



**Cisco**

**Exam Questions 300-615**

Troubleshooting Cisco Data Center Infrastructure (DCIT)

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#### 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

Refer to the exhibit. An OSPF adjacency between Router-A and Router-B cannot reach the FULL state. Which action resolves the issue?

- A. Adjust the MTU on Router-A to 1600.
- B. Disable the check of the MTU value.
- C. Set the OSPF media type to point-to-point.
- D. Adjust the MTU on Router-B to 1604.

**Answer:** B

#### NEW QUESTION 3

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 4

Refer to the exhibit. vPC between switch1 and switch2 is not working. Which two actions are needed to fix the problem? (Choose two.)

- A. Match vPC domain ID between the two devices.
- B. Configure IP address on the interface.
- C. Activate VLANs on the vPC.
- D. Configure vPC peer link and vPC peer keepalive correctly.
- E. Configure one of the switches as primary for the vPC.

**Answer:** AC

#### 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

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 7

An attempt to use a global vNIC redundancy template pair results in a service profile that fails to apply. Which action resolves the issues?

- A. Create the peer names before creating the templates.
- B. Assign the secondary template first, and then set the peer name.
- C. Assign both templates simultaneously.
- D. Assign the primary template first, and then set the peer name.

**Answer:** D

#### NEW QUESTION 8

An engineer attempts to register Cisco UCS Manager to Cisco UCS Central, but the registration fails. The engineer can ping Cisco UCS Central from UCS Manager. Which two actions must the engineer attempt to resolve the problem? (Choose two.)

- A. Synchronize the date and time to NTP for Cisco UCS Central and the Cisco UCS domains.
- B. Apply the UCS Central license to UCS Central.
- C. Place Cisco UCS Manager on the same subnet as Cisco UCS Central.
- D. Allow port 443 between Cisco UCS Manager and Cisco UCS Central.
- E. Allow port 9443 between Cisco UCS Manager and Cisco UCS Central.

**Answer:** AD

#### NEW QUESTION 9

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

DRAG DROP

Drag and drop the Cisco UCS SNMP fault types from the left onto the correct issues on the right.  
Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 10

Cisco Unified Computing System Manager raises a critical error message that indicates that the system has overlapping Ethernet and FCoE VLANs. All of the Ethernet traffic on the overlapping VLANs drops. Which action resolves the issue?

- A. Modify the VLAN assignment to vNICs.
- B. Change the PIN groups on the vHBAs.
- C. Modify the FCoE VLAN.
- D. Set the FCoE VLAN as the native VLAN on server uplinks.

**Answer:** A

#### NEW QUESTION 15

Refer to the exhibit. An engineer is performing a health check on ACI. Which statement about interface Ethernet 1/11 is true?

- A. The interface is working correctly and fully operational, but it is not in use.
- B. The interface policy is misconfigured.
- C. "out-of-service" is the default interface status in ACI.
- D. "out-of-service" indicates that no service graph is in use for this interface.

**Answer:** B

#### NEW QUESTION 17

An engineer is implementing a storage VDC, but fails. Which two prerequisites must be in place before a storage VDC is implemented? (Choose two.)

- A. M-Series module
- B. ESSENTIALS license
- C. STORAGE-ENT license
- D. FCoE license
- E. F-Series module

**Answer:** DE

#### NEW QUESTION 18

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 22

A server fails to boot from the operating system after a RAID1 cluster migration. The RAID remains in an inactive state during and after a service profile association. Which action resolves the issue?

- A. Configure the SAN boot target in the service profile.
- B. Configure the SAN boot target to any configuration mode.
- C. Use a predefined local disk configuration policy.
- D. Remove the local disk configuration policy.

**Answer:** C

#### NEW QUESTION 27

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 30

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 33

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 38

Refer to the exhibit. The EEM script overrides all events in the system policy. What should be added to the script to resolve the issue?

- A. event statement
- B. environment variable
- C. event-default action statement
- D. configure terminal action

**Answer:** A

#### NEW QUESTION 41

Refer to the exhibit. Partial configuration from N9K-1 and N9K-2 is included. The client has two WANs connected. WAN-1 is for normal business-day activities. WAN-2 is for server backups during nonworking hours of 1:00 a.m. to 5:00 a.m. daily. The client says that at the scheduled time for backup, the data center server failed to use the WAN-2 link to back up the servers to the cloud backup system. What is the solution to this problem?

- A. The event timer must be written in epoch time format.
- B. The Cisco Nexus switch must be configured with one applet because a configuration with two applets will fail.
- C. The Cron entry must be configured without double quotes.
- D. The applet called "Backup" must include an action to remove the current static route.

**Answer:** D

#### NEW QUESTION 43

Your client reports that many flaps and server cluster disconnects occur in their data center. While troubleshooting the issue, you discover a network attack hitting their Cisco Nexus 7000 Series Switches and determine that the source IP addresses are spoofed. Which first-line security solution resolves this issue?

- A. Dynamic ARP Inspection
- B. Unicast RPF
- C. IP Source Guard
- D. Storm Control

**Answer:** A

#### NEW QUESTION 48

A server administrator attempts to change the Cisco IMC KVM certificate to one signed by a private CA, but the certificate is not being accepted. What can cause this process to fail?

- A. using a certificate with a password-protected private key
- B. RSA encryption being used in the generation of the certificate.
- C. AES encryption being used in the generation of the certificate.
- D. public IP address of the Cisco IMC not being included in the SAN.

**Answer:** A

#### NEW QUESTION 49

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 53

An IOM fails during a firmware upgrade and is unresponsive. Which action recovers the module?

- A. Restore UCSM configuration from backup.
- B. Roll back to the previous firmware.
- C. Use AutoInstall to reinstall the firmware.
- D. From the peer IOM, reset the faulty module.

**Answer:** B

#### NEW QUESTION 58

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 62

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