

Exam Questions 300-615

Troubleshooting Cisco Data Center Infrastructure (DCIT)

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NEW QUESTION 1

A mission-critical server is connected to site A. Connectivity to this server is lost from site B because the MAC route is missing in the OTV VDC of the Nexus 7000 in site B due to MAC aging. Which action allows the flooding of the unknown unicast MAC on the Nexus 7000 in the OTV VDC?

- A. Use route-map to advertise this MAC statically and redistribute with ISIS.
- B. Unknown unicast flooding is not allowed.
- C. Use the otv flood mac <> command to selectively flood traffic for a given MAC.
- D. Use the otv isis bfd <> command to configure BFD protocol.

Answer: B

NEW QUESTION 2

Refer to the exhibit. The HSRP configuration in the exhibit fails to function. Which action resolves this issue?

- A. Enable IP redirects.
- B. Set the MTU to 1500 bytes.
- C. Configure HSRP version 2.
- D. Configure the same HSRP group on both devices.

Answer: A

NEW QUESTION 3

Refer to the exhibit. A network engineer has connected the Nexus switch management port to the Internet using DHCP to allow the Guest shell running on the switch to download Python packages. The engineer can ping google.com successfully from the Nexus switch, but the Guest shell failed to download any Python packages. Which action resolves the problem?

- A. Update the Python packages on the Cisco Nexus switch directly.
- B. Manually configure DNS in the Guest shell, even if it is claimed on the Cisco Nexus switch through DHCP.
- C. Manually configure NTP in the Guest shell.
- D. Connect Guest shell to data plane interfaces to be able to connect to the networks outside the Cisco Nexus switch.

Answer: B

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

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 7

Refer to the exhibit. HSRP adjacency fails to form between Nexus7K-1 and Nexus7K-2. Which action should be taken to solve the problem?

- A. Configure preempt on one of the switches in the HSRP group.

- B. Configure the same HSRP priority between the two switches.
- C. Configure the correct subnet mask on Nexus7K-1.
- D. Configure HSRP version 2 on Nexus7K-2.

Answer: D

NEW QUESTION 8

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 9

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 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

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 14

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 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 20

Refer to the exhibit. An engineer is troubleshooting why user1, user2, and user3 from group STORAGE-ADMINISTRATOR in Microsoft Active Directory cannot log in to the Cisco MDS SSH CLI. Which action resolves the issue?

- A. Configure the role name to match the group name on Microsoft Active Directory.
- B. Include specific users into MDS role configuration.
- C. Configure SSH logins on Cisco MDS switch.
- D. Integrate Cisco MDS with Microsoft Active Directory.

Answer: A

NEW QUESTION 23

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 28

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 30

Refer to the exhibit. When an engineer inserts 8-Gb FC SFP port 15 on a Cisco UCS Fabric Interconnect, the port fails. What is a possible cause of the issue?

- A. Port 15 is configured as an Ethernet port.
- B. Port 15 is configured for 4-Gb FC.

- C. Port 15 is missing a license.
- D. The polarity of the fiber cable is reversed.

Answer: B

NEW QUESTION 32

An engineer is troubleshooting a failed DCBX exchange between a server and a Cisco Nexus switch. Which action allows DCBX to successfully negotiate?

- A. Enable ETS
- B. Enable PFC.
- C. Enable Cisco Discovery Protocol.
- D. Enable LLDP.

Answer: D

NEW QUESTION 34

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 35

One of Cisco Nexus Series interfaces has become errdisabled with the error message "DCX-No ACK in 100 PDUs". What is the cause of this error?

- A. The host has not responded to the Control Sub-TLV DCBX exchanges of the switch.
- B. The acknowledgement number in the server response has not incremented for 100 exchanges.
- C. Cisco Discovery Protocol is disabled on the switch.
- D. LLDP is disabled on the switch.

Answer: B

NEW QUESTION 36

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 38

A fabric interconnect fails to start and the console displays the loader prompt. Which two actions resolve the issue? (Choose two.)

- A. Load an uncorrupt bootloader image.
- B. Load an uncorrupt kickstart image.
- C. Reconnect L1/L2 cables between the Fis.
- D. Reformat the fabric interconnect.
- E. Load the correct version of the boot image.

Answer: BE

NEW QUESTION 39

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 43

Refer to the exhibit. An engineer is investigating a role mapping issue on a switch. The users report that they cannot view the IP addresses under the tenant "corp". Which action resolves the issue?

- A. Add the users to the RADIUS server.
- B. Update the UNIX ID.
- C. Configure the correct secret password between the APIC and the RADIUS server.
- D. Add the updated avpair to include/corp/admin/

Answer: C

NEW QUESTION 44

An upgrade of protected RPMs from the Bash shell did not take effect. Which action is required for the changes to take effect?

- A. Restart the Bash shell.
- B. Reload the switch.
- C. Upgrade the RPMs from the Guest shell.
- D. Disable and reenabling the Bash feature.

Answer: D

NEW QUESTION 45

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 48

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 53

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