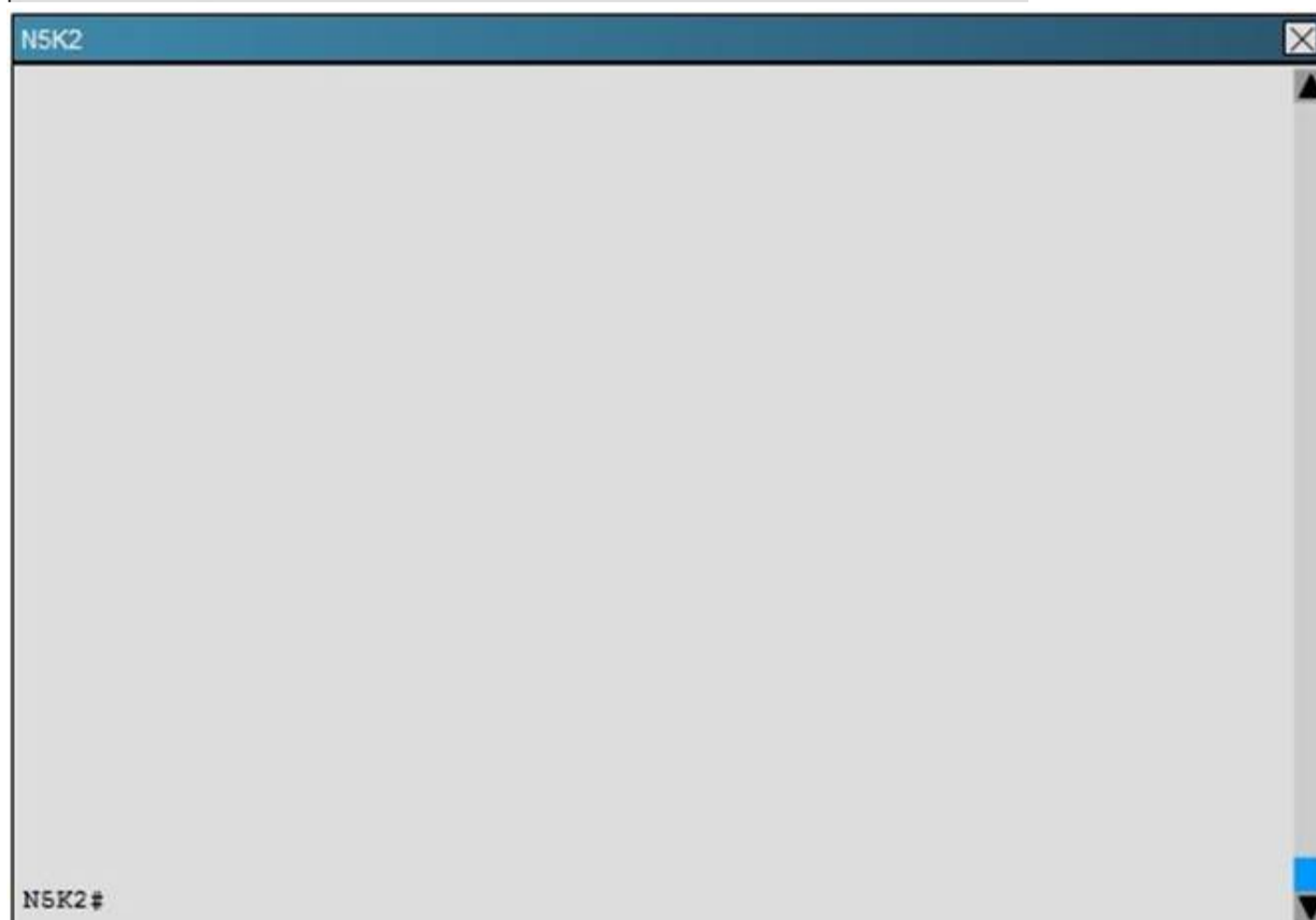
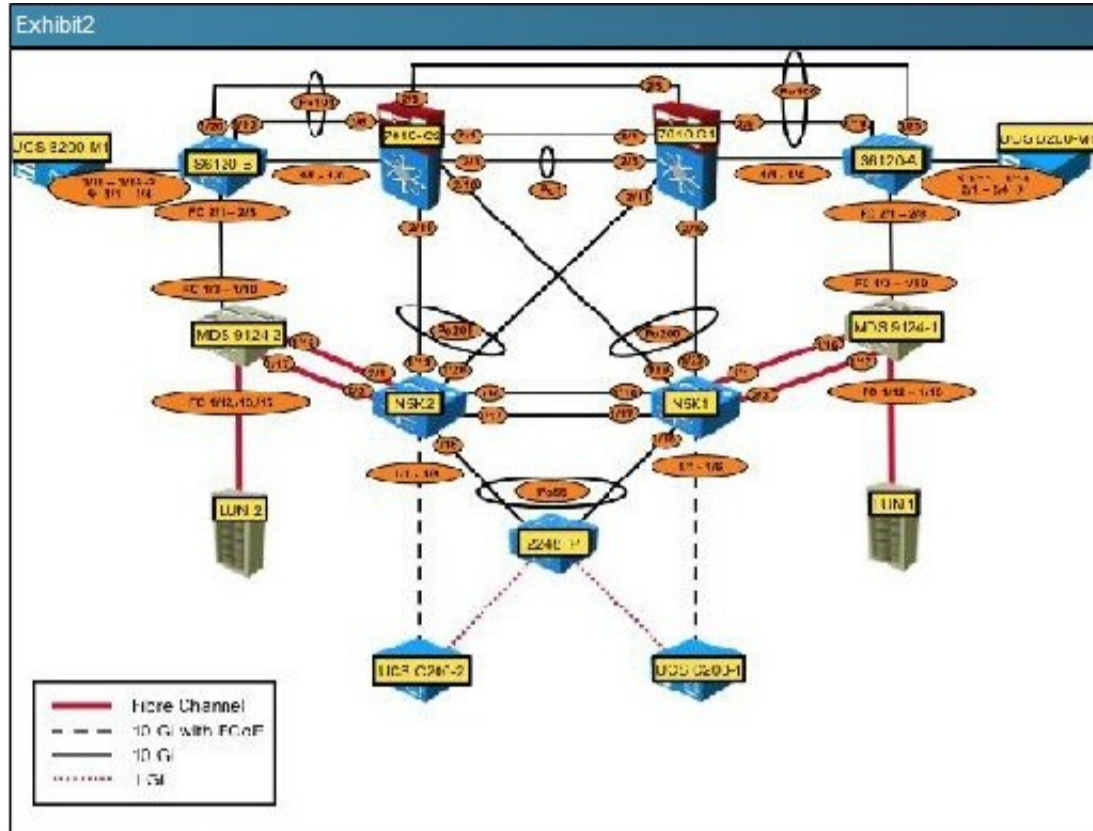
FCoE traffic from C200-1 on VSAN 13 is not being switched through the network. Which statement explains the cause of the problem?

Instructions

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- 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.



- 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 88

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
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 93

In Cisco NX-OS releases prior to 5.2, how should the copp-system-p-policy policy be modified to change how the supervisor module is protected from DoS attacks?

- A. Modify the policy map type control-plane copp-system-policy.
- B. Open DCNM and modify the "copp-system-p-policy" policy object.
- C. Re-run the setup utility and apply a new CoPP profile.
- D. In Cisco NX-OS versions prior to 5.2, the CoPP system profile can only be modified from the CMP CLI.

Answer: C

#### NEW QUESTION 98

Drag and drop the errors on the left to the events that cause the errors on the right.

An FC port remains in the initializing state	The FC nodes fail to register their FC4 types
An interface is isolated	Two switch fabrics failed to merge
The FCNS database entries for the FC nodes are stale	NPIV must be enabled on the core switch
The NP uplink ports on an NPIV edge switch are stuck in an initializing state	Another user has locked the configuration
VSAN traffic fails to route through the fabric	A remote switch is in bypass mode
Zoneset activation fails	The FSPF hello interval is misconfigured

Answer:

**Explanation:** from top to bottom:an interface is isolated,an FC port remains,The NP Uplink,Zoneset activation,the FNCS, VSAN

#### NEW QUESTION 102

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 103

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 104

Refer to the exhibit.

```
switch# show npv status

npiv is enabled

External Interfaces:
=====
  Interface: ext17, FCID: 0x000000, State: Failed(neighbor on the upstream
  port is not fabric)

Number of External Interfaces: 3
```

A customer is having difficulty getting NPV working. What is the cause of the problem?

