

Cisco

Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies



NEW QUESTION 1

Which mroute state is created when Bidirectional PIM is deployed at a site?

- A. *.G
- B. MVPN Type-6
- C. MVPN Type-7
- D. S.G

Answer: A

NEW QUESTION 2

Refer to the exhibit.

Which statement about the default gateway configuration of the vPC is true?

- A. Either switch can act as the active default gateway.
- B. N7K-1 acts as the default gateway for all traffic.
- C. N7K-2 forwards traffic that is destined for the default gateway by using the peer link.
- D. N7K-2 acts as the default gateway for all traffic.

Answer: A

NEW QUESTION 3

Refer to the exhibit.

What must be connected to clear the HA NOT READY status?

- A. Layer 1-Layer 2 ports
- B. server chassis
- C. management ports
- D. network uplinks

Answer: B

NEW QUESTION 4

A small remote office is set to connect to the regional hub site via NSSA ASBR.
Which type of LSA is sent to the remote office OSPF area?

- A. type 7 LSA
- B. type 1 LSA
- C. type 5 LSA
- D. type 3 LSA

Answer: A

NEW QUESTION 5

Host1 is in VLAN100 located in DataCenter1 and Host2 is in VLAN200 located in DataCenter2.
Which OTV VLAN mapping configuration allows Layer 2 connectivity between these two hosts?

Answer: A

NEW QUESTION 6

Refer to the exhibit.

What is configured as a result of running these commands?

- A. loose unicast RPF
- B. strict unicast RPF
- C. IP Source Guard
- D. reverse lookup for outbound packets

Answer: B

NEW QUESTION 7

Which configuration implements static ingress replication?

- A.
- B.
- C.
- D.

Answer: D

NEW QUESTION 8

Refer to the exhibit.

A network engineer is setting up a multihomed OTV network. The first site has been set up with a primary and secondary adjacency server. Which configuration must be added on the remote OTV AEDs site? A.

Answer: C

NEW QUESTION 9

Refer to the exhibit.

Which result of running the command is true?

- A. Multicast traffic forwarding is suspended.
- B. MRIB is flushed.
- C. The PIM database is deleted.
- D. PIM join messages are suspended.

Answer: C

NEW QUESTION 10

Refer to the exhibit.

What is the reason the system-fm-vrrp checkpoint was created?

- A. The VRRP process crashed and the checkpoint was automatically created.
- B. The VRRP service restarted and the checkpoint was automatically created.
- C. The network administrator manually created it.
- D. The VRRP-enabled feature has been disabled.

Answer: D

NEW QUESTION 10

What is an advantage of streaming telemetry over SNMP?

- A. on-change traps sent to a receiver
- B. periodic push-based subscription messages
- C. periodic polling of the device status
- D. MD5-based authentication on polling

Answer: B

NEW QUESTION 15

A server engineer wants to control power usage on a Cisco UCS C-Series rack server down to the component level. Which two components support specific power limits? (Choose two.)

- A. storage controller
- B. network controller
- C. processor
- D. graphic card
- E. memory

Answer: AB

NEW QUESTION 18

An engineer wants to create a backup of Cisco UCS Manager for disaster recovery purposes.
What are two characteristics of a full state backup of a Cisco UCS Manager database? (Choose two.)

- A. contains all of the runtime states and statuses but not the configurations
- B. performs a complete binary dump of the database as a .bin file
- C. performs a complete binary dump of the database as a .sql file
- D. performs a complete binary dump of the database as a .txz file
- E. contains all of the configurations

Answer: BE

NEW QUESTION 23

An engineer is seeking the most optimal on demand CPU performance while configuring the BIOS settings of a UCS C-series rack mount server.
What setting will accomplish this goal?

- A. C6 Retention
- B. C6 non-Retention
- C. C2 state
- D. C0/C1 state

Answer: A

NEW QUESTION 27

Which two settings must be configured before enabling a Cisco UCS Manager domain for Cisco Intersight connectivity? (Choose two.)

