

Cisco

Exam Questions 300-615

Troubleshooting Cisco Data Center Infrastructure (DCIT)



NEW QUESTION 1

Refer to the exhibit. After a failover occurs, which two actions must be performed on Switch-B to manually preempt the operational primary role back to Switch-A? (Choose two.) A. Configure the local vPC role priority to have a lower value than Switch-A.

- A. Configure the local vPC role priority to have a higher value than Switch-A.
- B. Disable and then re-enable the vPC peer-keepalive link.
- C. Configure the local vPC role priority to have the same value as Switch-A.
- D. Disable and then re-enable the vPC peer link.

Answer: BE

NEW QUESTION 2

The Cisco Nexus switch is connected to a peer switch that is not running Cisco NX-OS. The switches are connected using port channel and are experiencing packet loss. Which action should be performed on the Cisco Nexus switch ports to resolve this issue?

- A. Turn on lACP suspend-individual.
- B. Turn on lACP graceful-convergence.
- C. Turn off lACP graceful-convergence.
- D. Turn off lACP suspend-individual.

Answer: C

NEW QUESTION 3

```

N9K-A
interface Vlan100
ip address 10.10.100.194/26
ip router eigrp 50
ip passive-interface eigrp 50
hsrp 100
authentication text pa$$word
preempt
priority 150
timers msec 500 msec 1000
ip 10.10.100.193
no shutdown

N9K-B
interface Vlan100
ip address 10.10.100.195/26
ip router eigrp 50
ip passive-interface eigrp 50
hsrp 100
authentication text pa$$word
preempt
priority 120
timers msec 300 msec 1500
ip 10.10.100.193
no shutdown

N9K-A# sh hsrp brief
*:IPv6 group  #:group belongs to a bundle
                P indicates configured to preempt.
Interface  Grp  Prio  P State  Active addr  Standby  addr  Group addr
Vlan100    100  150  P Active local          unknown  10.10.100.193  (conf)

N9K-B# sh hsrp brief
*:IPv6 group  #:group belongs to a bundle
                P indicates configured to preempt.
Interface  Grp  Prio  P State  Active addr  Standby  addr  Group addr
Vlan100    100  120  P Active local          unknown  10.10.100.193  (conf)

```

Refer to the exhibit. The HSRP instance on both switches is showing as active. Which action resolves the issue?

- A. Configure the HSRP timers to be the same.
- B. Allow VLAN 100 between the switches.
- C. Configure the IP address of N9K-B on the same subnet as N9K-A.
- D. Configure preempt on only one of the switches.

Answer: B

NEW QUESTION 4

An engineer is troubleshooting a fabric discovery failure. Which two requirements must an engineer verify about switch connectivity to solve the problem? (Choose two.)

- A. A Cisco APIC must be attached to a spine node only.
- B. A Cisco APIC must be attached to leaf nodes.
- C. Spine nodes must connect to other spine nodes.
- D. A Cisco APIC must be dual-attached to two separate spine nodes.
- E. Leaf nodes must connect to spine nodes only.

Answer: BE

NEW QUESTION 5

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

- A. Sw1 drops all traffic because there is no (S, G) OIF list to encapsulate VXLAN multicast packets and send them out to the underlay network through the uplink interfaces.
- B. Sw1 performs the VxLAN multicast encapsulation and decapsulation for all traffic associated with the VxLAN VNIs.
- C. Sw1 and switch 2 perform the VxLAN multicast encapsulation and decapsulation for all traffic associated with the VxLAN VNIs, depending on the hashing.
- D. Sw2 did not send an IP PIM register to the rendezvous point for the multicast group of the VXLAN VNI.

Answer: B

NEW QUESTION 6

A customer configures HSRP between two data centers that are interconnected with OTV. The configuration succeeds, but traffic between two ESXi virtual hosts on the same site is routed suboptimally through the OTV overlay. Which two actions optimize the traffic? (Choose two.)

- A. Disable first-hop redundancy.
- B. Filter HSRP traffic by using a Layer 3 VACL on the OTV edge devices.
- C. Filter HSRP by using a Layer 2 MAC-list on the ESXi vSwitch.
- D. Filter HSRP traffic by using a Layer 3 VACL on the ESXi vSwitch.
- E. Filter HSRP by using a Layer 2 MAC-list on the OTV edge devices.

Answer: AB

NEW QUESTION 7

An engineer removes a VMM domain from an endpoint group called EPG-1, but the distributed port group fails to be deleted. Which action must be taken to resolve the issue?

- A. Remove the port group manually.
- B. Migrate all virtual machines in the EPG-1 to different hypervisors.
- C. Remove the remaining EPGs from the VMM domain.
- D. Migrate all virtual machines in the EPG-1 to different port groups.

Answer: C

NEW QUESTION 8

DRAG DROP

An engineer is troubleshooting issues in Cisco UCS Director. Drag and drop the possible causes from the left onto the correct issues on the right. Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 9

Refer to the exhibit. A switch is being downgraded to an earlier release because of a problem with the current release. After the switch is downgraded, it can no longer forward traffic. Which action resolves the issue?

- A. Enable ISSD after the downgrade is complete.
- B. Roll back to the original image.
- C. Reload the switch.
- D. Shut and no shut the interfaces to the FEX.

Answer: B

NEW QUESTION 10

You have an ACI environment with three APICs, two spine switches, and four-leaf switches. You wipe and reboot all APICs first then leaf and spine switches one-by-one and successfully go through the Initial Setup dialogue on the APIC 1 CIMC KVM console. When you log in to the APIC1 WebGUI, you notice that you do not see any directly connected leaf switches being discovered under Fabric > Inventory > Fabric Membership. What is the cause of the issue?

