

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

Refer to the exhibit.

```
ACI-Leaf1# show ip route vrf DATACENTER:DC
10.20.1.0/24, ubest/mbest: 1/0, attached, direct, pervasive
  *via 10.0.8.65%overlay-1, [1/0], 4w3d, static
172.16.100.0/24, ubest/mbest: 1/0
  *via 10.1.168.95%overlay-1, [200/5], 3wod, bgp-132, internal, tag 132 (mpls-vpn)
172.16.99.0/24, ubest/mbest: 1/0
  *via 10.0.1.14, [20/0], 3wod, bgp-132, external, tag 200
```

Which two statements about the routing table of the leaf switch are true? (Choose two.)

- A. 10.20.1.0/24 is a BD subnet in ACI.
- B. The next hop 10.0.1.14 for route 172.16.99.0/24 is the TEP address of a border leaf in ACI.
- C. 172.16.100.0/24 is a BD subnet in ACI.
- D. The next hop 10.1.168.95 for route 172.16.100.0/24 is the TEP address of a border leaf in ACI.
- E. The next hop 10.0.8.65 for route 10.20.1.0/24 is the TEP address of a border leaf in ACI.

Answer: AE

NEW QUESTION 3

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 4

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?

- A. DC1:
- ```
interface Overlay1
 otv extend-vlan 100
 otv vlan mapping 100 to 200
```

DC2:

```
interface Overlay1
 otv extend-vlan 100
 otv vlan mapping 100 to 200
```

- B. DC1:
- ```
interface Overlay1
  otv extend-vlan 100
  otv vlan mapping 100 to 200
```

DC2:

```
interface Overlay1
  otv extend-vlan 200
```

C.

DC1:
interface Overlay1
otv extend-vlan 100

DC2:
interface Overlay2
otv extend-vlan 200

D. DC1:
interface Overlay1
otv extend-vlan 100

DC2:
interface Overlay1
otv extend-vlan 200

Answer: A

NEW QUESTION 5

Refer to the exhibit.

```
Nexus(config)# show checkpoint summary
User Checkpoint Summary
-----
1) BeforeL3:
Created by admin
Created at Mon, 15:25:08 31 Dec 2018
Size is 9,345 bytes
Description: None

System Checkpoint Summary
-----
2) system-fm-vrrp:
Created by admin
Created at Fri, 09:57:02 14 Jun 2019
Size is 20,865 bytes
Description: Created by Feature Manager.

3) system-fm-hsrp_engine:
Created by admin
Created at Fri, 09:57:28 14 Jun 2019
Size is 20,852 bytes
Description: Created by Feature Manager.
```

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 6

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 7

An engineer is implementing an import operation in Cisco UCS Manager.
What is the impact of performing this operation?

- A. Information can be modified on the management plane only.
- B. A configuration can be imported from a higher release to a lower release.
- C. An import operation can be scheduled.
- D. Only a configuration file that was exported from the same Cisco UCS Manager can be imported.

Answer: A

NEW QUESTION 8

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 9

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 10

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 10

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 15

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 16

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:

Customize the guest shell rootfs.	Step 1
Export the Guest Shell rootfs.	Step 2
Store it in a file server.	Step 3
Import the Guest Shell rootfs to other switches.	Step 4
Install the specific Guest Shell across devices simultaneously.	Step 5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Customize the guest shell rootfs.	Customize the guest shell rootfs.
Export the Guest Shell rootfs.	Export the Guest Shell rootfs.
Store it in a file server.	Store it in a file server.
Import the Guest Shell rootfs to other switches.	Import the Guest Shell rootfs to other switches.
Install the specific Guest Shell across devices simultaneously.	Install the specific Guest Shell across devices simultaneously.

NEW QUESTION 21

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 22

Which statement about the impact of a rolling EPLD upgrade on a Cisco MDS 9000 Series Switch is true?

- A. The upgrade can be performed from the standby supervisor module.
- B. Only the modules that are being upgraded are disrupted.
- C. All modules on the switch are disrupted.
- D. An EPLD upgrade is nondisruptive.

Answer: B

NEW QUESTION 23

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:

Configure support for VNTag mode on the interface that connects to the server.	Step 1
Configure the vNICs of the server.	Step 2
Configure the server to support NIV mode.	Step 3
Enable the virtualization feature set.	Step 4
Configure the port profile.	Step 5
Install the virtualization feature set.	Step 6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Configure support for VNTag mode on the interface that connects to the server.	Install the virtualization feature set.
Configure the vNICs of the server.	Enable the virtualization feature set.
Configure the server to support NIV mode.	Configure the port profile.
Enable the virtualization feature set.	Configure support for VNTag mode on the interface that connects to the server.
Configure the port profile.	Configure the vNICs of the server.
Install the virtualization feature set.	Configure the server to support NIV mode.

