

300-180 Dumps

DCIT Troubleshooting Cisco Data Center Infrastructure (DCIT)

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



NEW QUESTION 1

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 2

Within Cisco UCS Manager, which two types of objects can be restricted by using RBAC? (Choose two.)

- A. service profiles
- B. roles
- C. users
- D. locales
- E. RADIUS

Answer: BD

NEW QUESTION 3

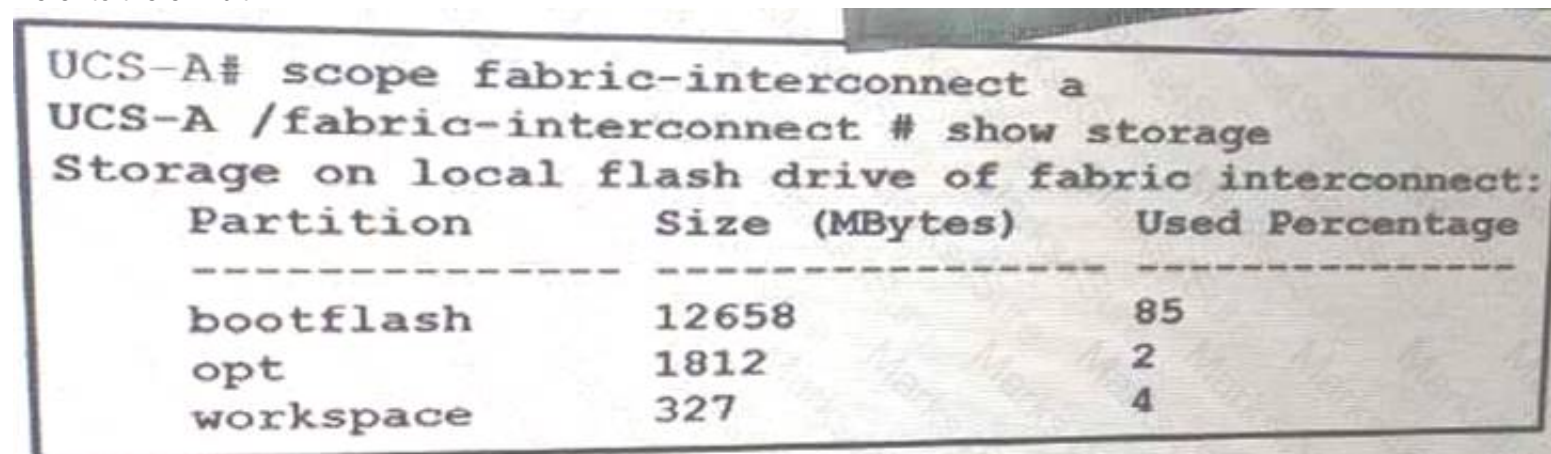
Which communication is exchanged between neighbors during OTV adjacency formation across the layer 3 multicast network?

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

Answer: A

NEW QUESTION 4

Refer to the exhibit.



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 5

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

Enable DAI on the required untrusted interfaces.

Configure DAI trust interfaces.

Configure access list required by DAI for static mappings.

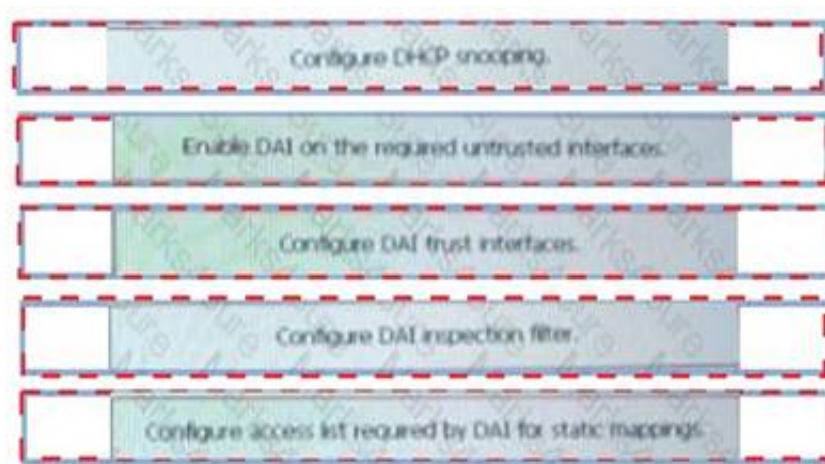
Configure DAI inspection filter.

Configure DHCP snooping.

- A. Mastered
- B. Not Mastered

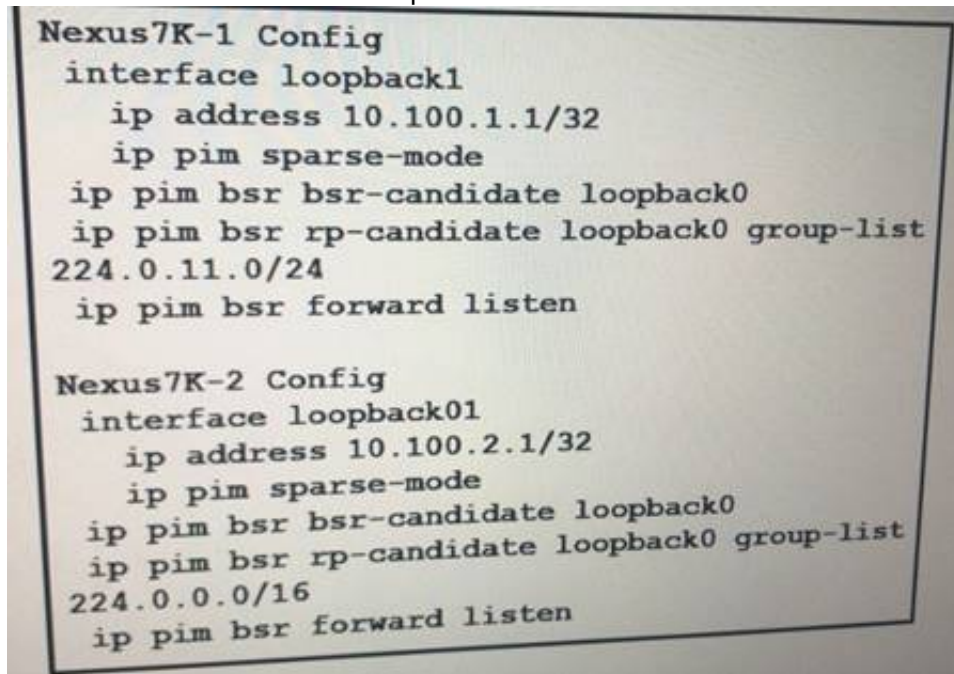
Answer: A

Explanation:



NEW QUESTION 6

Refer to the exhibit Which description of the result is true?



- 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 7

One of your Cisco Nexus Series interfaces has become errdisabled with the error message "DCX-No ACK in 100 PDUs". How often are these acknowledgements exchanged?

- A. 15 seconds
- B. 30 seconds
- C. 45 seconds
- D. 60 seconds

Answer: B

NEW QUESTION 8

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 9

Which CLI command can tell which switch is on the other side of port channel 2 that is trunking VSAN 5?

- A. show topology vsan 5
- B. show interface port-channel 2 trunk vsan 5
- C. show interface port-channel 2 vsan 5 peer-info
- D. show fcs vsan 5
- E. show fspf database vsan 5 interface port-channel 2

Answer: A

NEW QUESTION 10

Which option is a best practice that should be followed When replacing a CISCO Nexus 5000 Series switch in a vPC topology?

- A. Connect a dual-homed Fabric Extender topology fabric port to the replacement switch.
- B. Ensure that the vPC role priority of the replacement switch is equal to the existing switch.
- C. Obtain the configuration from the peer switch if the configuration synchronization feature was enabled.
- D. Ensure that the vPC role priority of the replacement switch is better than the existing switch

Answer: C

NEW QUESTION 10

What the default MTU size of a VMware host?

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

Answer: B

NEW QUESTION 15

Which two statements are true regarding vPC configuration? (Choose two.)

- A. With vPC, there are no blocked ports.
- B. vPC uses hash-based EtherChannel load balancing.
- C. There are STP-blocked redundant links.
- D. There is VLAN-based load balancing.
- E. There is higher oversubscription.

Answer: AB

NEW QUESTION 18

When configuring LLDP on Cisco Nexus 5548 Switch, what is the purpose of LLDP hold time global configuration command?

- A. LLDP holdtime option is to set the length of time in milliseconds that a device should save LLDP information received before discarding it.
- B. LLDP holdtime option is to set the length of time in seconds that a device should save LLDP information received before discarding it.

- C. LLDP holdtime option is to set the length of time in milliseconds to wait before performing LLDP initialization on any interface.
D. LLDP holdtime option is to set the length of time in seconds to wait before performing LLDP initialization on any interface.

Answer: B

NEW QUESTION 22

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 suspending or deleting VSANs, which three statements are true? (Choose three.)