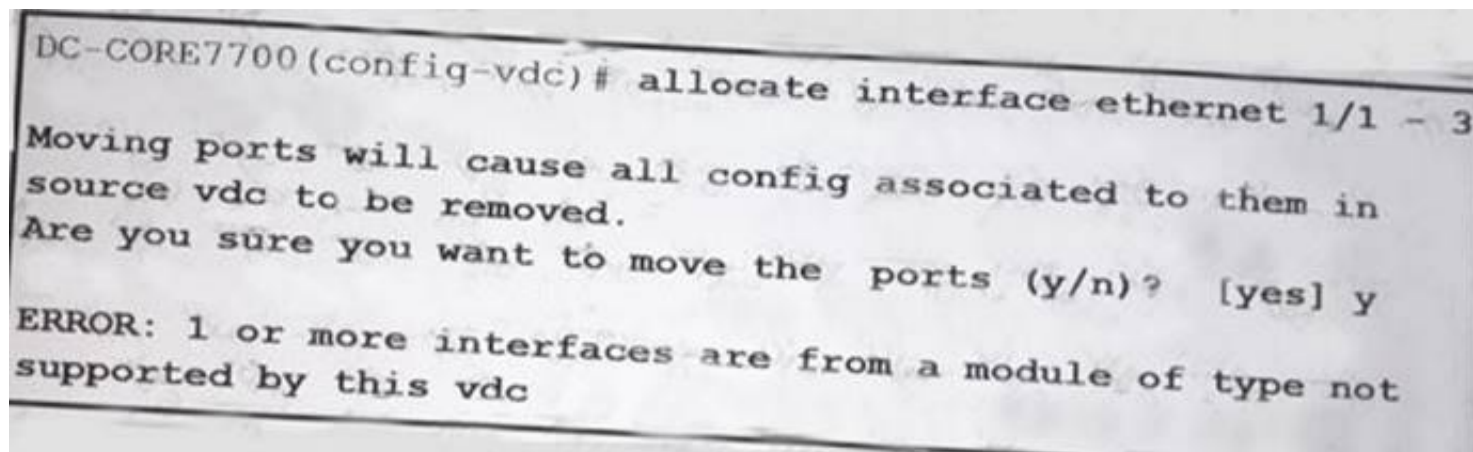
- A. The core NPV device is not enabled.
- B. The core NPV device is not a switch.
- C. The core NPV device is not configured on both ends.
- D. The core NPV device is not configured on the upstream port.

**Answer: B**

#### NEW QUESTION 109

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 issue 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 112

Which command on a Cisco Nexus 5000 Series Switch will show the interface information for port 10 on the connected FEX 100?

- A. show interface Ethernet 100/10
- B. show fex 100 interface Ethernet 1/10
- C. show interface Ethernet 100/1/10
- D. show interface Ethernet 1/100/10

**Answer: C**

#### NEW QUESTION 114

Your customer is an ISP providing service to thousands of end customers. Its main concerns are focused on using up the total number of 4096 VLANs per VDC, wasting an unused block of IP addresses, and IP address management. Which technique will address these concerns?

- A. create a separate VDC to scale VLAN limitation and upgrade to Cisco Nexus 7018 Switch
- B. segment VLANs using secondary IP addresses, which will reduce the management domain
- C. create mapping between the VLAN and VSAN to run FCoE to consolidate VLAN and IP addresses
- D. use PVLANS, which will solve the scalability problem and provide IP address management

**Answer: D**

#### NEW QUESTION 116

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
-----
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
-----
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
pwn 20:00:00:25:b5:00:20:0e [Host]
* fcid 0x5a0000 [pwn 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 [pwn 20:00:00:25:b5:00:20:0e] [Host]
pwn 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 117

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.

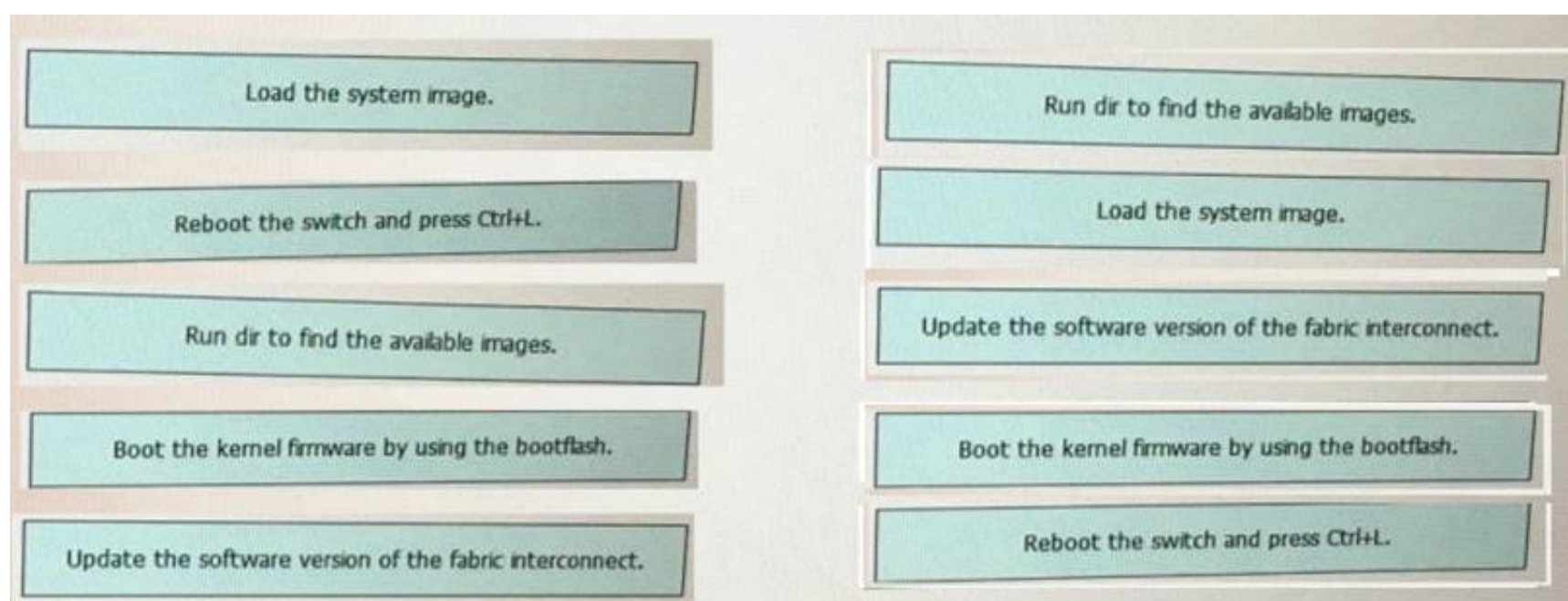
Run dir to find the available images.

Boot the kernel firmware by using the bootflash.

Update the software version of the fabric interconnect.