- A. The leaf nodes were not erased properly, which caused a fabric parameters mismatch with the APIC1.
- B. Rebooting the APICs and the leaf and spine switches after wiping them is not required.
- C. You forgot to enter the TEP Pool value during the Initial Setup dialogue on APIC1.
- D. The same Fabric Name value should be used before after wiping all devices.

Answer: C

NEW QUESTION 10

An engineer must replace a failed memory on a Cisco UCS B-Series Blade Server. After the replacement was done, the server has a “resolve slot” warning. Which server maintenance action resolves the issue?

- A. Perform diagnostic interrupt on the server.
- B. Re-acknowledgement the server.
- C. Reset the server.
- D. Decommission the server.

Answer: B

NEW QUESTION 11

Refer to the exhibit. A new Cisco Nexus 5548 Switch connects to a network. SAN switching is configured on the switch. The switch fc2/10 NP uplink is shown in the exhibit. Which action ensures that fc2/10 is in an up state?

- A. Replace the SFP port module in fc2/10.
- B. Configure the admin port type E on the upstream switch that connects the port.
- C. Enable NPIV on the upstream switch that connects the port.
- D. Configure the BB_credit buffers on the upstream switch that connects the port.

Answer: C

NEW QUESTION 12

An engineer discovers that an NPV/NPIV uplink experiences a heavy load and plans to add more uplinks. Which statement about what occurs when the new uplinks are added is true?

- A. Only new connections use the new uplinks automatically.
- B. Paths must be defined before new connections can use the new uplinks.
- C. All connections must be reset before the new uplinks can be used.
- D. New and existing connections use the new uplinks automatically.

Answer: D

NEW QUESTION 16

```
FC0001# show zone active
zone name hba1_VN0001 vsan 3201
  fcid 0x970209 [pwwn 50:ab:0b:00:00:c2:8f:de]
* fcid 0x970102 [pwwn 20:ba:00:a0:98:3b:6f:d8]

zone name hba1_VN0002 vsan 3201
* fcid 0x970200 [pwwn 50:ab:0b:00:00:c2:8a:67]
  fcid 0x9700c2 [pwwn 20:ba:00:a0:98:3b:61:99]
```

Refer to the exhibit. The initiator that has FC ID 0x970102 fails to communicate with the target that has FC ID 0x970200. What action resolves the issue?

- A. Reconfigure the initiator and the target to be in the same zones.
- B. Reactivate the zoneset.
- C. Reset the port for FC ID 0x970102 and FC ID 0x970200 to log in to the fabric.
- D. Reset the port for FC ID 0x970209 and FC ID 0x9700c2 to log in to the fabric.

Answer: B

NEW QUESTION 18

A Fibre Channel interface on a Cisco Nexus 5000 Series Switch receives bit errors, and the switch disables the interface. A temporary workaround must be implemented before the root cause is identified. Which action does an engineer take to prevent this issue from reoccurring?

- A. Verify that the SFPs are supported.
- B. Change the SFP to operate at 4 Gbps instead of 2 Gbps.
- C. Run the shutdown and then no shutdown command on the interface.
- D. Run the switchport ignore bit-errors command on the interface.

Answer: D

NEW QUESTION 22

```
event manager applet config_monitor
event cli match "conf t"
action 1.0 snmp-trap strdata "User has entered into configuration mode"
```

Refer to the exhibit. The EEM script fails to send an SNMP trap when a user attempts to enter configuration mode. Which configuration is missing from the script?

- A. event statement
- B. event-default action statement
- C. policy-default action statement
- D. IP address of the SNMP server

Answer: D

NEW QUESTION 23

DRAG DROP

A firmware upgrade on a fabric interconnect fails. A bootflash contains a valid image. Drag and drop the recovery steps from the left onto the correct order on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 28

Refer to the exhibit. Cisco UCS Manager is being upgraded using the Auto Install feature, but the FSM fails. Which action resolves the issue?

- A. Acknowledge the primary fabric interconnect.
- B. Remove the service pack from the subordinate fabric interconnect.
- C. Clear the startup version of the default infrastructure pack.
- D. Upgrade the firmware of the infrastructure firmware by using the force option.

Answer: C

NEW QUESTION 29

```
N5k-A-199# sh install all impact system
N5000-uk9.7.1.4.N1.1.bin kickstart
N5000-uk9-kickstart.7.3.4.N1.1.bin
Verifying image bootflash:/n5000-uk9-
kickstart.7.3.4.N1.1.bin for boot
variable "kickstart".
[#####] 100% -- SUCCESS
Verifying image bootflash:/n5000-
uk9.7.1.4.N1.1.bin for boot variable
"system".
[# ] 0% -- FAIL. Return code 0x4045001F
(image MD5 checksum error).
Install has failed. Image verification
failed (0x40930011)
```

Refer to an exhibit. An engineer is troubleshooting an upgrade failure on a switch. Which action resolves the issue?

- A. Save the system image in NVRAM.
- B. Use the same system image as the kickstart image.
- C. Load a new system image.
- D. Reload the same system image.

Answer: C

NEW QUESTION 34

After upgrading a client's fabric interconnect to the latest version, an engineer discovers that the appliance has lost its entire configuration. Which two locations should an engineer check to confirm that the appliance had backed up the configuration prior to the upgrade in order to retrieve the lost configuration? (Choose two.)

- A. Equipment FSM page, InternalBackup stage
- B. Service profiles page, InternalBackup stage
- C. Admin page, PollInternalBackup stage
- D. Equipment FSM page, PollInternalBackup stage
- E. Admin page, InternalBackup stage.

Answer: AC

NEW QUESTION 39

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