- A. You can delete only one VSAN at a time.
B. You must wait 60 seconds after you enter the vsan suspend command before you enter another command.
C. You must wait 120 seconds after you enter the vsan suspend command before you enter another command.
D. You can unsuspend only one VSAN at a time.
E. You can delete multiple VSANs as long as they are in the same domain.
F. You can delete multiple VSANs as long as they are in the same zone.

Answer: ABD

NEW QUESTION 27

A switch is configured with the following command: switch(config)# aaa authentication login default group tacacs+
What occurs when an AAA login authentication request fails to communicate with any of the servers in the group?

- A. The authentication request fails.
B. The local database is used for authentication.
C. The authentication request is successful.
D. A server in another server group is used, if present.

Answer: A

NEW QUESTION 31

A customer is deploying multihop FCoE in its network. Which guideline must the customer follow with respect to VE ports to make this deployment possible?

- A. Auto mode on the vFC interface is supported.
B. VE-port trunking is supported over FCoE-enabled VLANs.
C. VE-port interface binding to MAC addresses is supported.
D. A VE port is disabled for trunk mode by default.

Answer: B

NEW QUESTION 32

You are no longer seeing updates to the device-aliases database on your Cisco Nexus 5596UP Switch. Which command is useful to determine if the scope of Cisco Fabric Services application distribution was being administratively limited?

- A. N5K2# show cfs region
B. N5K2# show cfs scope
C. N5K2# show cfs locale
D. N5K2# show cfs acl
E. N5K2# show cfs firewall

Answer: A

NEW QUESTION 33

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 36

There is an ARP storm in VDC 1. Some users on VDC 2 notice that ARP is not resolving for their gateway on the Cisco Nexus core. What is the cause?

- A. The ARP CoPP class committed information rate is exceeded, resulting in ARP loss in all VDCs.
- B. The administrator has not correctly configured the ARP CoPP class in VDC 2.
- C. The ARP traffic in VDC 1 is copied to the host ports in VDC 2, causing overutilization and output discards.
- D. Because the ARP process in the default VDC (VDC 1) is responsible for processing ARP traffic for all VDCs, VDC 2 will be affected.

Answer: A

NEW QUESTION 39

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 40

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 44

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 46

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 49

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 53

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 54

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 58

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 63

Which 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-identifier
- B. otv extend-vlan
- C. otv site-vlan
- D. otv use-adjacency-server unicast-only

Answer: A

NEW QUESTION 68

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 70

Refer to the exhibit.


```

Last clearing of "show interface" counters never
30 seconds input rate 0 bits/sec, 0 packets/sec
30 seconds output rate 0 bits/sec, 0 packets/sec
Load-Interval #2: 5 minute (300 seconds)
  input rate 0 bps, 0 pps; output rate 0 bps, 0 pps
RX
  0 unicast packets  0 multicast packets  0 broadcast packets
  0 input packets  0 bytes
  0 jumbo packets  0 store suppression bytes
  0 runs  0 giants  0 CRC  0 no buffer
  0 input error  0 short frame  0 overrun  0 underrun  0 ignored
  0 watchdog  0 bad etype drop  0 bad proto drop  0 if down drop
  0 input with dribble  0 input discard
  0 Rx pause
TX
  0 unicast packets  0 multicast packets  0 broadcast packets
  0 output packets  0 bytes
  0 jumbo packets
  0 output errors  0 collision  0 deferred  0 late collision
  0 lost carrier  0 no carrier  0 babble  0 output discard
  0 Tx pause
0 interface resets

HSH# show int el/15 transceiver
Ethernet1/15
  transceiver is present
  type is SFP-10GQBASE-T
  name is CISCO-METHODE
  part number is SP7041
  revision is D
  serial number is 00000N1C104502HG
  nominal bitrate is 1300 MBit/sec
  Link length supported for copper is 100 m
  cisco id is --
  cisco extended id number is 4

```

The output displays a failed SFP validation. What is the cause of the failure?

- A. The fiber is not connected to the SFP
- B. The SFP is not a valid Cisco SFP
- C. The speed needs to be changed to 10000,
- D. The speed needs to be changed to 1000

Answer: A

NEW QUESTION 75

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 78

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 80

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

Decommission	Rebuilds the connections to a server when the server is stuck in an unexpected state
Diagnostic Interrupt	Causes Cisco UCS Manager to send an NMI from the CIMC
Power Cycle	Causes Cisco UCS Manager to retain a portion of the information about a server for future use
Re-acknowledge	Causes entries for a specific server to be deleted from the UCS databases
Recover Server	
Remove	

- A. Mastered
- B. Not Mastered

Answer: A

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 81

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 83

Refer to the exhibit.

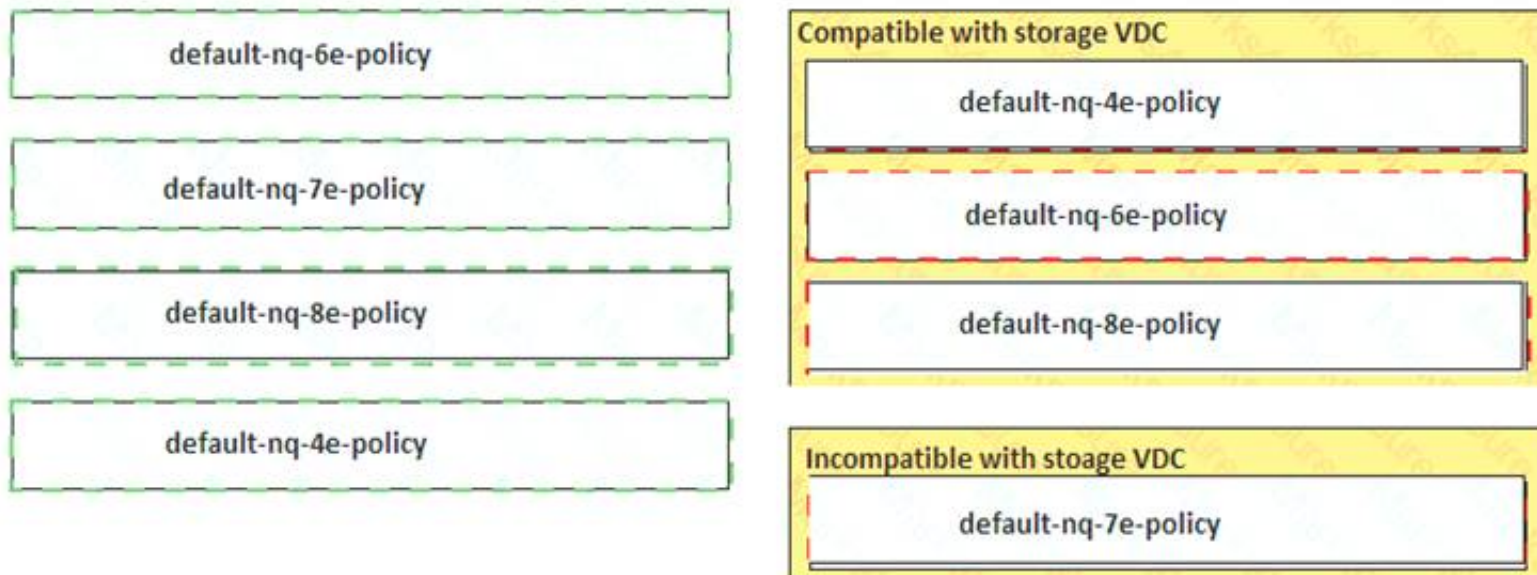
You are configuring a FCoE VDC on a Cisco Nexus 7000 Series Switch. You are required to identity compatible QoS policies for the FCoE VDC. Drag and drop the QoS policy names on the left to their correct compatibility categories on the right.

default-nq-6e-policy	Compatible with storage VDC
default-nq-7e-policy	
default-nq-8e-policy	
default-nq-4e-policy	Incompatible with stoage VDC

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 85

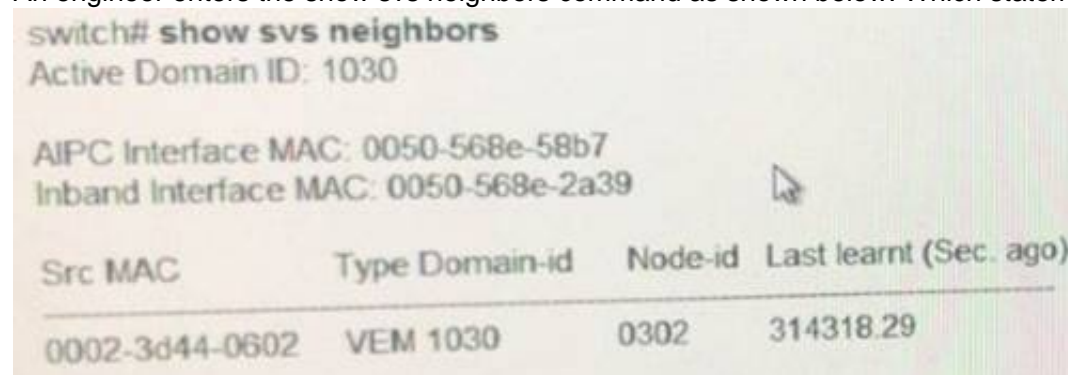
A customer reports that a 10-Gb interface between a Cisco Nexus 7009 Switch and a Cisco Nexus 5548UP Switch is not passing traffic. The Nexus 7009 interface indicates up/up. The Nexus 5548UP interface indicates up/down. Which feature should you enable to help isolate the root cause?