- A. SMTP servers
- B. SMTP reply-to address
- C. NTP servers
- D. syslog redirection
- E. DNS servers

Answer: CE

NEW QUESTION 29

A network engineer is adding a Cisco HyperFlex data platform to the Cisco Intersight management portal.
Which two components are required for Intersight to claim the Cisco HyperFlex data platform? (Choose two.)

- A. device FQDN
- B. device claim code
- C. device public IP address
- D. device ID
- E. device serial number

Answer: BD

NEW QUESTION 30

What is the benefit of adding Cisco HyperFlex Hardware Acceleration Cards to a HyperFlex deployment?

- A. increased compression efficiency
- B. increased network throughput
- C. GPU acceleration
- D. offline encryption acceleration

Answer: A

NEW QUESTION 34

DRAG DROP

An engineer deploys a custom guest shell rootfs onto multiple switches. Drag and drop the steps from the left into the correct order on the right. Export the Guest Shell rootfs.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 38

An engineer changed a configuration and must perform a rollback.
Which statement applies to a Cisco Nexus 5600 Series Switch?

- A. The configuration rollback functionality is disabled when FCoE is enabled.
- B. A system checkpoint is generated automatically when the running configuration is saved to NVRAM.
- C. A user who is assigned to the network-operator user role can perform a rollback.
- D. Errors are skipped when an atomic rollback type is triggered.

Answer: A

NEW QUESTION 43

Which two statements about the process at upgrading an EPLD on a Cisco MDS 9000 Series Switch are correct? (Choose two.)

- A. EPLDs can be upgraded only to the latest EPLD image.
- B. EPLD upgrades can be completed without powering down the module during the upgrade.
- C. An upgrade verification identifies the impact of each EPLD upgrade.
- D. The EPLDs for all the modules on a switch must be upgraded at the same time.
- E. EPLDs can be upgraded without replacing the hardware.

Answer: CE

NEW QUESTION 45

DRAG DROP

An engineer is configuring VNTag between a virtualized server and a Cisco Nexus 5500 Series switch. Drag and drop the configuration steps from the left into the correct order on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 46

Multiple roles are applied to a user on the Cisco MDS 9000 Series Switch.
Which statement is true?

- A. The last role assigned takes precedence over previous roles.
- B. Access to a command takes priority over being denied access to a command.
- C. Any commands that have conflicting settings between roles are denied.
- D. The first role assigned takes precedence over subsequent roles.

Answer: B

NEW QUESTION 47

Refer to the exhibit.

Which action must be taken before the maintenance policy can be committed?

- A. Specify a maintenance time by selecting a schedule.
- B. Associate a service profile to the maintenance policy.
- C. Set the soft shutdown timer to a specific time.
- D. Set the policy to apply the changes on the next reboot.

Answer: A

NEW QUESTION 52

What is an advantage of NFS as compared to Fibre Channel?

- A. NFS removes the impact of IP overhead.
- B. NFS enables thin provisioning for LUNs.
- C. NFS provides direct access to the underlying storage hardware.
- D. NFS provides the dynamic allocation of storage capacity.

Answer: B

NEW QUESTION 53

Which statement is true about upgrading the firmware on a Cisco MDS storage switch with dual supervisors?

- A. Supervisors can be upgraded independently to test the new firmware.
- B. The new firmware is loaded on the standby supervisor first.
- C. Both supervisors load the new firmware and then the active supervisor reboots.
- D. The standby supervisor must be offline before the firmware upgrade begins.

Answer: B

NEW QUESTION 57

A Cisco MDS 9000 Series Storage Switch has reloaded unexpectedly.
Where does the engineer look for the latest core dump file?

- A. /mnt/recovery
- B. /mnt/core
- C. /mnt/logs
- D. /mnt/pss

Answer: D

NEW QUESTION 61

An engineer must implement a Cisco UCS system at a customer site. One of the requirements is to implement SAN boot. The storage system maps the source WWPN to a unique LUN. Which method does Cisco recommend to configure the SAN boot?

