

350-601 Dumps

Implementing and Operating Cisco Data Center Core Technologies

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NEW QUESTION 1

Which virtual MAC address is the default for HSRP version 2 group 10?

- A. 0000.5E00.0110
- B. 0000.0C9F.F00A
- C. 3716.1350.1C0A
- D. 0000.0C9F.F010

Answer: B

NEW QUESTION 2

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 3

Refer to the exhibit.

```
OTV-Site1# show otv
OTV Overlay Information
Site Identifier 0000.0000.0111
Overlay interface Overlay200
VPN name: Overlay200
VPN state: UP
Extended vlans: 178 2500-2563 (Total:65)
Join interface(s): Eth1/2 (20.1.1.1)
Site vlan: 1999 (up)
AED-Capable: Yes
Capability: Unicast-Only
Is Adjacency Server: Yes
Adjacency Server(s): 20.1.1.1/20.2.1.1
```

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.

- A. **interface Overlay200**
otv join-interface Ethernet1/2
otv extend-vlan 178. 2500-2563
otv use-adjacency-server 20.1.1.1 unicast-only
- B. **interface Overlay200**
otv join-interface Ethernet1/2
otv extend-vlan 178. 2500-2563
- C. **interface Overlay200**
otv join-interface Ethernet1/2
otv extend-vlan 178. 2500-2563
otv use-adjacency-server 20.1.1.1 20.2.1.1 unicast-only
- D. **interface Overlay200**
otv join-interface Ethernet1/2
otv extend-vlan 178. 2500-2563
otv adjacency-server unicast-only

Answer: C

NEW QUESTION 4

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 5

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 6

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 7

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 8

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 9

Which two hypervisors does Cisco HyperFlex support? (Choose two.)

- A. OpenStack
- B. Citrix XenServer
- C. VMware vSphere
- D. RedHat KVM
- E. Microsoft Hyper-V

Answer: CE

NEW QUESTION 10

Refer to the exhibit.

```
CISCO-UCS-A# scope org /
CISCO-UCS-A /org* # create service-profile Cisc01 instance
CISCO-UCS-A /org/service-profile* # set bios-policy bios1
CISCO-UCS-A /org/service-profile* # set boot-policy boot1
CISCO-UCS-A /org/service-profile* # set ext-mgmt-ip-state none
CISCO-UCS-A /org/service-profile* # set host-fw-policy ipmi-user987
CISCO-UCS-A /org/service-profile* # set identity dynamic-uuid derived
CISCO-UCS-A /org/service-profile* # set ipmi-access-profile ipmi1
CISCO-UCS-A /org/service-profile* # set local-disk-policy local1
CISCO-UCS-A /org/service-profile* # set maint-policy maint1
CISCO-UCS-A /org/service-profile* # set mgmt-fw-policy mgmt1
CISCO-UCS-A /org/service-profile* # set power-control-policy power1
CISCO-UCS-A /org/service-profile* # set scrub-policy scrub1
CISCO-UCS-A /org/service-profile* # set sol-policy soll
CISCO-UCS-A /org/service-profile* # set stats-policy stats1
CISCO-UCS-A /org/service-profile* # set user-label Cisco
CISCO-UCS-A /org/service-profile* # vcon-policy vconnpolicy
CISCO-UCS-A /org/service-profile* # commit-buffer
CISCO-UCS-A /org/service-profile #
```

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 10

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 15

DRAG DROP

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

Select and Place:

expensive and complex to manage	NAS
moderately expensive and simple to configure	
most resilient, highly scalable, and high-performance storage	
appliance providing file system access	
lacks scalability, performance, and advanced features	SAN