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

Answer: C

NEW QUESTION 89

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 92

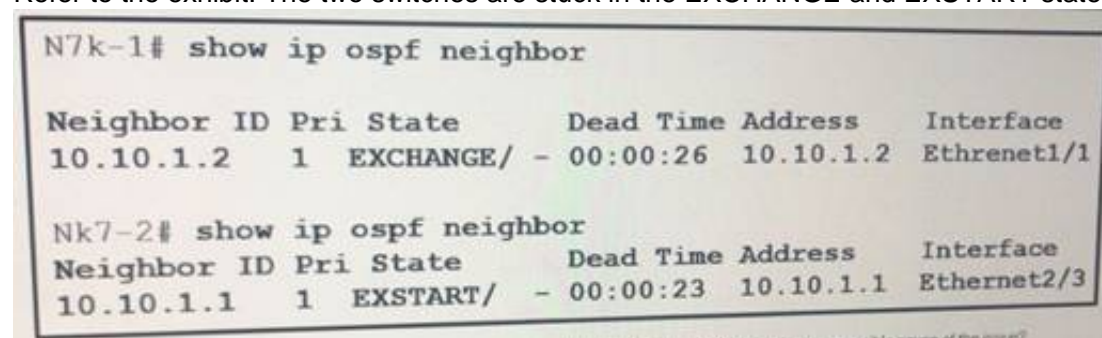
A customer reports that it cannot establish a vPC peer link between two Cisco Nexus 5548UP Switches. The interfaces on both switches are configured and cabled correctly. The interface status is up/down on switch 1 and up/up on switch 2. Which three steps are taken to isolate the root cause? (Choose three.)

- 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 94

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 99

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 102

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 106

Which two conditions can prevent vFC from coming up? (Choose two.)

- A. PFC is enabled.
- B. DCBX is disabled.
- C. LDP is disabled.
- D. vPC is enabled.
- E. VSAN trunking is enabled

Answer: BC

NEW QUESTION 110

Refer to the exhibit.


```
switch# show npv status

npiv is enabled

External Interfaces:
=====
Interface: fcl/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 114

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-   Type   Protocol Member Ports
Channel
-----
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 117

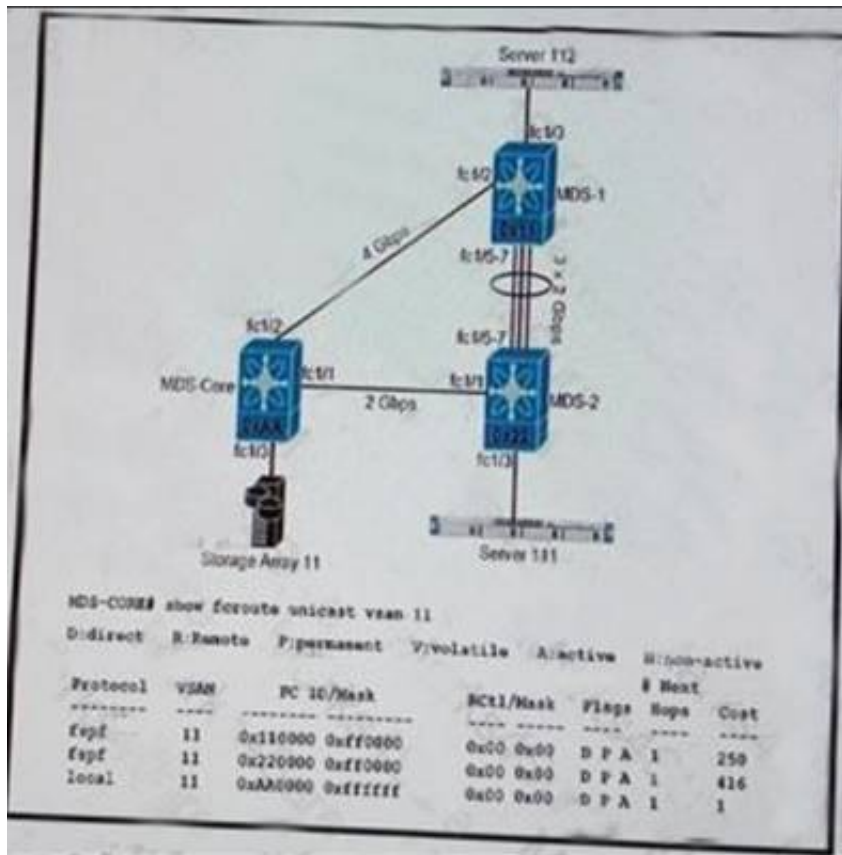
Which command do you to identify whether the ACI fabric discovered and the TEP addresses are assigned?

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

Answer: B

NEW QUESTION 119

Refer to the exhibit.



Your customer reports that all storage traffic from storage array 11 to server 111 is taking the longest path, traveling from MDS-1 to MDS-2. You start troubleshooting the issue by checking the Fibre Channel routing table. Which configuration set fixes the customer issues without affecting the storage array route of server 112?

- A. MDS-Core(config)# interface fc1/1MDS-Core(config-if)# fspf cost 90 vsan 11
- B. MDS-Core(config)# interface fc1/1 MDS-Core(Config-if)# cost 80 vsan 11
- C. MDS-Core(config)# interface fc 1/1MDS-Coe(config-if)# fspf cost 60 vsan 11
- D. MDS-Core(config)# interface fc1/1MDS-Core(config-if)# fspf cost 70 vsan 11

Answer: C

NEW QUESTION 120

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 124

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.
Zone set activation fails	The FSPF hello interval is misconfigured.

- A. Mastered
- B. Not Mastered

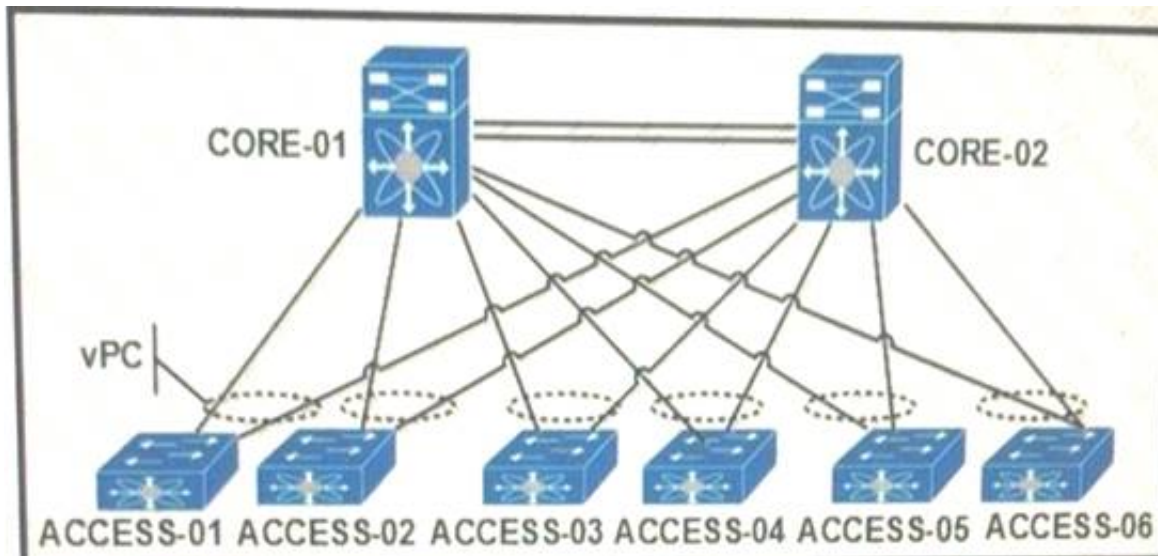
Answer: A

Explanation:

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

NEW QUESTION 125

Refer to the exhibit.



CORE-01 fails, which causes a three-second outage. You must improve spanning tree convergence. Which action do you take?

- A. Configure the STP root manually.
- B. Ensure that the RSTP root is also the vPC primary peer
- C. Configure the peer-switch command under the vPC domain
- D. Configure MST instead of RSTP

Answer: C

NEW QUESTION 129

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 132

You have a Cisco APIC environment. An administrator configures the administrator roles for managing a service configuration. You discover that some tenants can import device clusters but cannot use the device clusters. What should you do to ensure that the tenants can use the device clusters?

- A. Change the ready-only access permission for the tenants to read-write.
- B. grant the tenants the nw-svc-device privilege.
- C. Grant the tenant the nw-svc-devshared privilege.
- D. Grant the tenant the nw-svc-policy privilege.

Answer: D

NEW QUESTION 133

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 136

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 138

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 143

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. CFSofIP
- C. CFSofV
- D. CFSofE
- E. CFSofM

Answer: D

NEW QUESTION 146

A customer is troubleshooting FCoE in its network and sees pause counters increasing when it runs the command show interface eth1/5. What is the cause of this?

- A. The CNA connected to the switch is sending Xon or Xoff PFC frames.
- B. The HBA connected to the switch is sending Xon or Xoff PFC frames.
- C. Pause counters increase regularly; there is nothing to be concerned about.
- D. A firmware upgrade on the Fibre Channel adapter that is connected to the switch will fix this issue.

Answer: A

NEW QUESTION 149

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
```