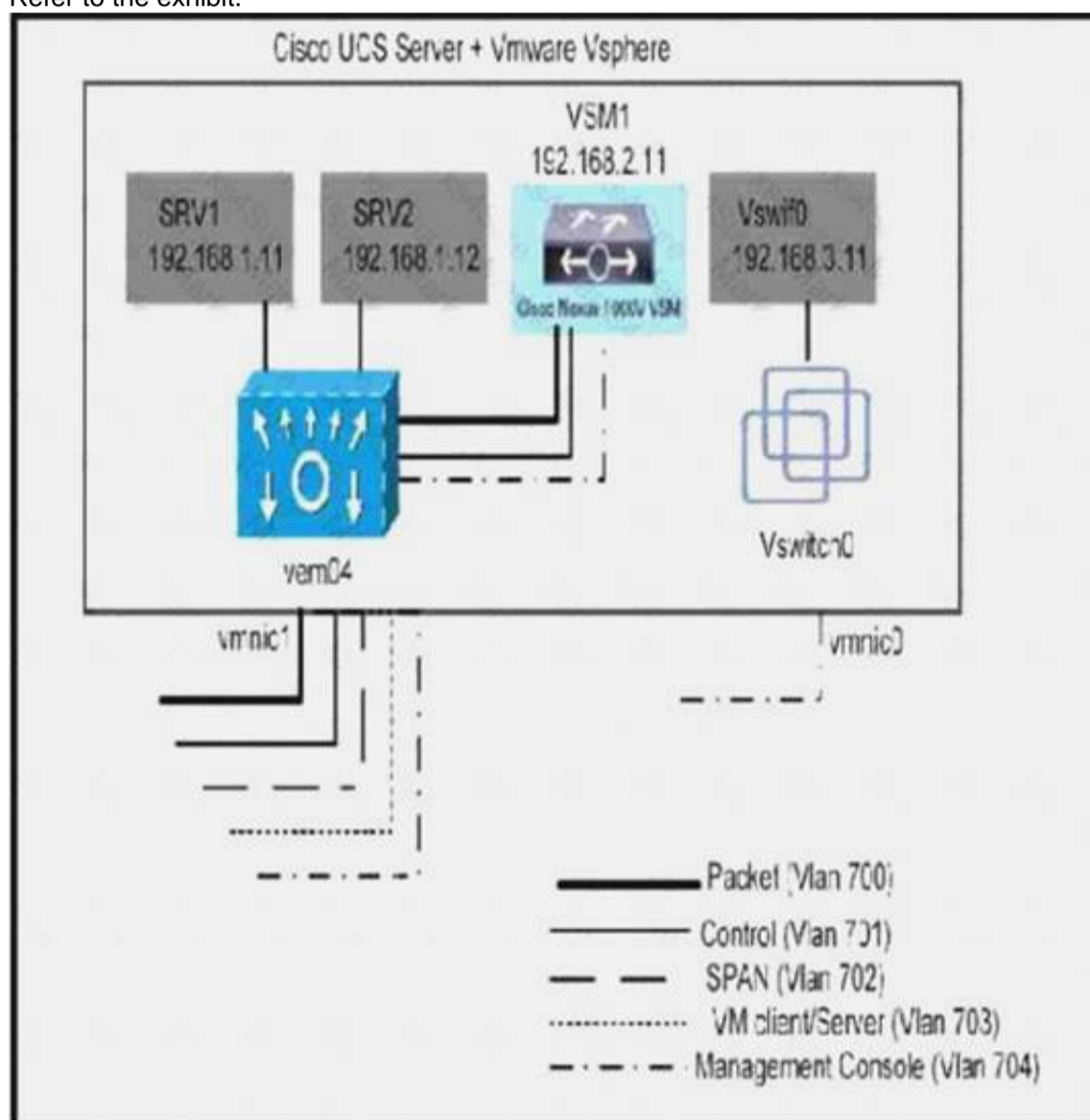
Answer:

Explanation:



#### NEW QUESTION 118

Refer to the exhibit.



IGMP Snooping is configured on the Cisco Nexus 1000v switch to support the P1M sparse mode implementation within the data center. Which command validates the multicast configuration below on the Nexus 1000v switch?

VLAN	Group Address	Ver	Type	Port List			
-	*/*			v2	R		Eth1/1
-	224.0.1.24			v2	D		Veth8
-	239.0.0.1		v2	D		Veth1	
-	239.255.255.254		v2	D		Veth8	

- A. show ip igmp snooping groups vlan 702
- B. show ip igmp snooping groups vlan 700
- C. show ip igmp snooping groups vlan 703
- D. show ip igmp snooping groups vian 701

**Answer: C**

#### NEW QUESTION 121

Which three statements are true regarding trunking on an ISL between two switches in order for the VSAN to be trunked? (Choose three.)

- A. The VSAN must be defined on both switches.

- B. The VSAN must be on the VSAN allowed list.
- C. All VSANs that are being trunked must be using either enhanced or non-enhanced mode zoning, but not both.
- D. IVR must be configured for Cisco Fabric Services.
- E. The device alias database must successfully merge.
- F. There cannot be any duplicate domain IDs within an individual VSAN.

**Answer:** ABF

#### NEW QUESTION 123

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 126

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 129

Which two effects of enabling the persistent FC ID feature are true? (Choose two.)

- A. N Ports receive the same FC IDs when they disconnect from and reconnect to any port on the same switch.
- B. The tcdomain automatically adds entries to the FC ID database when a device connects to a port.
- C. The volatile cache stores up to 4.000 entries containing the WWN to FC ID bindin
- D. New entries overwrite the oldest entries in the cache if the cache is full.
- E. The contents of the volatile cache are discarded when a server reboots.
- F. The FC IDs used in the fcdomain are saved after you reboot the switch.

**Answer:** AC

#### NEW QUESTION 133

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 136

In order to fulfill the requirement to prevent the creation of end-to-end loops across a multihomed OTV network that connects two different data centers, what is the solution to this problem?

- A. prioritize the transmission of STP BPDUs across the overlay
- B. design the DCI connectivity as a hub and spoke
- C. define a conservative TTL for all packets traversing the OTV network
- D. enable AED on a per-VLAN basis between each OTV edge device with the same site ID

**Answer:** D

#### NEW QUESTION 141

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

fabric1\_leaf5# show zoning-rule

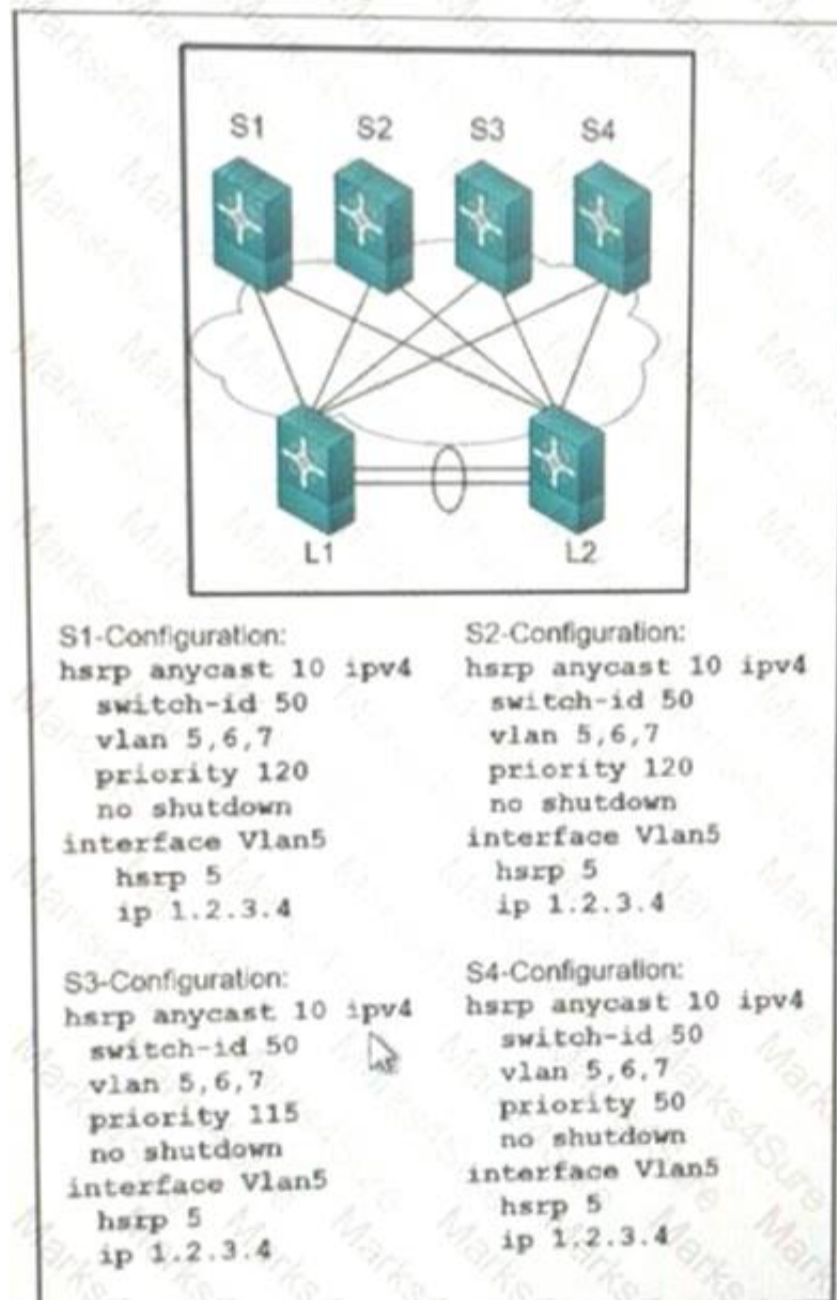
Rule ID	SrcEPG	DstEPG	FilterID	operSt	Scope	Action
4096	0	0	implicit	enabled	16777200	deny,log
4097	0	0	implicit	enabled	3080192	deny,log
4098	0	0	implicit	enabled	2686976	deny,log
4104	0	32770	implicit	enabled	2097152	permit
4105	49155	16387	13	enabled	2097152	permit
4112	16387	49155	13	enabled	2097152	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 applies

**Answer: C**

#### NEW QUESTION 143

Refer to the exhibit.



