Cisco

Exam Questions 300-180

DCIT Troubleshooting Cisco Data Center Infrastructure (DCIT)
NEW QUESTION 1
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 2
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 3
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 4
Refer to the exhibit. After a boot policy is added, the profile stops working. Which option is a possible cause of the issue?

A. An iSCSI adapter is being on top of the vNIC
B. Both of the adapters from the fabric A and fabric B must be specified
NEW QUESTION 5
Refer to the exhibit.

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 6
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 7
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 8
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 9
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 10
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Which two protocols are important for DCBX to enable the 'no drop' classes that are needed for lossless transmission? (Choose Two.)

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

Answer: AE

NEW QUESTION 11
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 12
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 13
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 14
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 15
Refer to the exhibit.

Which statement about the topology is true?

A. Traffic to and from LAN clients is sent through the master router only.
B. Clients 1, Client 2, and Client 3 are configured to have the default gateway IP address of 10.0.0.1.
C. If Router A fails, the highest interface IP address backup router becomes the master.
D. Multiple VRRP groups are configured on each router.

Answer: A

NEW QUESTION 16
Refer to the exhibit.
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 17
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 18
After removing a VMM domain from an EPG, you discover that the associated virtual port groups remain in the VMware vCenter configuration. What causes the virtual port groups to persist in the configuration?

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

Answer: B

NEW QUESTION 19
You have enabled configuration synchronization between two Cisco Nexus 5548UP Switches. You create a port channel on switch 1 and determine that it was not synchronized with its peer. The peer switch can be pinged on the management VRF. When you check your peer status, you receive a "peer not reachable" message in the command output. What is the explanation for this?

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

Answer: D

NEW QUESTION 20
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 21
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