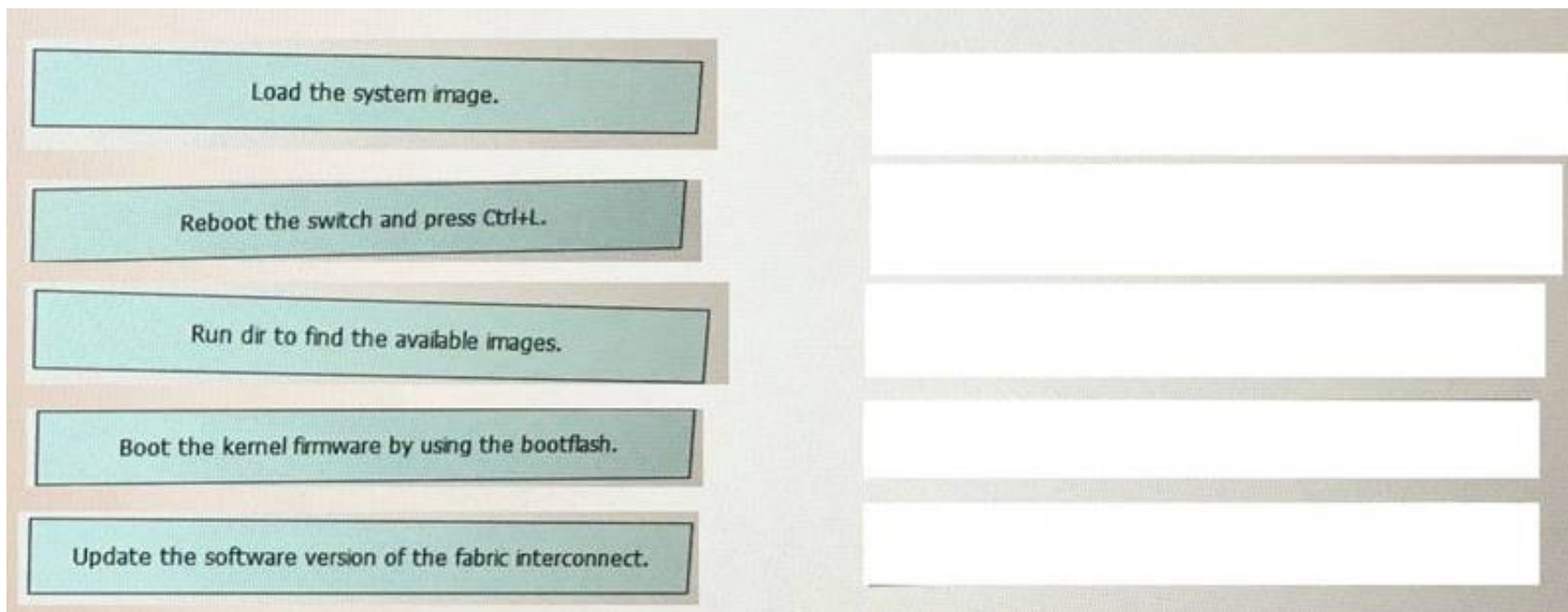
VSAN traffic is not being routed through SAN fabric. Which action is helpful to resolve the problem?

- 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 150

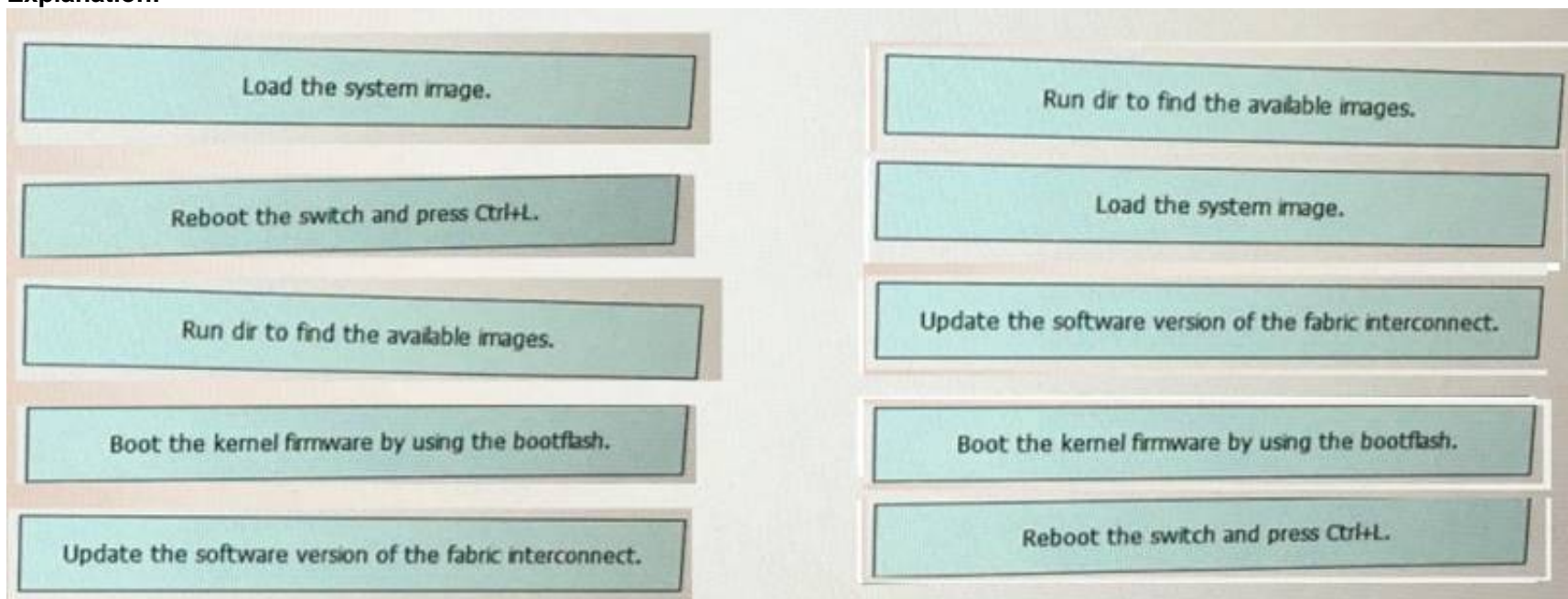
Two fabric interconnects fail during a Cisco UCS firmware upgrade. Drag and drop the recovery steps from the left into the correct order on the right.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 153

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 158

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 161

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 163

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 166

Which two statements are true regarding vPC?

- A. There is higher oversubscription
- B. STP is disabled.
- C. With vPC, there are no blocked ports
- D. There is VLAN-based load balancing.
- E. A peer link is required.

