350-601 Dumps

Implementing and Operating Cisco Data Center Core Technologies

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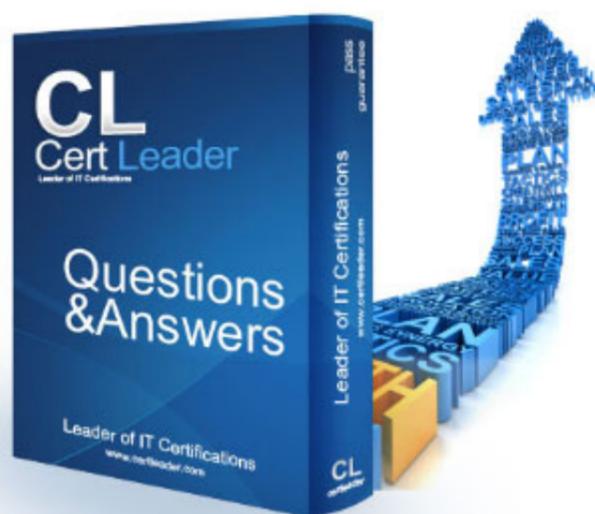
NEW QUESTION 1
A small remote office is set to connect to the regional hub site via NSSA ASBR.
Which type of LSA is sent to the remote office OSPF area?

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

Answer: A

NEW QUESTION 2
Refer to the exhibit.

```
N7K-1
spanning-tree vlan 1-10 priority 8192

vpc domain 100
   role priority 100
   peer-keepalive destination 10.1.1.2 source 10.1.1.1
vrf default
   delay restore 60
   peer-switch
   auto-recovery
   ip arp synchronize

N7K-2
spanning-tree vlan 1-10 priority 8192

vpc domain 100
   role priority 200
   peer-keepalive destination 10.1.1.1 source 10.1.1.2
vrf default
   delay restore 60
   peer-switch
   auto-recovery
   ip arp synchronize
```

The STP priority of N7K-1 and N7K-2 are the lowest in the network. Which statement describes STP on the vPC?

A. N7K-1 and N7K-2 appear as a single STP root.
B. N7K-1 appears as the STP root.
C. N7K-1 preempts N7K-2 as the STP root.
D. N7K-2 appears as the STP root.

Answer: A

NEW QUESTION 3
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 4
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 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
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 7
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 8
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 9
Refer to the exhibit.

Which two Cisco UCS components are upgraded as a result of the configuration? (Choose two.)

A. IOMs
B. Cisco UCS Manager
C. board controller
D. adapters
E. BIOS

Answer: AC

NEW QUESTION 10
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 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
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 19
Refer to the exhibit.
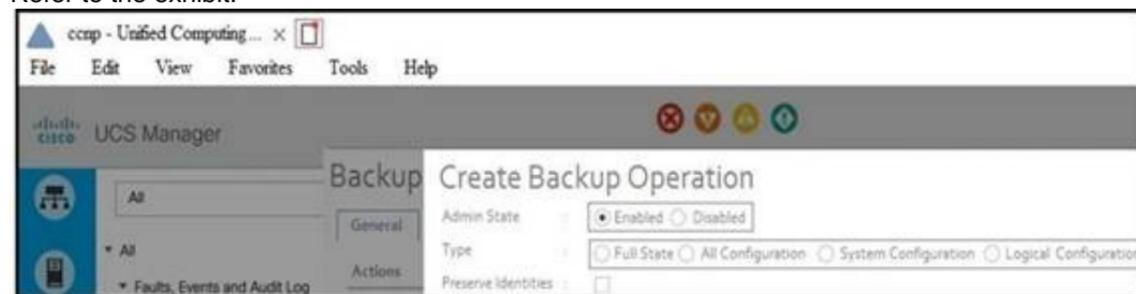
Which backup operation type does not include the Preserve Identities feature?