NEW QUESTION 28

Refer to the exhibit.

```
FI-1# scope org /
FI-1 /org # create maint-policy maintenance
FI-1 /org/maint-policy* # set reboot-policy timer-automatic
FI-1 /org/maint-policy* # set soft-shutdown-timer never
```

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 32

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

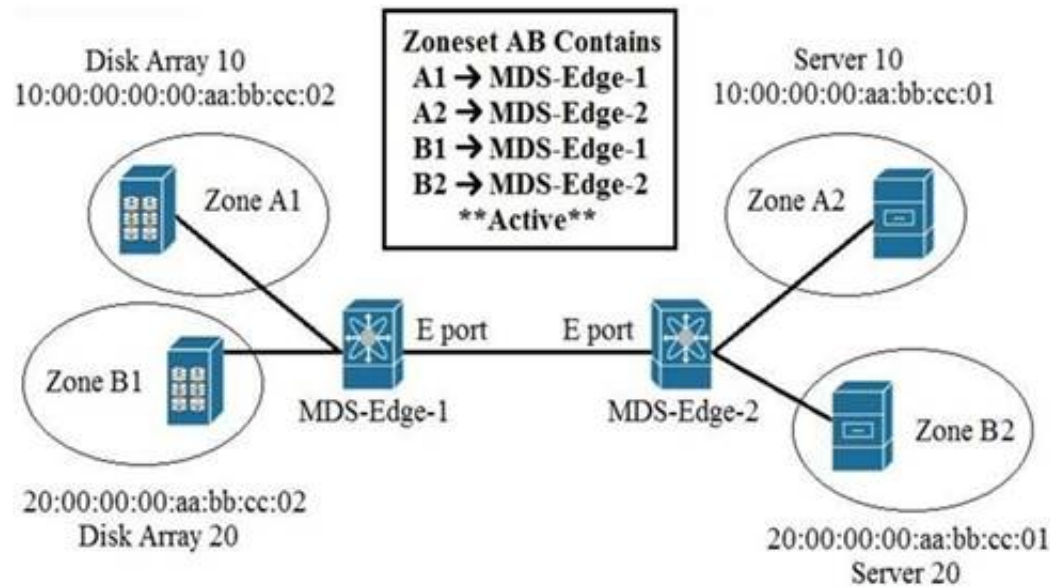
Answer: A

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 37

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 38

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 41

DRAG DROP

An engineer must recover configuration on a Cisco MDS 9000 Series switch from a previous version that was backed up to bootflash and then verify the restoration. Drag and drop the commands on the left to the correct order on the right.

Select and Place:

copy bootflash:<configuration_file> running-config	Step 1
copy running-config startup-config	Step 2
show startup-config	Step 3
write erase	Step 4
reload	Step 5

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

copy bootflash:<configuration_file> running-config	write erase
copy running-config startup-config	reload
show startup-config	copy bootflash:<configuration_file> running-config
write erase	copy running-config startup-config
reload	show startup-config

NEW QUESTION 44

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 49

What is required for using Puppet in a Cisco NX-OS environment?

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

Answer: D

NEW QUESTION 51

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 56

An engineer enters these commands while in EEM on a Cisco Nexus 9000 Series Switch
event manager applet Backup-config event timer watchdog time 1800 name timer event cli match "copy running-config startup-config" What is the result of

applying this configuration?

- A. It generates an error because no action is mentioned.
- B. It executes the copy running-config startup-config command.
- C. It saves the running configuration every 1800 seconds.
- D. It blocks the copy running-config startup-config command.

Answer: A

NEW QUESTION 59

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 63

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

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

NEW QUESTION 64

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 66

DRAG DROP

Drag and drop the storage technologies from the left onto the correct descriptions on the right.
Select and Place:

NFSv2	uses client machine authentication
Kerberos	uses users authentication
NFSv4	authenticates clients and servers in NFSv4
RADIUS	authenticates clients to corporate directory systems

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NFSv2	NFSv2
Kerberos	NFSv4
NFSv4	Kerberos
RADIUS	RADIUS

NEW QUESTION 70

Refer to the exhibit.

```
NEXUS(config)# feature tacacs+
NEXUS(config)# tacacs-server timeout 5
NEXUS(config)# tacacs-server directed-request
NEXUS(config)# tacacs-server deadtime 0
NEXUS(config)# tacacs server host 10.1.50.20 port 49
NEXUS(config)# tacacs-server host 10.1.50.20 key 7 "Flwhgl23" timeout 1
NEXUS(config)# aaa group server tacacs+ ISE
NEXUS(config-tacacs+)# server 10.1.50.20
NEXUS(config-tacacs+)# deadtime 10
NEXUS(config-tacacs+)# use-vrf management
NEXUS(config-tacacs+)# source-interface mgmt 0
NEXUS(config)# aaa authentication login default group ISE
```

What is the result of implementing this configuration?

- A. The switch queries the TACACS+ server by using an encrypted text PAP login.
- B. The TACACS+ server uses the type-6 encrypted format.
- C. The switch queries the TACACS+ server by using a clear text PAP login.
- D. The timeout value on the TACACS+ server is 10 seconds.

Answer: D

NEW QUESTION 73

Refer to the exhibit.

The screenshot shows a web-based configuration interface for 'User Services'. The breadcrumb trail is '>> All > User Management > User Services'. The 'Locally Authenticated Users' tab is selected. In the 'Properties' section, 'Password Strength Check' is checked. The 'Password Profile' section contains the following settings: 'Change Interval' is 48, 'History Count' is 5, 'No Change Interval' is 24, and 'Change Count' is 2. The 'Change During Interval' is set to 'Enable'. Below these settings is a table with a header 'Name' and two rows: 'admin' and 'test'. At the bottom right are 'Save Changes' and 'Reset Values' buttons.

Name
admin
test

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 77

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