Answer: CE

NEW QUESTION 171

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 172

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 174

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	

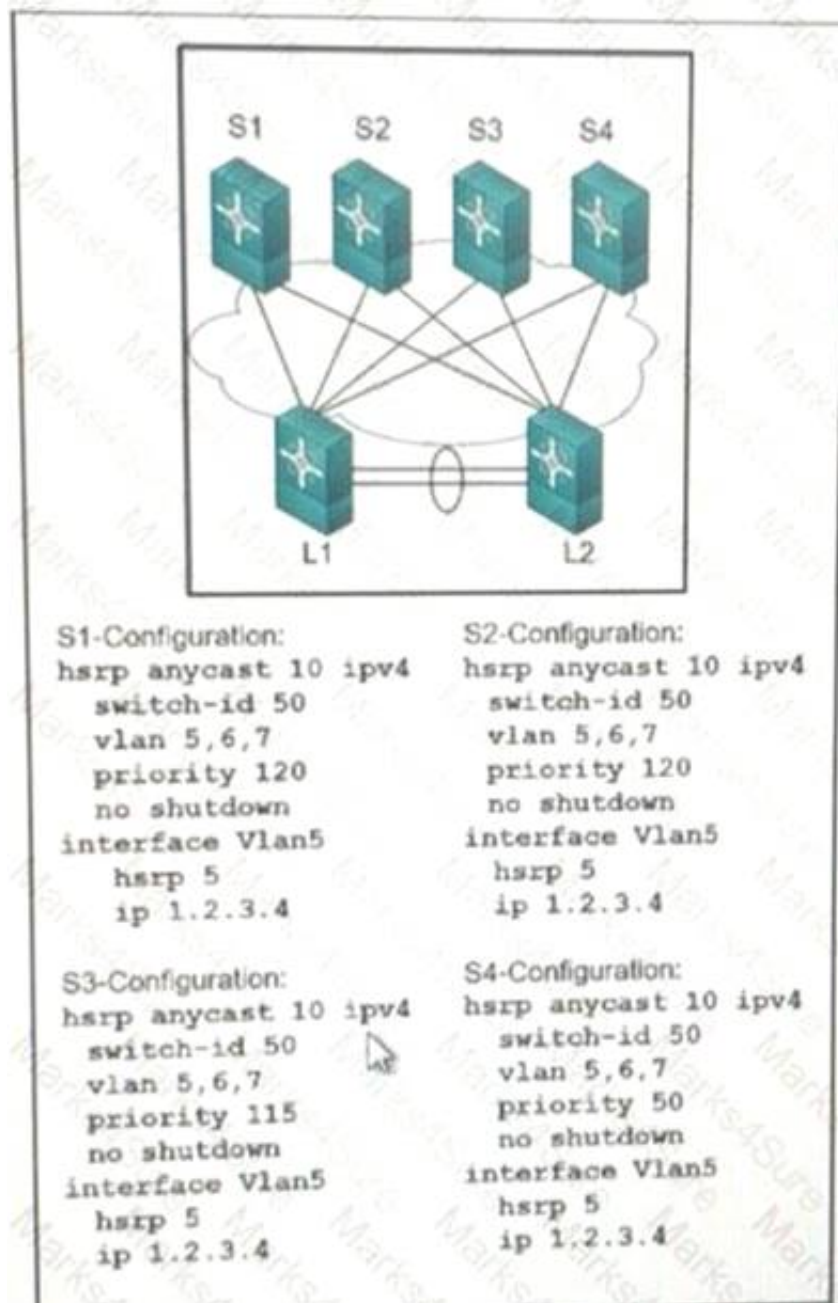
What command should you execute next in resolving a lock failure?

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

Answer: B

NEW QUESTION 175

Refer to the exhibit.



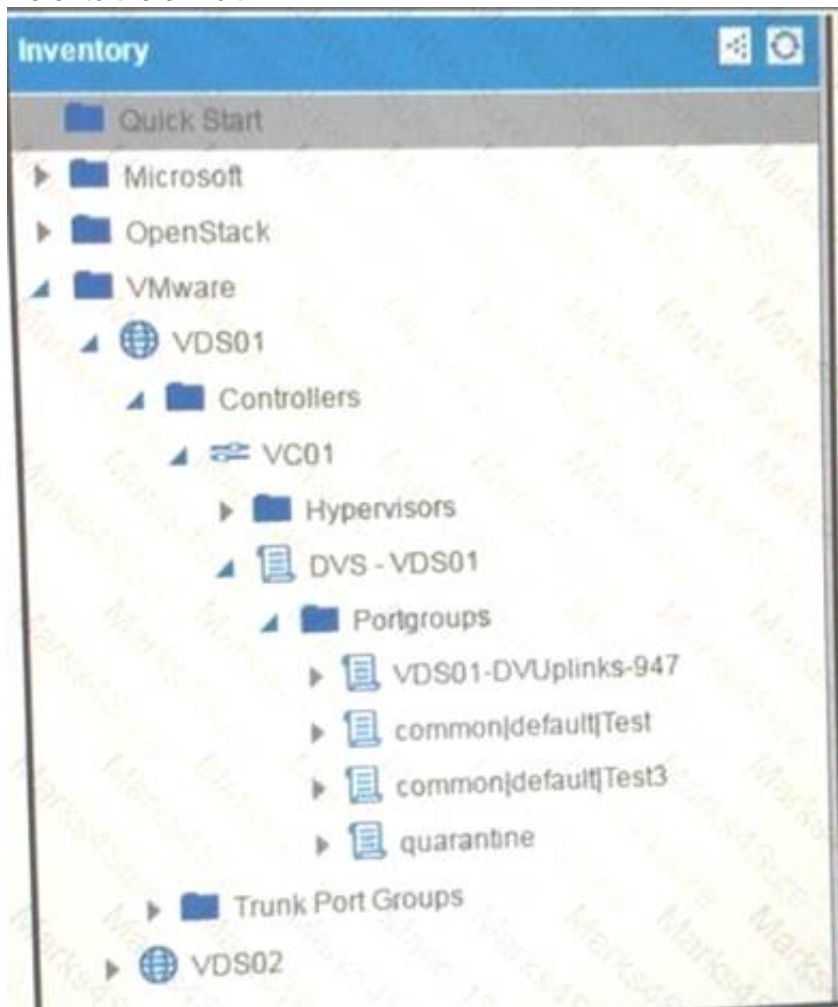
You are troubleshooting a Cisco FabricPath anycast HSRP configuration issue What is the cause of the issue?

- 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 176

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 181

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 186

What is the correct configuration for interface Ethernet 1/1 of a Cisco Nexus 5000 Series Switch when it is a member of port channel 101 connected to FEX 101?

- A. interface Ethernet1/1 switchport mode trunk switchport trunk native vlan 10switchport trunk allowed vlan 20,30fex associate 101channel-group 101
- B. interface Ethernet1/1 switchport mode fex-fabric channel-group 101
- C. interface Ethernet1/1 switchport mode access switchport access vlan 10 fex associate 101channel-group 101
- D. interface Ethernet1/1 switchport mode fex-fabric fex associate 101channel-group 101

Answer: D

NEW QUESTION 189

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 191

Refer to the exhibit.

```
switch#(config-if)# show interface ethernet 1/1
Ethernet1/1 is down (SFP validation failed)
switch#(config-if)# show interface status
```

Port	Name	Status	Vlan	Duplex	Speed	Type
Eth1/1	--	sfpInvali	1	full	1000	10g

You connect Cisco Nexus 5600 Series switches to Cisco Nexus 2200 Series Fabric Extenders by using FET-10G SFPs. Which command resolves the error that is

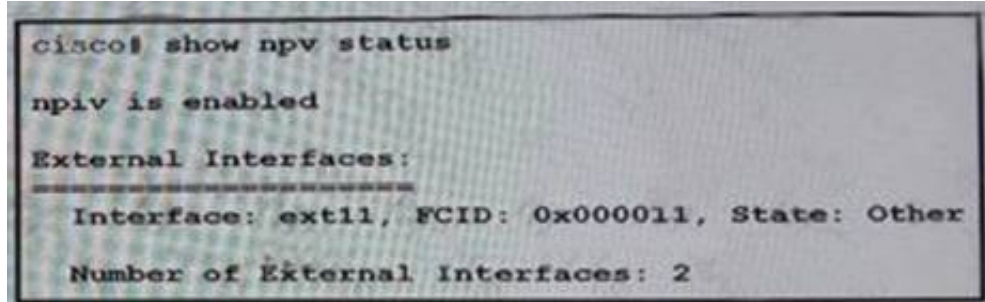
shown in the exhibit?

- A. switch#(config-if)# switchport mode dot1q tunnel trunk
- B. switch#(config-if)# switchport mode fex-fabric
- C. switch#(config-if)# switchport mode dynamic desirable
- D. switch#(config-if)# switchport mode fabricpath

Answer: B

NEW QUESTION 193

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 194

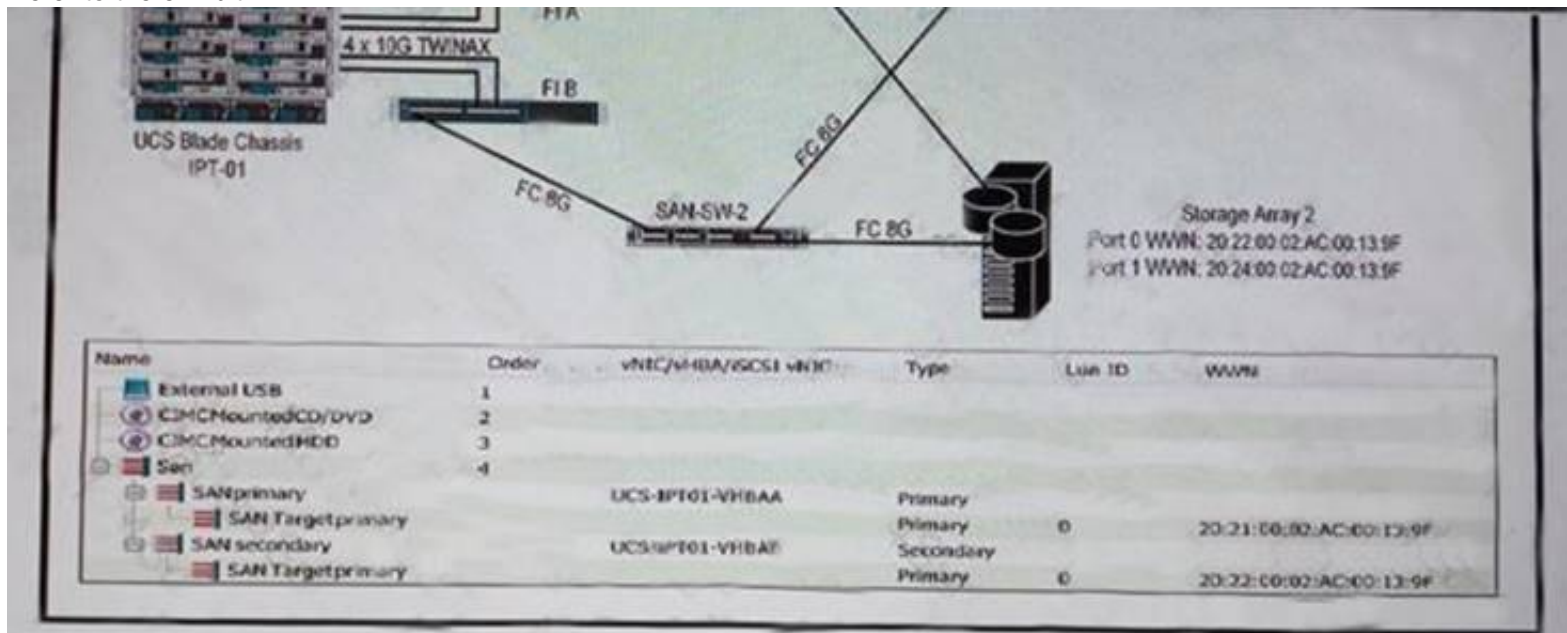
How can you identify the blade location when tracing server traffic?