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

Answer: C

NEW QUESTION 24
Refer to the exhibit.

```
CISCO-UCS-A# scope org /
CISCO-UCS-A /org* # create service-profile Cisco1 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 sol1
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 26
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 27
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 prowling file system access		SAN
lacks scalability, performance, and advanced features		

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 prowling file system access	appliance prowling 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 28
Refer to the exhibit.
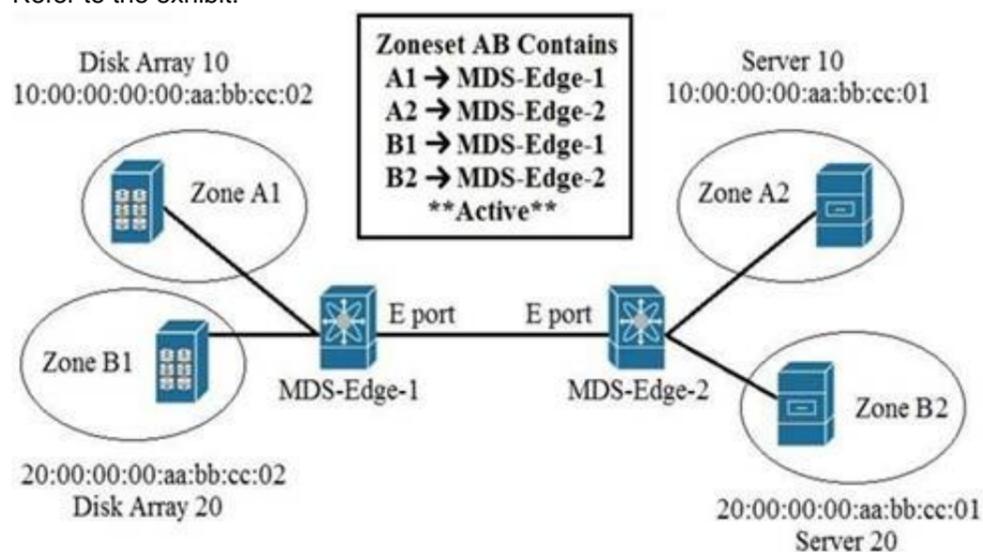
An engineer is implementing zoning on two Cisco MDS switches. After the implementation is finished, E Ports that connect the two Cisco MDS switches become isolated. What is wrong with the implementation?

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 33
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 35
Which product includes prebuilt templates that can be used to customize fabric deployments?

A. Cisco Tetration
B. Cisco Data Center Network Manager
C. Cisco ACI
D. Cisco UCS Manager

Answer: B

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
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 44
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 boottlash:<coriguration_file> runring-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 boottlash:<coriguration_file> runring-config	write erase
copy running-config startup-config	reload
show startup-config	copy boottlash:<coriguration_file> runring-config
write erase	copy running-config startup-config
reload	show startup-config

NEW QUESTION 47
Refer to the exhibit.

```
N5K-1(config)#interface fc2/3
N5K-1(config-if)#switchport mode sd
N5K-1(config-if)# no shutdown
```

What is the result of implementing this configuration?

A. The Fibre Channel interface is configured for SPAN.
B. The Fibre Channel interface is configured for source distribution.
C. The Fibre Channel interlace is configured for FSPF.
D. The Fibre Channel interface is configured for synchronization distribution.

Answer: A

NEW QUESTION 50
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 54
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 56
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 61
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 65
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 66
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 70
When a strict CoPP policy is implemented, which statement describes an event during which packets are dropped?

A. A large system image is copied to a switch by using the default VRF.
B. Fifteen SSH sessions remain connected to the switch.
C. A ping sweep is performed on a network that is connected through a switch.
D. A web server that is connected to a switch is affected by a DDoS attack.

Answer: D

NEW QUESTION 75
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 79
Refer to the exhibit.
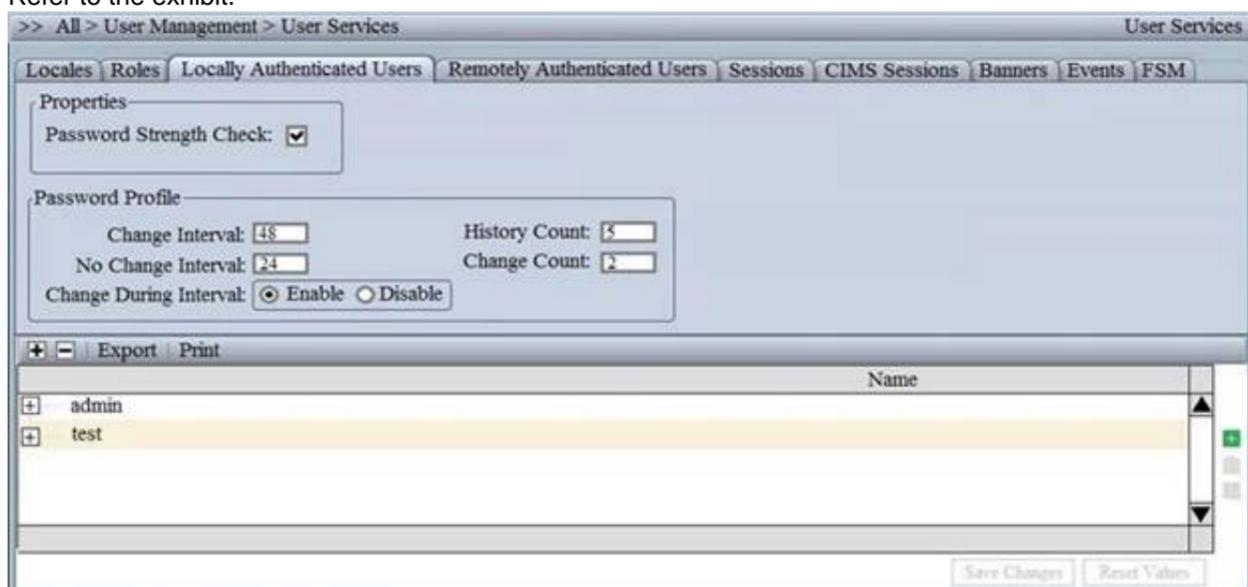
Which setting must be configured to prevent the reuse of passwords?

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

Answer: C

NEW QUESTION 84
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