- A. Define the vHBAs as bootable and leave the boot target definition empty.
- B. Create a SAN boot policy in which every initiator is mapped to a different target LUN.
- C. Define the vHBAs as bootable and leave the default values on the boot target definition.
- D. Create a SAN boot policy in which every initiator is mapped to the same target LUN.

Answer: D

NEW QUESTION 62

In an FCoE environment, for which two sets of data must an interface that implements the PAUSE mechanism always provision sufficient ingress buffer? (Choose two.)

- A. frames that were sent with high credit
- B. frames that were sent on the link but not yet received
- C. frames that were processed and transmitted by the transmitter after the PAUSE frame left the sender
- D. frames that were processed and transmitted by the transmitter before the PAUSE frame left the sender
- E. frames that were sent on the link and received

Answer: BD

NEW QUESTION 65

What are two types of FC/FCoE oversubscription ratios? (Choose two.)

- A. switch processing power to end-node processing power
- B. port bandwidth to uplink bandwidth
- C. server storage to end-node count
- D. edge ISL bandwidth to core ISL bandwidth
- E. host bandwidth to storage bandwidth

Answer: DE

NEW QUESTION 67

DRAG DROP

Drag and drop the characteristics from the left onto the correct storage systems on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 68

Refer to the exhibit.

An engineer is implementing zoning on two Cisco MDS switches. After the implementation is finished, E Ports that connect the two Cisco MDS switches become isolated. What is wrong with the implementation?

- A. Zones are local to the MDS switch and name service must be used to activate the connection between E Ports.
- B. Different zone set names must be configured on both MDS switches.
- C. Zones must have the same name on both MDS switches for the E Ports to function.
- D. E Ports on both MDS switches must be configured as F Ports for the zoning to function.

Answer: A

NEW QUESTION 69

Which statement about the MAC address that the FCoE Initialization Protocol chooses for use by an E-Node in an FCoE implementation is true?

- A. The FCoE Initialization Protocol uses a 24-bit FC-MAP and concatenates a 24-bit Fibre Channel ID to create a fabric-provided MAC address.
- B. The FCoE Initialization Protocol uses the burned-in MAC address of the converged network adapter for all FCoE operations.
- C. FCoE does not use a MAC address.
- D. The FCoE Initialization Protocol is used to acquire a Fibre Channel ID, and the address is used for all FCoE communications in the same way as Fibre Channel Protocol.
- E. The FCoE Initialization Protocol uses 01.00.0C as the first 24 bits of the MAC address and appends a 24-bit Fibre Channel ID to derive a full 48-bit FCoE MAC address.

Answer: AB

NEW QUESTION 74

Which two statements about modifying Cisco UCS user accounts are true? (Choose two.)

- A. Disabling a user account maintains all of the data in the Cisco UCS Fabric Interconnect.
- B. The admin account can be used to log on by using SSH only.
- C. The password of the user account must contain a minimum of 10 characters.
- D. Local user accounts override the same account on a remote authentication server, such as TACACS, RADIUS, or LDAP.
- E. The password of the user account expires in 30 days.

Answer: AD

NEW QUESTION 76

An engineer must ensure fabric redundancy when implementing NPV mode on a Cisco MDS 9000 Series Switch. Which action enables fabric redundancy?

- A. Use TE ports to connect to upstream switches.
- B. Add a port channel to upstream switches.
- C. Configure the NPV devices to use an external FLOGI database.
- D. Connect the NPV devices to multiple upstream switches.

Answer: B

NEW QUESTION 78

Which two methods are available to manage an ACI REST API session authentication when a user is unauthenticated? (Choose two.)

- A. POST to aaaUserLogin
- B. GET to aaaListDomains
- C. GET aaaRefresh
- D. DELETE to aaaLogout
- E. POST to aaaLogin

Answer: CE

NEW QUESTION 82

What is an advantage of using Ansible for automation as compared to Puppet and Chef?