- 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 197

Refer to the exhibit.



SAN-SW-1 has failed and must be replaced. Your client reports that all servers are booting from storage array 2 even though 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 201

Refer to the exhibit.

```
> # vncmd 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 (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 VEM MAC : 00:50:56:be:74:e1
Primary VSM PKT 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 VEM 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 OUPB: 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 is configured to use the incorrect VLAN.
- D. The active VSM is connected to the standby VSM.

Answer: A

NEW QUESTION 204

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
```

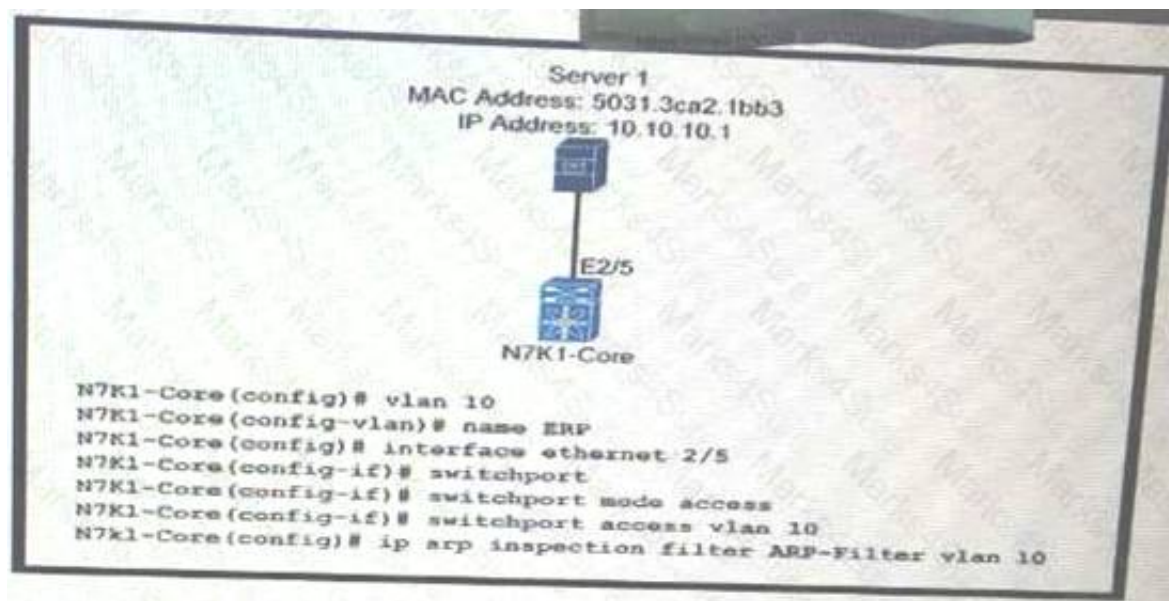
You cannot create a layer 3 port channel interface on the Cisco nexus 7000 Series switch to aggregate two links connected to the core switch. Which reason is the root cause of this problem?

- A. No unicast IPv4 route memory resource is 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 207

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 212

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 213

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 217

Refer to the exhibit.

```

CORE-7700-2(config-vdc)# vdc FC-CORE-SW2 type storage
CORE-7700-2(config-vdc)# allocate interface ethernet 7/24-32
  
```

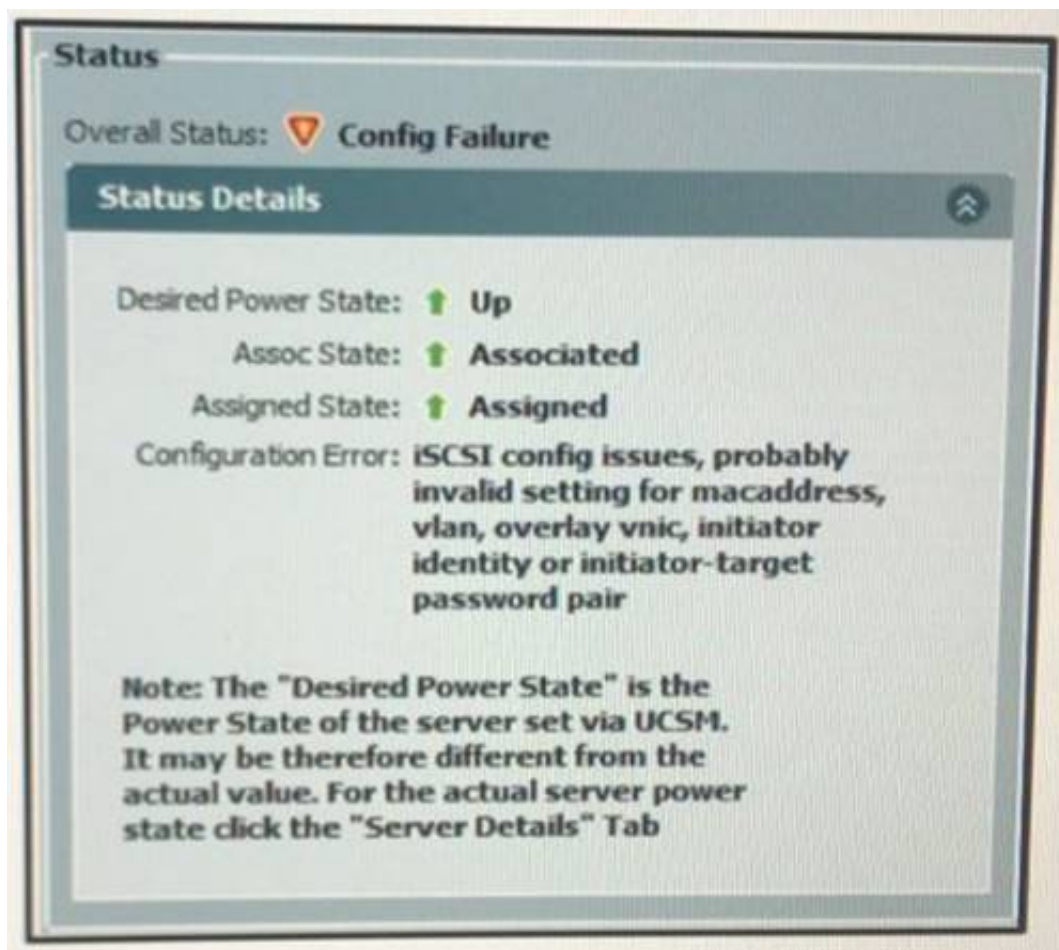
Which two connectivity options for interfaces Ethernet 7/24-32 are valid?

- A. FCoE interfaces that are shared among other VDCs
- B. FCoE interfaces that connect to a storage array
- C. Fibre Channel interfaces that connect to a storage array
- D. Fibre Channel interfaces that are shared among other VDCs
- E. FCoE interfaces that connect to a server

Answer: BE

NEW QUESTION 221

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 225

You are troubleshooting a port configuration. Interface e1/1 is configured by using port profiles. Which command do you run to view the actual command that were applied to interface e1/1?

- A. Show port-profile virtual usage
- B. Show run interface eth1/1 expand-port-profile
- C. Shows port-profile sync-status
- D. Show run interface eth1/1

Answer: C

NEW QUESTION 226

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 227

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 VPC
- D. no shutdown was issued on the interface.

Answer: B

NEW QUESTION 232

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 237

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 240

A customer reports that they are missing vPC peer link redundancy 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 two steps should be taken to isolate the root cause? (Choose two.)