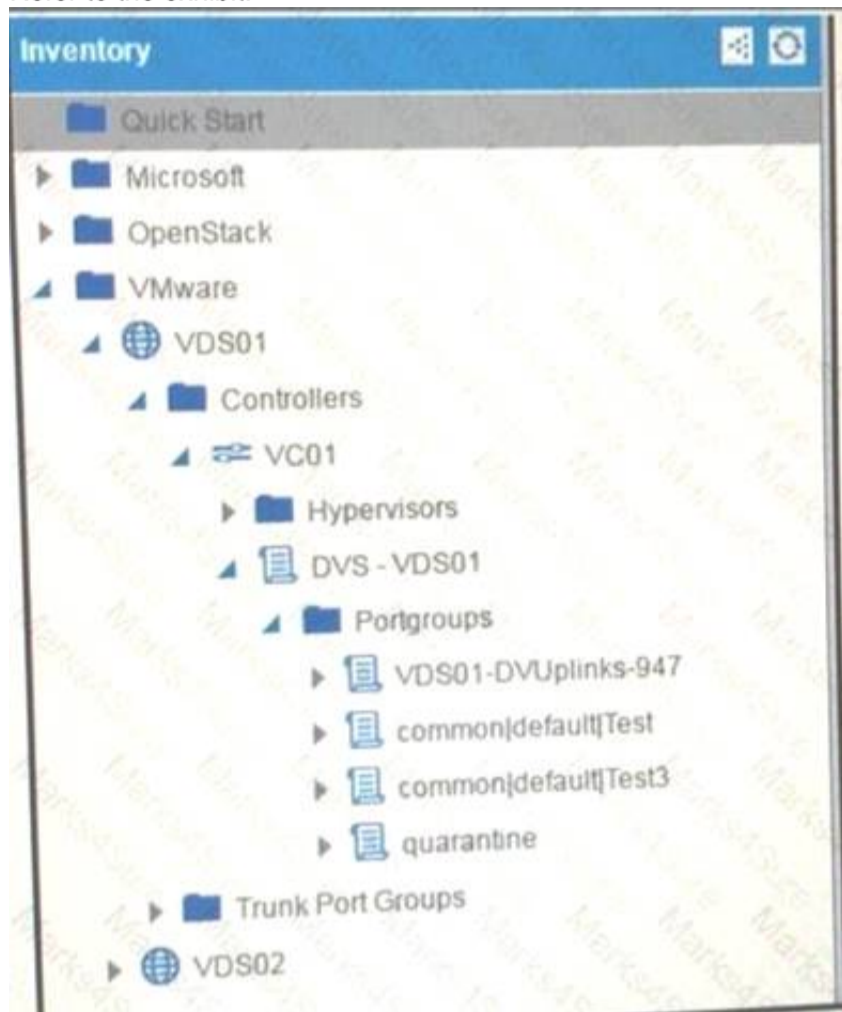
You are troubleshooting a Cisco FabricPath anycast HSRP configuration issue What is the cause of the issue?

- 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 145

Refer to the exhibit.



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 until it is first used.
- D. Create the SQL\_SERVERS port group on the vSphere web client.

**Answer:** B

#### NEW QUESTION 150

Which statement is true regarding Cisco FabricPath?

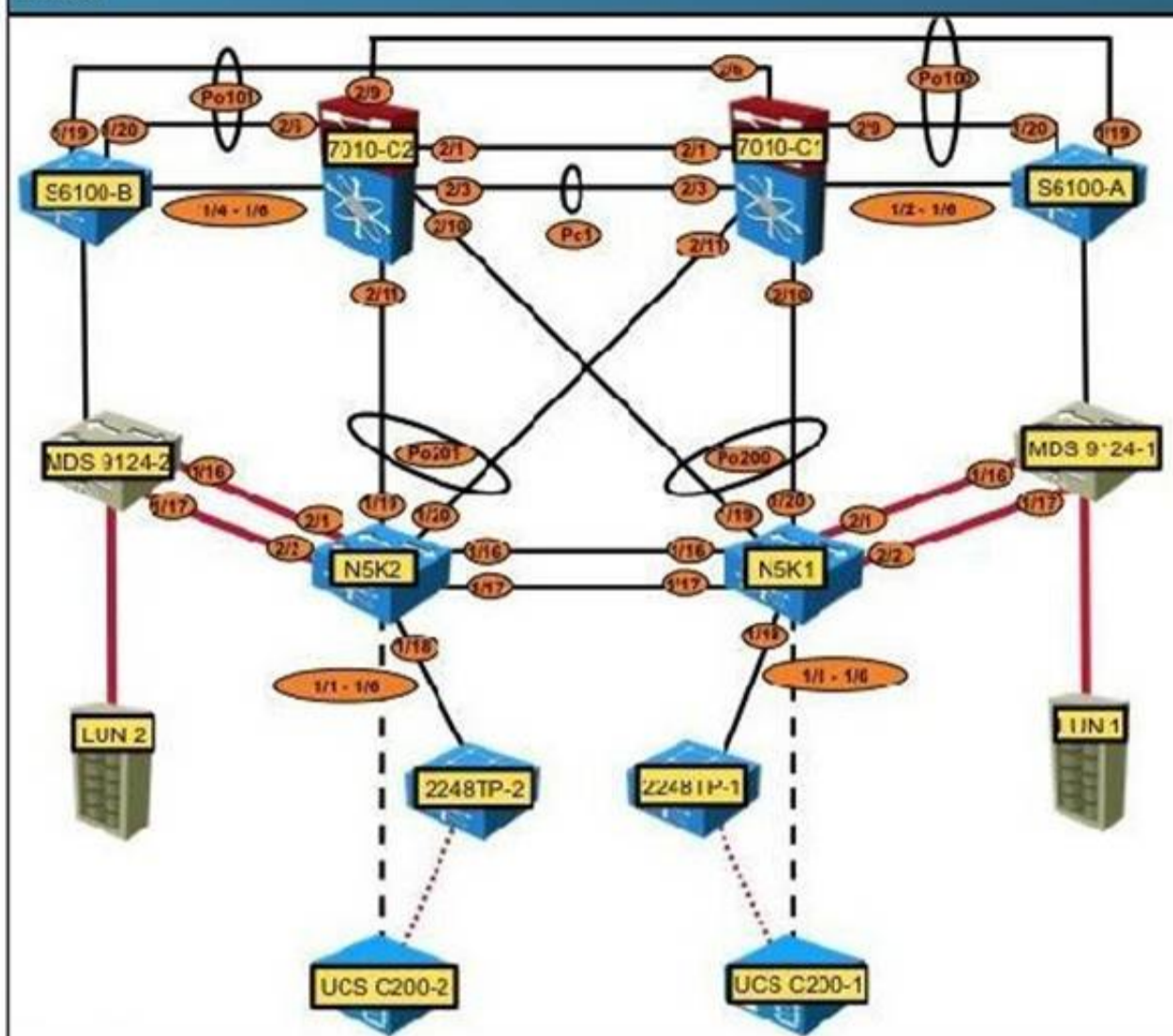
- A. It is necessary to first install the Cisco FabricPath feature set in the default VDC.
- B. Cisco FabricPath is only available on Cisco Nexus 7010 Switches with the Supervisor 2 engine.
- C. Cisco FabricPath cannot be disabled explicitly for a specific VDC.
- D. If the Cisco FabricPath feature is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

