Cisco

Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies

NEW QUESTION 1
DRAG DROP
An engineer is implementing NetFlow on a Cisco Nexus 7000 Series Switch.
Drag and drop the NetFlow commands from the left into the correct order they must be entered on the right.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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
The engineer must configure SPAN on a Cisco Nexus 5000 Series Switch to get a capture of the traffic from these applications for an in-depth packet analysis.
Which two SPAN characteristics must be considered? (Choose two.)

A. SPAN source ports can be monitored in multiple SPAN sessions.
B. The Ethernet, FC, vFC, port channel, SAN port channel can be used as SPAN source ports.
C. A SPAN source port cannot be a destination SPAN port.
D. Only Ethernet, FC, vFC, port channel port types can be used as SPAN source ports.
E. The rx/tx option is available for VLAN or VSAN SPAN sessions.

Answer: BC

NEW QUESTION 5
A customer has a requirement to deploy a cloud service and needs to have full control over the underlying OS, data and applications.
Which cloud model meets this requirement?

A. MaaS
B. PaaS

C. SaaS
D. IaaS

Answer: D

NEW QUESTION 6
Due to a major version change, an engineer must perform a software upgrade on a Cisco Nexus Series switch.
Which two technologies can be implemented to reduce disruptions to the network during the upgrade? (Choose two.)

A. vPC
B. HSRP
C. VDC
D. MLAG
E. PAgP

Answer: AC

NEW QUESTION 7
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 8
Which method must a network engineer use to upgrade the BIOS firmware or a Cisco UCS standalone C-Series rack- mount server?

A. Use the U-ACPI Interface.
B. Use the Cisco host upgrade utility.
C. Use the Cisco hardware upgrade utility.
D. Use the Cisco host firmware policy.

Answer: B

NEW QUESTION 9
Which action must be performed before renumbering a Cisco UCS chassis?

A. Run the shut and no shut command on the connected ports.
B. Move the chassis to new ports on fabric interconnect.
C. Decommission the chassis.
D. Re-acknowledge the chassis.

Answer: C

NEW QUESTION 10
An engineer is asked to use SaaS to manage Cisco computing.
Which two items are needed to accomplish the task? (Choose two.)

A. Intersight
B. UCS Central
C. Device/Claim ID
D. Node name/Serial Number
E. UCS Manager

Answer: AE

NEW QUESTION 10
An engineer is configuring a backup operation on the existing Cisco UCS environment using a logical configuration.
Which configuration is expected to be saved by using this backup type?

A. systems
B. roles
C. servers
D. service profiles

Answer: D

NEW QUESTION 13
An engineer is duplicating an existing Cisco UCS setup at a new site.
What are two characteristics of a logical configuration backup of a Cisco UCS Manager database? (Choose two.)

A. contains the configured organizations and locales

B. contains the VLAN and VSAN configurations
C. contains the AAA and RBAC configurations
D. contains all of the configurations
E. contains a file with an extension tgz that stores all of the configurations

Answer: BC

NEW QUESTION 16
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 19
An engineer must configure Cisco IMC server management NIC for autonegotiation.
Which setting should be selected?

A. shared LOM
B. Cisco card
C. dedicated
D. shared LOM EXT

Answer: C

NEW QUESTION 20
Where is the witness deployed in a two-node Cisco HyperFlex Edge deployment?

A. to the HyperFlex Edge two-node cluster
B. to Cisco Intersight
C. to a third-party cloud provider
D. to an additional server with network access to HyperFlex Edge

Answer: B

NEW QUESTION 22
Refer to the exhibit.

What is the result of this series of commands?

A. It reboots the server immediately.
B. It activates the firmware on the next adapter boot.
C. It updates the firmware on adapter 1/1/1 immediately.
D. It verifies the firmware update on the server.

Answer: B

NEW QUESTION 27
When the default firmware package is set to a new version, which type of policy determines the liming of server reboots during the firmware upgrade?

A. diagnostics
B. maintenance
C. local disk
D. BIOS

Answer: B

NEW QUESTION 28
Which command reduces the amount of time it takes to complete the ISSU on a Cisco Nexus 7000 Series Switch that has dual supervisor modules and two I/O modules?

A. install all epld bootflash:<image> parallel
B. install all kickstart <image> system <image> parallel
C. install all kickstart <image> system <image>
D. install all epld bootflash: <image>

Answer: B

NEW QUESTION 32
Which two statements about the process of performing an EPLD upgrade on a Cisco MDS 9000 Series Switch are true? (Choose two.)

A. The upgrade can be performed from the standby supervisor module.
B. The upgrade process disrupts only the module that is being upgraded.
C. The active supervisor can be upgraded.
D. If an upgrade is interrupted, the upgrade continues after a connection is restored.
E. Modules must be online to be upgraded.

Answer: AB

NEW QUESTION 34
Refer to the exhibit.

Which backup operation type does not include the Preserve Identities feature?