- A. Swap the ends of the fiber-optic cable
- B. ask the customer if the link was ever functional
- C. determine whether the fiber-optic cable manufacturer is valid under the interoperability matrix
- D. swap the transceivers between the two interfaces
- E. determine Whether the fiber-optic cable type (single mode or multimode) matches the X2 modules

Answer: AD

NEW QUESTION 243

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 247

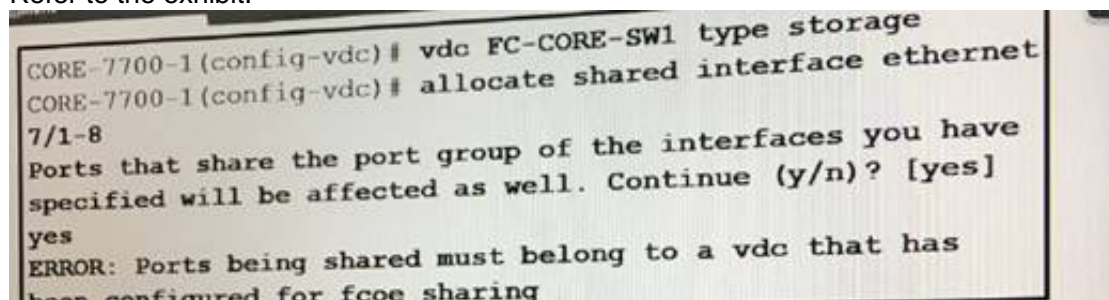
Which configuration command is critical in order for OTV edge devices to maintain an overlay adjacency with their local peers in a multihomed site via the join interfaces across the Layer 3 network domain?

- 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 252

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 255

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 257

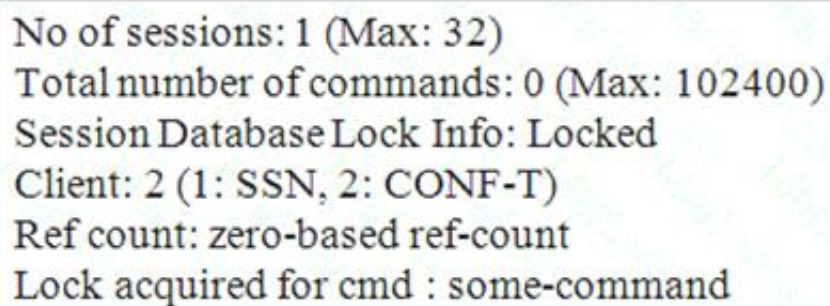
Which method does Cisco recommend for recovering a fabric interconnect when you have no working images on the bootflash?