**Answer:** A

#### NEW QUESTION 153

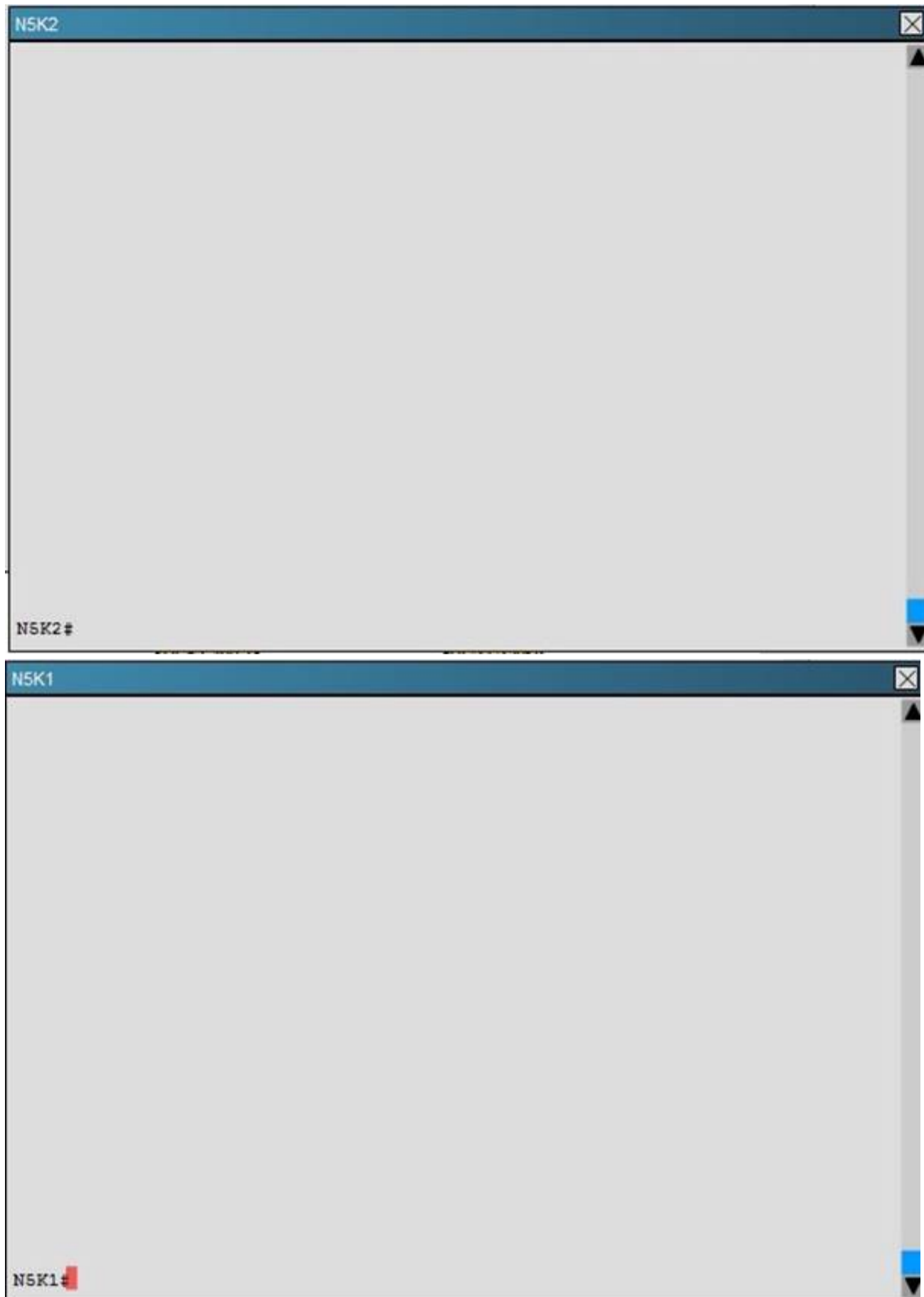
While the Nexus 7010 switches are configured with vPC, the Nexus 5000 switch connections to each Nexus 7010 are configured as regular port-channels. Which statement best describes the problem affecting the port channel on N5K1?

Exhibit1



7010-C1

7010-C1#



- A. LACP is not configured to initiate negotiations.
- B. N5K1 must also be configured with vPC.
- C. load-balancing is not configured correctly on N5K1.
- D. The remote ends of the port-channel on N5K1 cannot use the same interface.

**Answer:** D

**Explanation:** The remote ends of the port-channel on N5K1 cannot use the same interface.

If you look at the remote ends and issue the “show interface port-channel, you will see that only one physical interface is assigned to the port channel.

#### NEW QUESTION 155

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 156

Refer to the exhibit.

```
cisco# show npv status

npiv is enabled

External Interfaces:
-----
Interface: ext11, FCID: 0x000011, State: Other

Number of External Interfaces: 2
```

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 158

Refer to the exhibit.

```
Leaf1# show endpoint ip 10.2.2.10
Legend:
O - peer-attached      H - vtep          a - locally-aged      S - static
V - vpc-attached      p - peer-aged      L - local             M - span
s - static-arp         B - bounce

+-----+-----+-----+-----+-----+
| VLAN/ | Encap | MAC Address | MAC Info/ | Interface |
| Domain | VLAN | IP Address  | IP Info   |            |
+-----+-----+-----+-----+-----+
| 22     | vlan-10 | 0050.5682.bdbf LV |          | pol3       |
| TENANT1:VRF10 | vlan-10 | 10.2.2.10 LV    |          |            |
+-----+-----+-----+-----+-----+
```

Which statement accurately described the output?

- A. There are two EPGs associated to the 10.2.2.10 IP address
- B. The displayed endpoint is attached via a vPC.
- C. The displayed endpoint is a local VTEP
- D. There are two endpoints associated to the 10.2.2.10 IP address

**Answer: D**

#### NEW QUESTION 162

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 165

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. CFSolP is disabled.
- E. Multicast routing is enabled.

**Answer: D**

#### NEW QUESTION 167

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 171

Refer to the exhibit.

```
> # venvs show card
Card UUID type 2: 24266920-d498-11e0-0000-000000000002
Card name:
Switch name: Nexus1000v
Switch alias: DvsPortset-0
Switch uuid: ee 63 3e 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 (ATPC) 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:50:1b:02
Primary VSM MAC : 00:50:56:be:74:f1
Primary VSM PCT MAC : 00:50:56:be:62:bd
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 Readless Mode : No
Processors: 16
Processor Cores: 8
Processor Sockets: 2
Kernel Memory: 25102140
Port link-up delay: 5s
Global OUFBS: DISABLED
Heartbeat Set: True
FC 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 1380 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 is configured to use the incorrect VLAN.
- D. The active VSM is connected to the standby VSM.

Answer: A

#### NEW QUESTION 175

Refer to the exhibit.

```
N7K1-Datacenter-Core# show running-config

!Command: show running-config
!Time: Wed Feb 7 17:25:14 2018

hostname N7K1-Datacenter-Core
vdc N7K1-Datacenter-Core id 1
  limit-resource vlan minimum 16 maximum 4094
  limit-resource vrf minimum 2 maximum 1000
  limit-resource port-channel minimum 0 maximum 0
  limit-resource u4route-mem minimum 96 maximum 96
  limit-resource u6route-mem minimum 24 maximum 24
  limit-resource m4route-mem minimum 58 maximum 58
  limit-resource m6route-mem minimum 8 maximum 8

