



Cisco

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 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 3

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 4

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 5

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 6

Refer to the exhibit. Interface fc1/5 is offline. Which action should be taken to troubleshoot the issue?

- A. Activate the correct zoneset for VSAN 100.
- B. Update the FLOGI database to contain the FLOGI entries for interface fc1/5 in VSAN 100.
- C. Update the FCNs database to contain names for VSAN 100.
- D. Configure the upstream ports and the server ports to be in VSAN 100.

Answer: D

NEW QUESTION 7

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 8

Refer to the exhibit. An engineer is configuring boot from iSCSI on a Cisco UCS B-Series Blade Server, but the LUN fails to mount. Which action resolves the issue?

- A. Statically configure the target information in the Boot Policy.
- B. Configure an MTU size of 9000 on the appliance port.
- C. Configure a QoS policy on the vNIC.
- D. Set a connection timeout value of 250 in the iSCSI Adapter Policy.

Answer: A

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

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 10

DRAG DROP

Drag and drop the actions from the left onto the faults that they resolve on the right. Not all options are used.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

A user reports that they cannot reach from a UCS server to an FC Storage array. Which command is used to test communication between an FCF and a target?

- A. fcroute
- B. traceroute
- C. fcping
- D. ping

Answer: C

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 26

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 28

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 32

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. A network engineer configures an EEM script to get a syslog notification after a configuration change. This message appears when the engineer must make a new configuration to this switch. Which configuration did the engineer neglect to apply in the script for it to function properly?

- A. event cli match 'configure terminal'
- B. event policy-default count 1 time 100
- C. event syslog occurs 10
- D. action 2.0 event-default

Answer: D

NEW QUESTION 37

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 40

DRAG DROP

Drag and drop the commands from the left onto the correct categories on the right.
Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 43

A network administrator attempts to install an application in the Cisco NX-OS Guest shell and receives an error that there is not enough space on the disk. Which command must the administrator run to increase the disk space available in the Guest shell?

- A. guestshell growdisk rootfs [size-in-MB]
- B. guestshell pvextend rootfs [size-in-MB]
- C. guestshell resize rootfs [size-in-MB]
- D. guestshell resize2fs rootfs [size-in-MB]

Answer: C

NEW QUESTION 44

Refer to the exhibit. After the configuration is performed, guestshell continues to use 2%CPU. Which action resolves the issue?

- A. Resync the database
- B. Recreate the guestshell
- C. Reboot the guestshell
- D. Reboot the switch

Answer: C

NEW QUESTION 47

An engineer is troubleshooting a custom AV pair that was created by a client on an external authentication server to map a read-only role for a specific security domain. Which AV pair solves the problem?

- A. shell:domains=Security_Domain_1//Read_Role_1|Read_Role_2
- B. shell:domains=Security_Domain_1/Write_Role_1|Read_Role_2
- C. shell=Security_Domain_1/Read_Role_1|Read_Role_2
- D. shell:domains=Security_Domain_1/Read_Role_1|Read_Role_2

Answer: A

NEW QUESTION 51

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 54

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 55

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 60

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 61

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