A. full state
B. all configuration
C. logical configuration
D. system configuration

Answer: C

NEW QUESTION 35
Refer to the exhibit.

What is a characteristic presented in the service profile of the UUID?

A. unique system generated
B. allocated from a UUID pool
C. vendor assigned
D. based on the hardware

Answer: B

NEW QUESTION 39
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 42
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 43
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 48
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 50
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 53
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 57
An engineer is implementing FCoE.
Which aspect of DCBXP on a Cisco Nexus switch affects this implementation?

A. It requires that LLDP transmit and LLDP receive are enabled on the FCoE interface.
B. It uses the Cisco Fabric Services protocol to exchange parameters between two peer links.
C. It provides the authentication of peers on the Cisco Nexus switch.
D. It always is enabled on 10/100-Mbps native Ethernet ports.

Answer: A

NEW QUESTION 58
Which statement about monitoring Fibre Channel traffic on a Cisco UCS 6332 Fabric Interconnect is true?

A. Fibre Channel traffic can be monitored only on one vHBA per server.
B. Fibre Channel traffic can be monitored as it is encapsulated as FCoE.
C. The monitoring of Fibre Channel traffic is limited to the default VSAN.
D. The destination port for monitoring must be an unassigned Fibre Channel port.

Answer: A

NEW QUESTION 63
An engineer is implementing NPV mode on a Cisco MDS 9000 Series Switch.
Which action must be taken?

A. NPIV must be enabled on the upstream switch.
B. The FCNS database must be disabled in the fabric.
C. A port channel must be configured to the upstream switch.
D. All switches in the fabric must be Cisco MDS switches.

Answer: A

NEW QUESTION 64
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 68
A customer has a requirement for an automation solution that supports periodically acquiring configuration from a centralized server and aligning UCS servers to their desired state. Which open-source tool meets this requirement?

A. SaltStack
B. Kubernetes
C. Puppet
D. Terraform

Answer: C

NEW QUESTION 70
An administrator needs to configure an automated policy to shut down a link when a given threshold is exceeded on MDS switch. Which feature needs to be used?

A. RMON
B. EEM
C. Call Home
D. Scheduler

Answer: B

NEW QUESTION 75
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 76
Which two components should be checked when a Cisco Nexus 9000 Series Switch fails to boot using POAP? (Choose two.)

A. POAP feature license
B. DHCP server to bootstrap IP information
C. image noted in the script file against switch bootflash
D. script signed with security key
E. TFTP server that contains the configuration script

Answer: BE

NEW QUESTION 79
A POAP-enabled Cisco Nexus switch will not enter POAP mode.
Which two conditions should be verified? (Choose two.)

A. No startup configuration is available.
B. The switch is in bootup process.
C. The license file is missing on the switch.
D. Bootflash must contain a special directory named POAP with poap.py file.
E. No Cisco NX-OS image is present on the bootflash.

Answer: AB

NEW QUESTION 81
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 83
Which feature must be enabled to support the use of JSON and XML encodings when a Cisco Nexus 7000 Series Switch is deployed?

A. Bash shell
B. NX-API
C. Open Agent Container
D. LLDP

Answer: B

NEW QUESTION 84
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 87
An engineer is enabling port security on a Cisco MDS 9000 Series Switch.
Which feature of enabling port security on a Cisco MDS 9000 Series Switch must be considered?

A. It can be distributed by using Cisco Fabric Services.
B. It authorizes only the configured sWWN to participate in the fabric.
C. It always learns about switches that are logging in.
D. It binds the fabric at the switch level.

Answer: A

NEW QUESTION 88
DRAG DROP
An engineer is implementing security on the Cisco MDS 9000 switch.
Drag and drop the descriptions from the left onto the correct security features on the right.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 93
An engineer has a primary fabric that is named UCS-A and a secondary fabric that is named UCS-B. A certificate request that has a subject name of sjc2016 for a keyring that is named kr2016 needs to be created. The cluster IP address is 10.68.68.68.
Which command set creates this certificate request?

A. UCS-A # scope keyring kr2016UCS-A /keyring # create certreq 10.68.68.68 sjc2016UCS-A /keyring* # commit-buffer
B. UCS-B # scope keyring kr2016UCS-B /keyring # create certreq ip 10.68.68.68 subject-name sjc2016 UCS- B /keyring* # commit-both
C. UCS-B# scope securityUCS-B /security # scope keyring kr2016UCS-B /security/keyring # set certreq 10.68.68.68 sjc2016UCS-B /security/keyring* # commit-both
D. UCS-A# scope securityUCS-A /security # scope keyring kr2016UCS-A /security/keyring # create certreq ip 10.68.68.68 subject-name sjc2016 UCS- A /security/keyring* # commit-buffer

Answer: D

NEW QUESTION 97
What is a feature of NFS?

A. zone-based access control
B. Kerberos-based security model
C. block-based file access
D. role-based access control

Answer: B

NEW QUESTION 99
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 100
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 105
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