feature telnet
feature ospf
feature hsrp
feature vtp
```

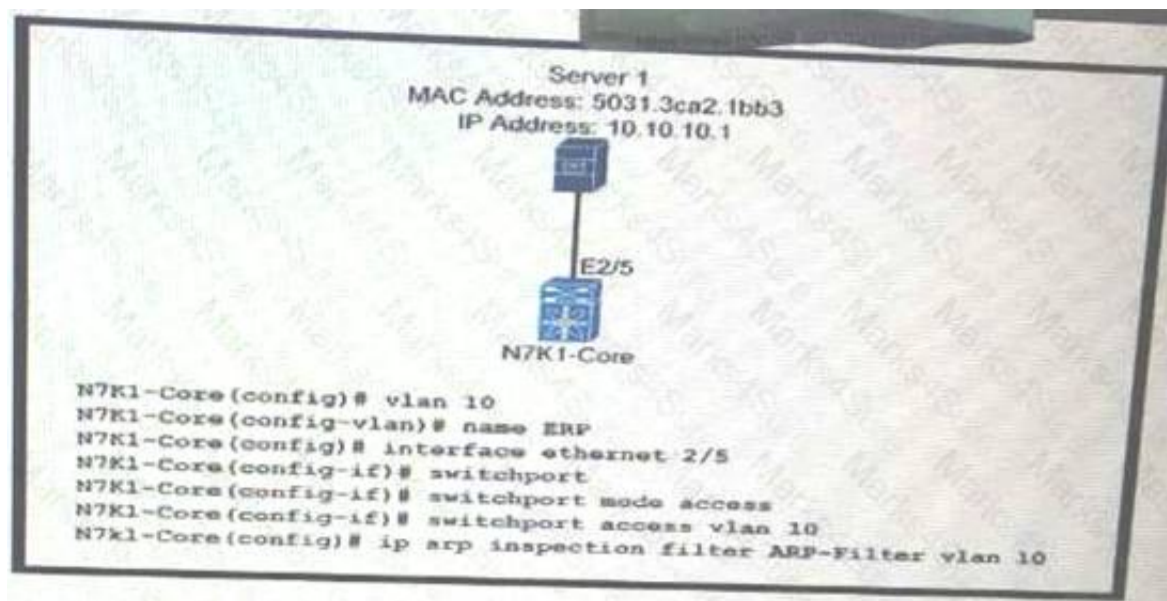
You cannot create a layer 3 port channel interface on the Cisco Nexus 7000 Series switch to aggregate two links connected to the core switch. Which reason is the root cause of this problem?

- A. No unicast IPv4 route memory resources are available.
- B. No port channel resources are available.
- C. No multicast IPv4 route memory resources are available.
- D. Layer 3 port channel cannot be configured on Cisco Nexus 7000 Series switches, instead interface VLAN must be configured and port channel must be mapped to it.

Answer: D

#### NEW QUESTION 180

Refer to the exhibit.



You are troubleshooting Dynamic ARP inspection.

Which command set correctly configures the access list to be used by ARP inspection?

- A. N7k1-core(config)# mac access-list ARP-FilterNk1-Core(config-mac-acl) # 1 permit mac 5031. 3ca2.1bb3 0000.0000 any
- B. N7k1-Core(config)# iP access-list ARP-FilterNk1-Core(config-acl) # 1 permit ip 10.10.10.1 0.0.0.0 any
- C. N7k1-Core(config)# IP access-list ARP-FilterNk1-Core(config-mac-acl) # 1 permit iP 10.10.10.1 0.0.0.0. mac 5031. 3ca2. 1bb3 0000.0000.0000
- D. N7k1-Core(config)# access-list 1 permit 10.10.10.1 0.0.0.0Nk1-Core(config-mac-acl) # 1 permit mac 5031. 3ca2.1bb3 0000.0000 any

**Answer: C**

#### NEW QUESTION 184

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 187

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 191

Refer to the exhibit.

**PROPERTIES**

Host Name (or IP Address): 10.29.177.214

Description: optional

Port: 389

Bind DN: CN=LDAP\_Bind\_User,CN=Users,DC=cisco,DC=com

Base DN: CN=Users,DC=cisco,DC=com

Password:

Confirm Password:

Timeout (sec): 30

Enable SSL: ☐

Filter: (&(objectclass=person)(cn\$userid))

Attribute: CiscoAVPair

SSL Certificate Validation Level: ☐ Permissive ☒ Strict

Management EPG: default (Out-of-Band)

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 login domain
- C. creating the LDAP provider
- D. creating the LDAP provider group

**Answer: C**

#### NEW QUESTION 196

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

**Status**

Overall Status: ▲ Config Failure

**Status Details**

Desired Power State: ↑ Up

Assoc State: ↑ Associated

Assigned State: ↑ Assigned

Configuration Error: iSCSI config issues, probably invalid setting for macaddress, vlan, overlay vnic, initiator identity or initiator-target password pair

Note: The "Desired Power State" is the Power State of the server set via UCSM. It may be therefore different from the actual value. For the actual server power state click the "Server Details" Tab