- A. Ansible performs automation without installing a software agent on the target node.
- B. Ansible abstracts a scenario so that one set of configuration settings can be used across multiple operating systems.
- C. Ansible automates the enforcement of configuration settings.
- D. Ansible configures a set of CLI commands on a device by using NETCONF.

Answer: A

NEW QUESTION 83

What is required for using Ansible with HTTP/HTTPS protocol in a Cisco NX-OS environment?

- A. XML management interface
- B. SSH
- C. Open Agent Container
- D. NX-API

Answer: D

NEW QUESTION 86

Refer to the exhibit.

Why does the Python code for Cisco NX-API print an error message?

- A. The JSON is not a supported format for the NX-API.
- B. The "type" is wrong in the header of the request and should be "cli_conf"
- C. NX-API does not allow configuration for features via the requests module.
- D. The "type" is wrong in the body of the request and should be "cli_conf"

Answer: C

NEW QUESTION 88

An engineer is asked to modify an overridden policy by changing the number of FCNS database entries to 1500 and then generate a message. What Configuration will accomplish this task?

- A. event manager applet fcns_policyevent fcns entries max-per-switch 1500action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit action2.0 policy-default
- B. event manager applet fcns_policy override fcns_entries_max_per_switchaction 1.0 syslog priority errors "CNS DB entries have reached the EEM limit" action 2.0 policy-default
- C. event manager applet fcns_policy override fcns_entries_max_per_switchevent fcns entries max-per-switch 1500action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit
- D. event manager applet fcns_policy action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit action 2.0 event-default

Answer: C

NEW QUESTION 93

Refer to the exhibit.

An engineer configures a new application profile using REST API and receives this error message. Which method can be used before the application profile can be configured?

- A. GET to aaaListDomains
- B. POST to aaaRefresh
- C. POST to aaaLogin
- D. POST to aaaLogout

Answer: C

NEW QUESTION 96

An engineer is asked to manage a large-scale data center and collect information from multiple Cisco NX-OS devices using Cisco NX-OS Data Management Engine model.

Which technology should be used to accomplish this goal?

- A. NETCONF
- B. NX Yang

- C. NX-API REST
- D. JSON-RPC

Answer: C

NEW QUESTION 101

DRAG DROP

A network engineer must implement RBAC on Cisco MDS 9000 Series Multilayer Switches.

Drag and drop the Cisco MDS 9000 Series roles from the left onto the correct categories on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 104

An engineer must configure RBAC in Cisco UCS Manager in an existing data center environment.

Which two roles can be used to configure LAN connectivity policies? (Choose two.)

- A. server-profile
- B. network-admin
- C. operations
- D. enable
- E. admin

Answer: BE

NEW QUESTION 108

Port security is enabled on a Cisco MDS 9000 Series Switch.

Which statement is true?

- A. Port security can be enabled only globally and affects all VSANs.
- B. Any devices currently logged in must be added manually to the device database.
- C. Auto-learning is always enabled automatically when port security is enabled.
- D. Cisco Fabric Services must be disabled before enabling port security.

Answer: C

NEW QUESTION 111

An engineer is running an ACI fabric, has VMM integration with VMware vCenter, and wants to enable microsegmentation based on vCenter VM attributes. Which statement about microsegmentation is true?

- A. ACI does not support microsegmentation based on vCenter VM attribute
- B. You should use network attributes for microsegmentation.
- C. When enabled, microsegmentation performs distributed switching and routing on the ESXi hosts.
- D. Microsegmentation is supported only using AVE or AVS.
- E. An ACI microsegmented EPG automatically creates a port group with a private VLAN configured on a VMware vCenter distributed virtual switch.

Answer: D

NEW QUESTION 113

Which two authentication types does Cisco UCS Manager support when configuring authentication? (Choose two.)

- A. PAM
- B. local
- C. 802.1X
- D. Kerberos
- E. LDAP

Answer: BE

NEW QUESTION 115

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