- A. Mastered
- B. Not Mastered

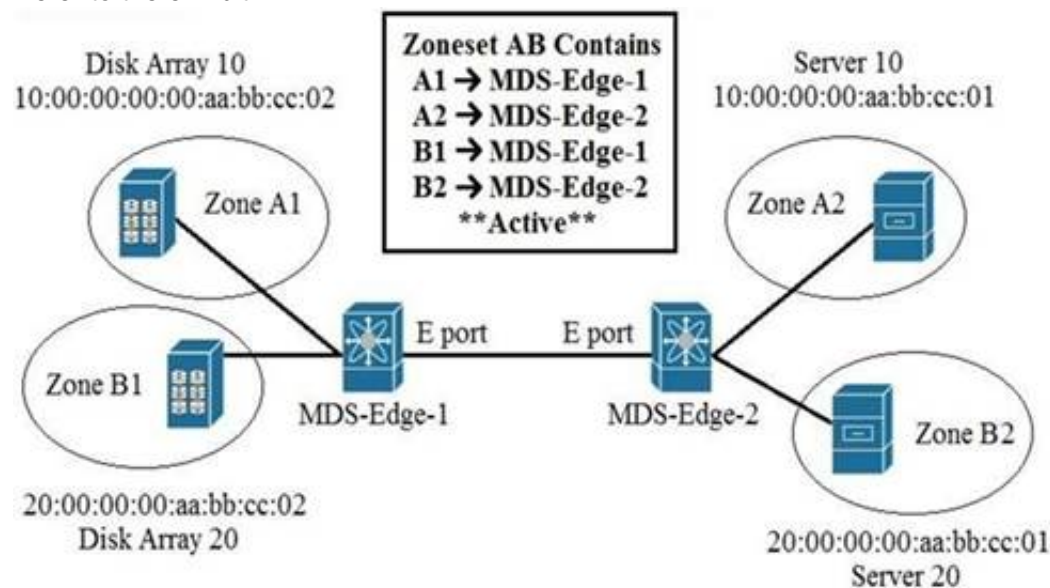
Answer: A

Explanation:

expensive and complex to manage	NAS
moderately expensive and simple to configure	lacks scalability, performance, and advanced features
most resilient, highly scalable, and high-performance storage	moderately expensive and simple to configure
appliance providing file system access	appliance providing file system access
lacks scalability, performance, and advanced features	SAN
	expensive and complex to manage
	most resilient, highly scalable, and high-performance storage

NEW QUESTION 16

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 19

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 23

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 28

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 31

An engineer is converting a Cisco MDS switch to support NPIV mode. What should be considered when implementing the solution?

- A. It requires mapping of external interface traffic.
- B. It must be enabled on VSAN 1 only.
- C. It must be enabled globally on all VSANs.
- D. It requires the FLOGI database to be disabled.

Answer: C

NEW QUESTION 35

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 39

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 41

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 45

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 50

Refer to the exhibit.

```
<?xml version="1.0" encoding="UTF-8"?><imdata totalCount="1"><error code="403" text="Token was invalid (Error: Token timeout)"/></imdata>
```

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 53

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 54

A network architect is asked to design and manage geographically distributed data centers across cities and decides to use a Multi-Site Orchestrator deployment. How many orchestrators should be deployed?

- A. 5
- B. 3
- C. 4
- D. 2

Answer: B

NEW QUESTION 55

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 60

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:

san-operator

global-admin

server-admin

storage-admin

network-admin

network-operator

System Defined

User Defined

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

san-operator	System Defined
global-admin	network-admin
server-admin	network-operator
storage-admin	server-admin
network-admin	
network-operator	User Defined
	san-operator
	storage-admin
	global-admin

NEW QUESTION 65

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 68

Refer to the exhibit.

The screenshot shows the 'User Services' configuration window. The 'Password Profile' section is expanded, showing the following settings:

- Change Interval: 48
- History Count: 5
- No Change Interval: 24
- Change Count: 2
- Change During Interval: ☒ Enable ☐ Disable

The 'Locally Authenticated Users' tab is selected, and a list of users is shown with 'admin' and 'test' visible. The 'test' user is highlighted.

Which setting must be configured to prevent the reuse of passwords?

- A. Change Interval
- B. No Change Interval
- C. History Count
- D. Change Count

Answer: C

NEW QUESTION 72

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