- 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 201

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 for CDP is increased (360 seconds) if it is less than the recommended timeout value.

**Answer: C**

#### NEW QUESTION 203

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 208

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 213

In Cisco UCS, which logs are used to troubleshoot hardware failure?

- A. system event log
- B. audit log
- C. gateway logs
- D. system log

**Answer:** A

#### NEW QUESTION 217

What can prevent you from adding an interface to a pre-existing port-channel on a CISCO Nexus N7K device?

- A. The port-channel is In LACP passive mode
- B. The interface already assigned to a different port-channel,
- C. The interface has been allocated to a different VOC
- D. no shutdown was issued on the interface.

**Answer:** B

#### NEW QUESTION 222

You use a Cisco UCS VIC 1340 adapter. You discover that the actual vNIC order does not reflect the order specified in the connectivity policy. What must you do to change the placement order?

- A. Change adminHostPort in the vNIC policy.
- B. Change the adapter order in the connectivity policy.
- C. Remove all of the adapters and recreate all of the adapters in the required order
- D. Change adminHostPort in the connectivity policy.

**Answer:** A

#### NEW QUESTION 224

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 225

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-Channel	Type	Protocol	Member Ports
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 227

Refer to the exhibit.

ID is defined in multiple systems

You see the fault when configuring a global ID pool on Cisco UCS Central. Which issue could cause the fault?

- A. The same ID is defined in Cisco UCS Central and Cisco UCS Manager
- B. The interval between the creation and the deletion of a service profile is less than 10 milliseconds
- C. The blocks in the pools do not have an assigned ID range qualifier
- D. The same ID is defined in two registered domains

**Answer: D**

#### NEW QUESTION 230

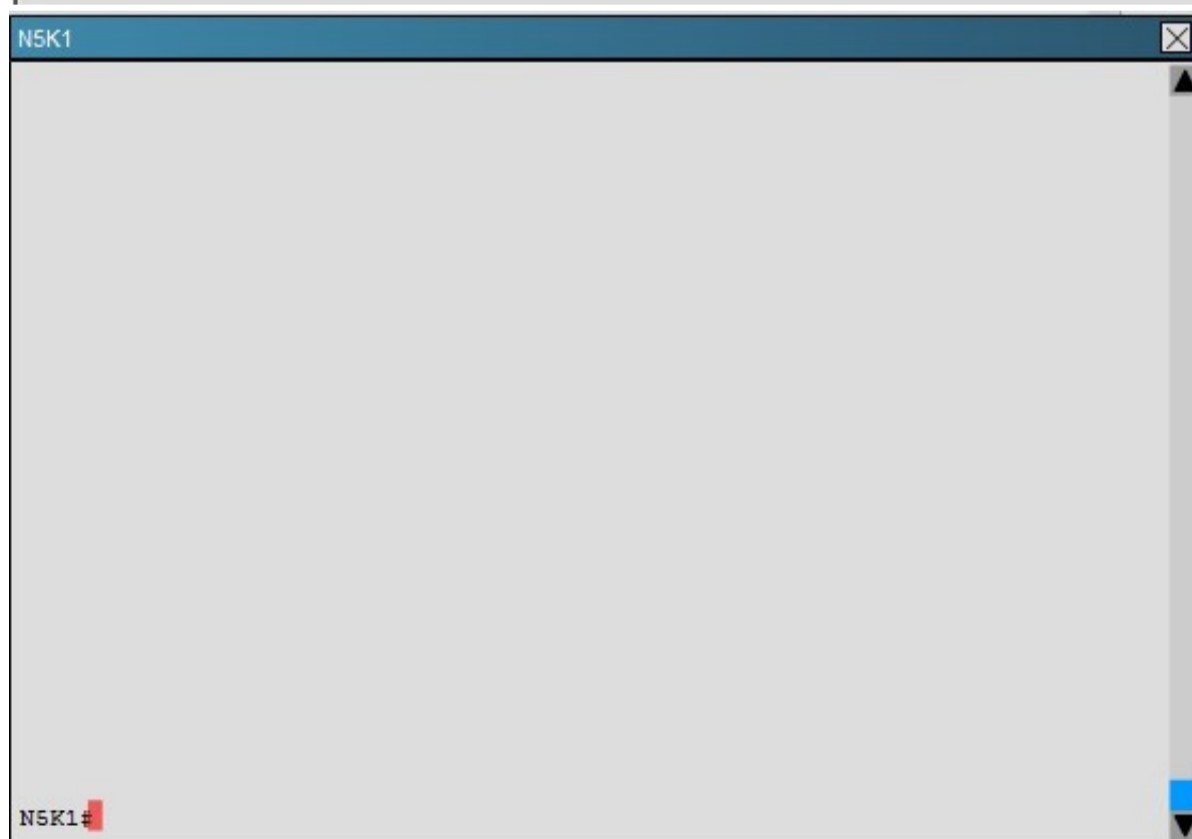
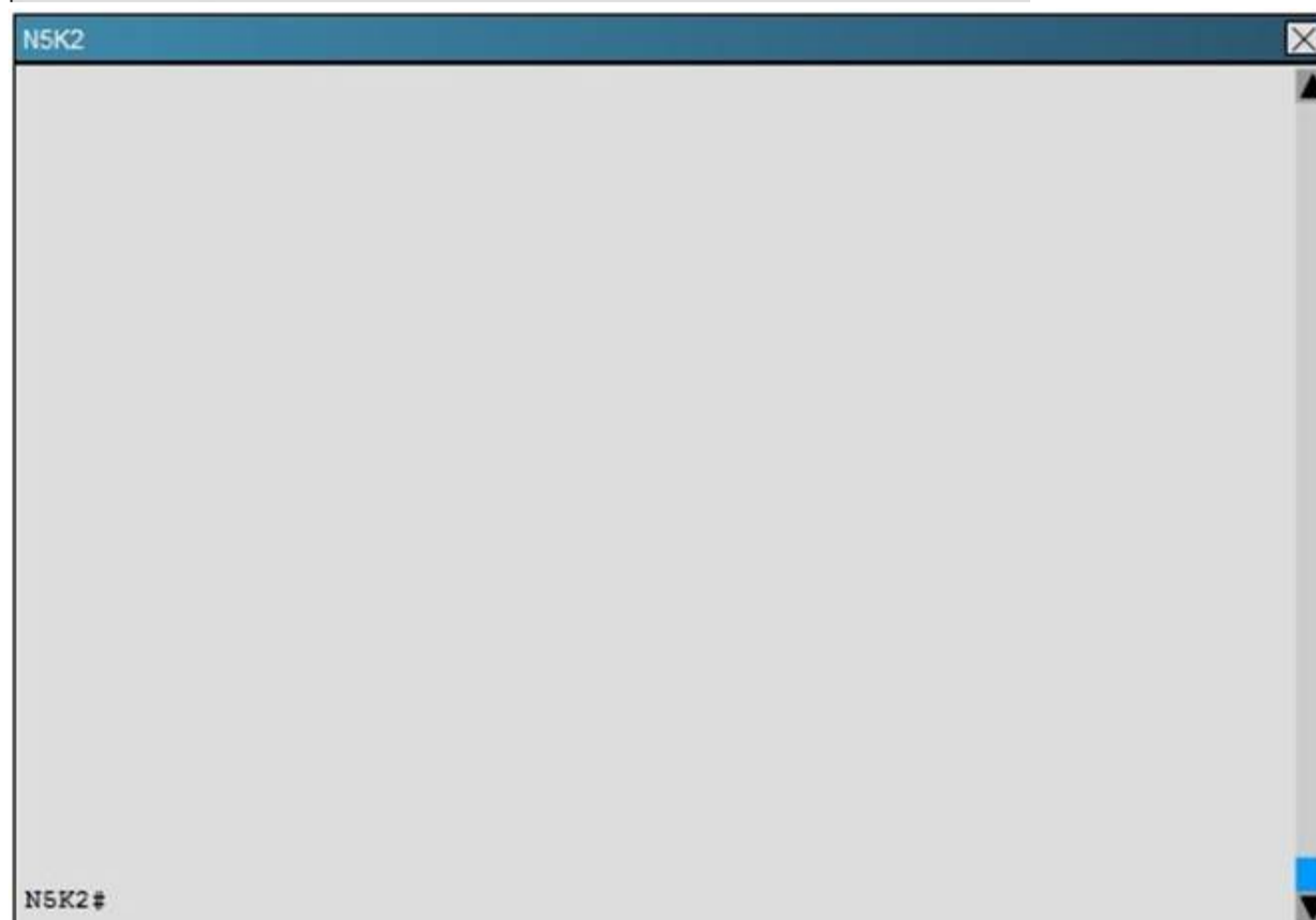
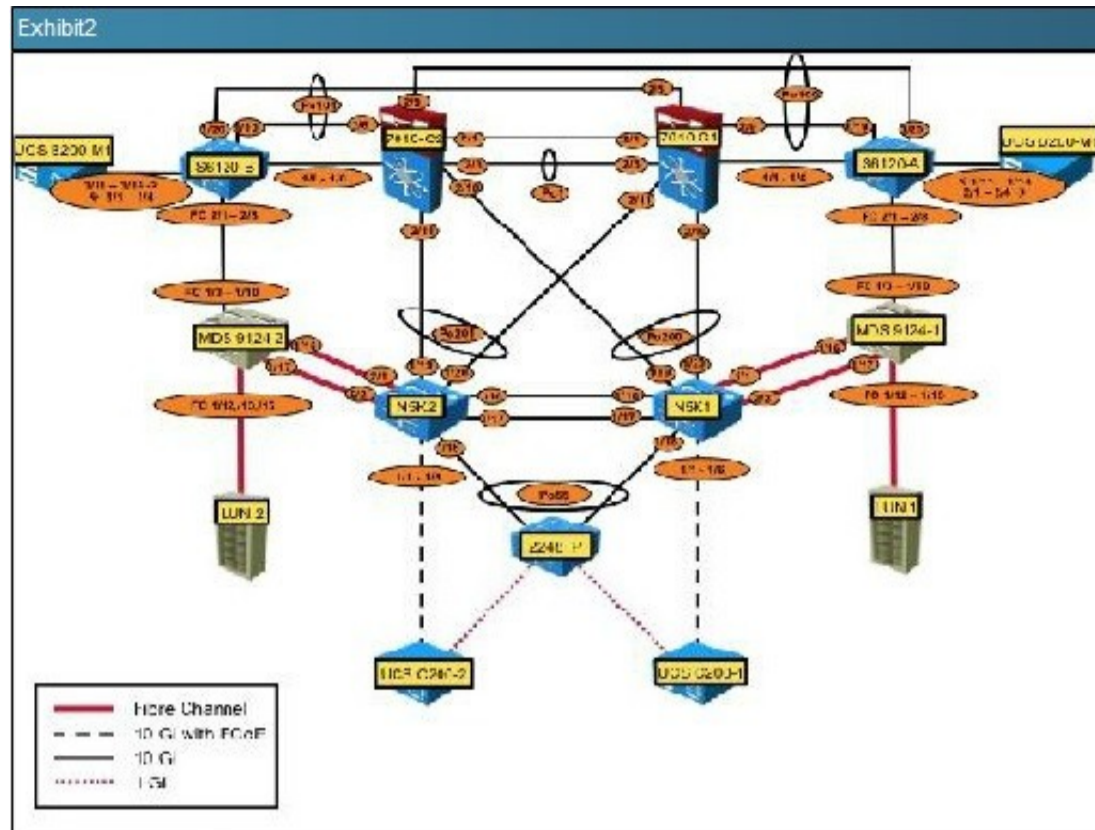
Fibre Channel traffic on VSAN 12 between N5K2 and MDS9124-2 is degraded. Which statement explains the cause of this degradation?

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.



- 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 233

Which two commands will show all the OTV edge devices and their MAC addresses in all sites in the overlay? (Choose two.)

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

Answer: AD

#### NEW QUESTION 238

Refer to the exhibit.