- 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 260

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 263

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 267

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 272

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 274

Refer to the exhibit.


```
switch# show npv status

npiv is enabled

External Interfaces:
=====
Interface: fcl1/1, 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 275

Refer to the exhibit.

Interface	Role	Sts	Cost	Pri	Mr	Type
Po2	Desg	FWD	1	128	4097	(vPC peer-link) P2p
Po1100	Desg	FWD	1	128	5195	(vPC) Edge P2p
Po1101	Altn	BLK	1	128	5196	(vPC) Edge P2p
Po1102	Altn	BLK	1	128	5197	(vPC) Edge P2p
Po1103	Desg	FWD	1	128	5198	(vPC) Edge P2p
Po1104	Desg	FWD	1	128	5199	(vPC) Edge P2p
Po1105	Desg	FWD	1	128	5200	(vPC) Edge P2p
Po1501	Root	FWD	1	128	5596	(vPC) P2p

All the interfaces on the switch must forward traffic by using VLAN 701. Which action do you take?

- A. Enable the vPC on port channel 1101 and port channel 1102.
- B. Lower the switch priority such that it becomes the spanning tree root.
- C. Increase the switch priority such that it becomes the spanning tree root.
- D. Allow VLAN 701 on port channel 1101 and port channel 1102.

Answer: B

NEW QUESTION 277

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 281

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

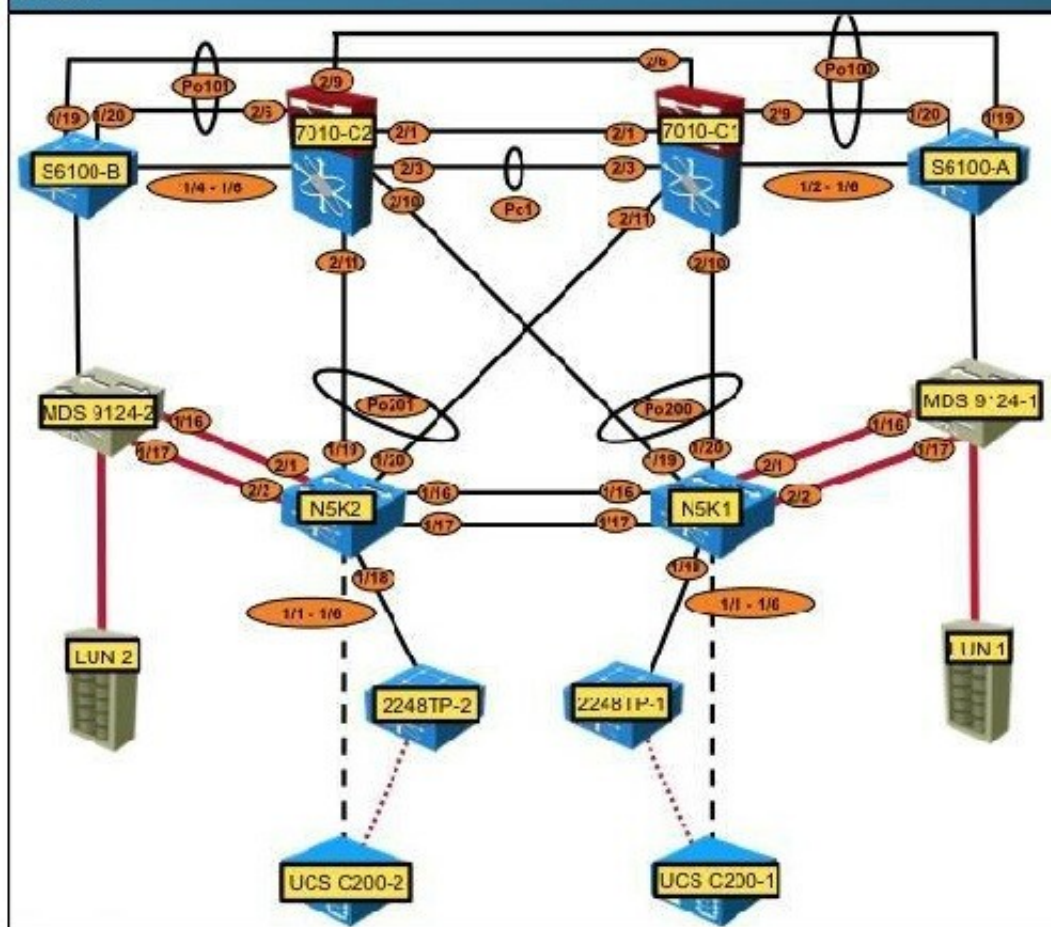
Instructions

- 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.

Exhibit1



7010-C1

7010-C1#

N5K2

N5K2#



- 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 285

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 289

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 290

A customer calls you to report that it receives an error when entering the pinning max-links 4 command in FEX configuration mode on its Cisco Nexus 5596T Switch. Which of these is a likely cause for this condition?

- A. The FEX fabric interface is down.
- B. The transceiver is incorrect.
- C. A fabric interface is in a port channel.
- D. The fabric interface switchport mode is set to Access.

E. Only two fabric interfaces are connected.

Answer: C

NEW QUESTION 293

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 296

You have three VDCs named VDC1, 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 297

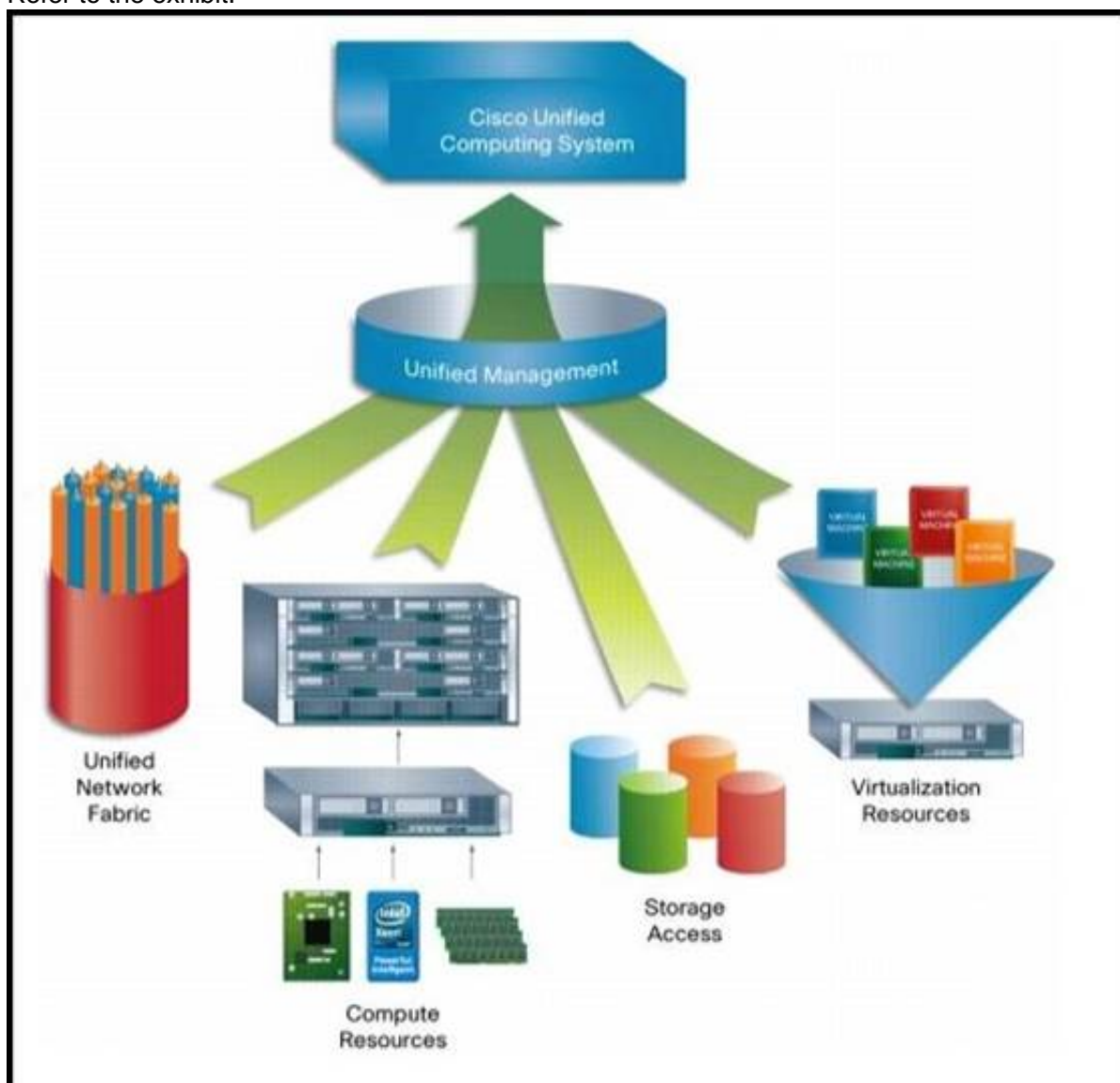
Why do the lists not contain the same switches, after you issue the commands show cfs peers name and show cfs merge status?

- A. The merge cannot occur until the VSAN IDs are synched.
- B. The Cisco Fabric Services fabric has a physical port fault that should be investigated.
- C. The fabric is partitioned into multiple Cisco Fabric Services fabrics.
- D. Cisco Fabric Services need to be restarted to see the new switches.
- E. ACisco Fabric Services database lock has prevented the merge.

Answer: C

NEW QUESTION 300

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 301

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 305

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 310

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 311

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 312

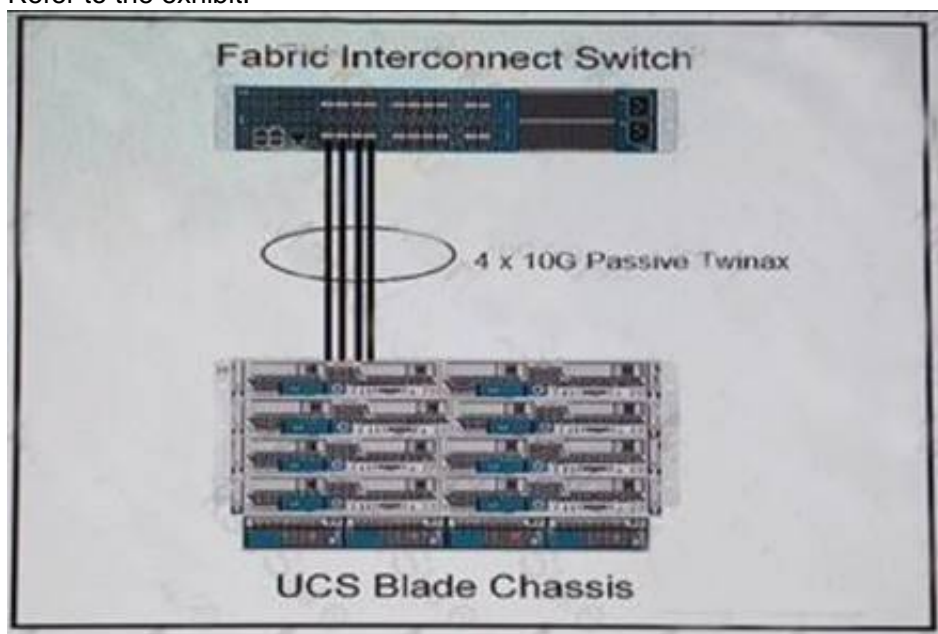
What happens to Copp after you perform an ISSSU?

- 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 314

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.

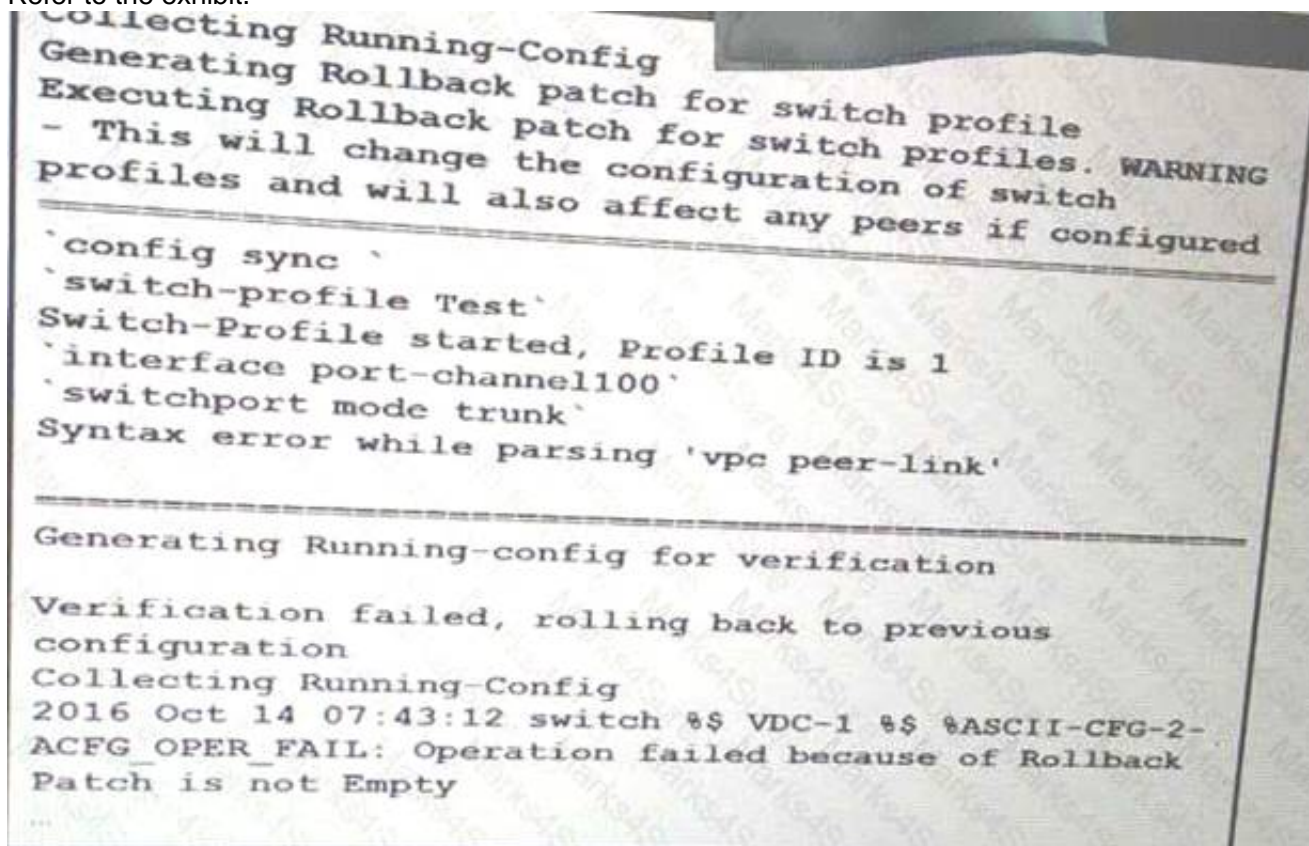
Which fact must you highlight in your survey that is required for a successful translation?

- 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 TWINAX cables must be placed within 5 meters of the end rack.
- D. Blade chassis must not be fully equipped with blades when using an end-of-rack setup.

Answer: C

NEW QUESTION 318

Refer to the exhibit.



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 vPC is not configured

Answer: C

NEW QUESTION 320

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