```
No of sessions: 1 (Max: 32)
Total number of commands: 0 (Max: 102400)
Session Database Lock Info: Locked
Client: 2 (1: SSN, 2: CONF-T)
Ref count: zero-based ref-count
Lock acquired for cmd : some-command
```

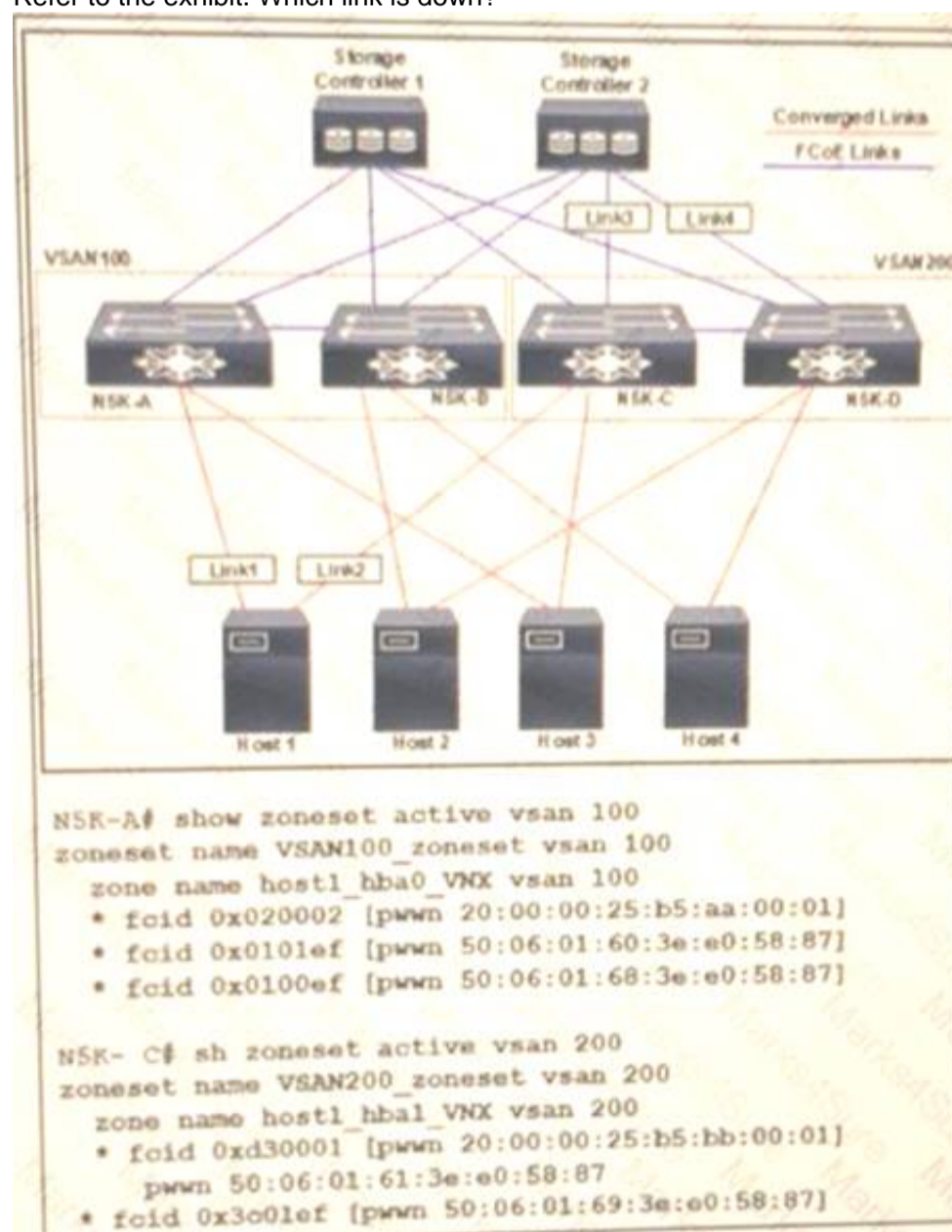
What is the cause of the ISSU failure when using the command show system internal csm global info?

- 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 243

Refer to the exhibit. Which link is down?



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

**Answer: B**

#### NEW QUESTION 245

Which statement is true about the show cfs merge status name command?

- A. In a successful merge, all switches in the fabric are shown separately.
- B. The command shows the complete Cisco Fabric Services region database.
- C. The merge master is selected based on the highest sWWN in the fabric.
- D. In a successful merge, all switches are shown in a local fabric.

**Answer: D**

#### NEW QUESTION 247

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 qos service-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 qos service-policy type qos input fcoe-default-in-policy service-policy type queuing input fcoe-default-in-policy service-policy type qos input default-in-policy service-policy type network-qos default-nq-policy
- C. system qos service-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 qos service-policy type qos input default-in-policy service-policy type queuing input default-in-policy service-policy type queuing output fcoe-default-out-policy service-policy type network-qos fcoe-default-nq-policy

**Answer: A**

#### NEW QUESTION 252

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 256

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 260

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 265

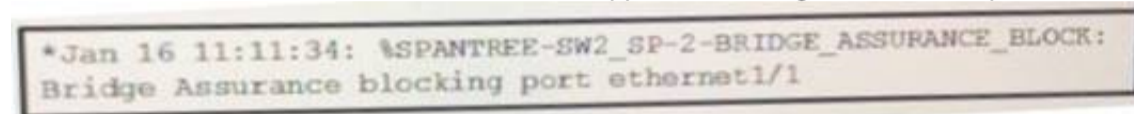
You plan to use OSPFv2 on several Cisco Nexus 9000 Series Switches. Which setting must match on the neighboring switches to establish adjacency?

- A. The LSA arrival time
- B. The dead interval
- C. The last flood scan time
- D. The retransmit interval

**Answer:** A

#### NEW QUESTION 270

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

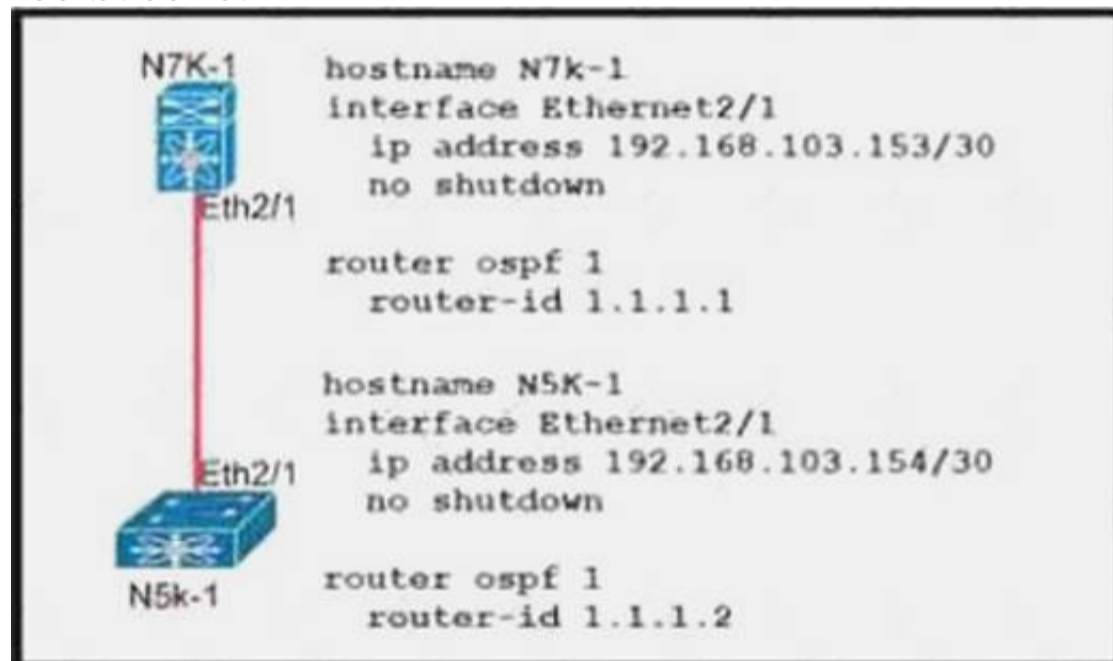


- A. Reboot the switch.
- B. On the adjacent switch, run the spanning-tree port type network command.
- C. On the switch, change the STP type.
- D. On the adjacent switch, disable bridge assurance.

**Answer:** B

#### NEW QUESTION 271

Refer to the exhibit.



No OSPF neighborship exists between N5K-1 and N7K-1. Which configuration resolves this issue?

- A. (config)# router ospf 1(config-router)# network 192.168.103.152 255.255.255.252 area 0
- B. (config)# ip router ospf 1 area 0
- C. (config)# router ospf 1(config-router)# network 192.168.103.152 0.0.0.3 area 0
- D. (config-rf)# ip router ospf 1 area 0

**Answer:** A

#### NEW QUESTION 276

Which command must you use to identify an active VIF for a particular blade in a Cisco UCS B-Series chassis?

- A. scope service-profile server [blade\_slot]
- B. show cluster extended-state
- C. show pinning border-interfaces
- D. show service-profile circuit server [blade\_slot]

**Answer:** D

#### NEW QUESTION 278

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 283

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 285

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 289

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 290

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 295

ACisco Nexus 7010 Switch that is at the core of a customer network has high CPU utilization. What can the customer do to prevent a network outage and identify why CPU utilization is high?

- A. apply a rate limit on the interfaces with high traffic
- B. use CoPP
- C. use HSRP and vPC for redundancy to handle high CPU utilization
- D. use the show process cpu command to see the high CPU utilization

**Answer:** B

#### NEW QUESTION 299

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