

# 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

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.

```
restart pim
```

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 4

What are two capabilities of the Cisco Network Assurance Engine? (Choose two.)

- A. It validates that devices comply with network security policies.
- B. It predicts the impact of changes to the network.
- C. It predicts the network load on a data center.
- D. It ensures that network performance meets an SLA.
- E. It verifies the speed of network packet flows by using telemetry.

**Answer:** AB

#### NEW QUESTION 5

APIC EPG Resolution Immediacy is set to "Immediate".

Which statement is true about the Deployment Immediacy for VMM domains associated to EPGs?

- A. If "On demand" is selected, the policy is programmed in the hardware only when the first packet is received through the data path.
- B. If "Immediate" is selected, the policy is programmed in the hardware as soon as the leaf is booted.
- C. The "Immediate" and "On demand" options require a port group to be created on the VDS.
- D. If "On demand" is selected, the policy is programmed in the hardware only when the APIC detects a VM created in the EPG.

**Answer:** A

#### NEW QUESTION 6

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 7

What happens to the default host firmware policy after a Cisco UCS Manager upgrade?

- A. It is assigned to all the service profiles that include a host firmware policy.
- B. It is replaced by a new default policy without any firmware entries.
- C. It is set to match the host firmware policy.

D. It is updated to contain the firmware entries of all the components.

**Answer:** A

#### 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 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 10

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 10

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 ipmil
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 12

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 17

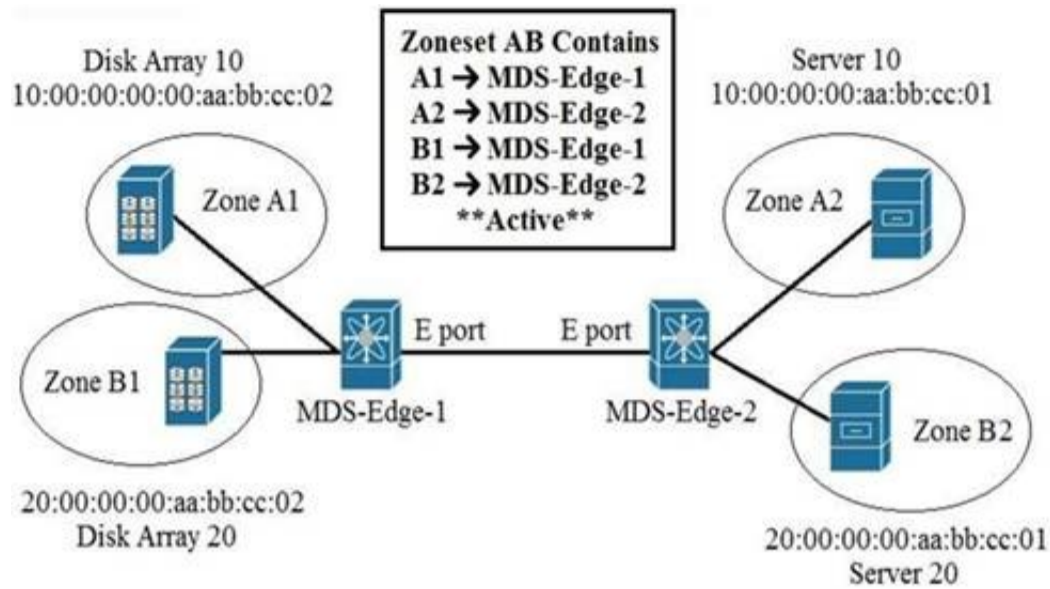
In an FCoE environment, for which two sets of data must an interface that implements the PAUSE mechanism always provision sufficient ingress buffer? (Choose two.)

- 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 18

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 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 23

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 24

Refer to the exhibit.

```
Python Code:

import requests
import json

url='http://lab-93180bdlf-sw1/ins'
switchuser='dazfre'
switchpassword='Clscorox0'

myheaders={'content-type' : 'application/json'}
payload={
    "ins_api": {
        "version": "1.0",
        "type": "cli_show",
        "chunk": "0",
        "sid": "1",
        "input": "configure terminal : feature hsrp",
        "output_format": "json"
    }
}
response = requests.post(url,data=json.dumps(payload),
headers=myheaders,auth=(switchuser,switchpassword))

print(response.text)

ERROR MESSAGE
{
  "ins_api" : {
    "type": "cli_show",
    "version": "1.0",
    "sid": "eoc",
    "outputs": [
      "output" : [
        {
          "clierror" "% invalid command\n",
          "input" "configure terminal",
          "msg" "input CLI command error",
          "code" "400"
        }, {
          "clierror" "% invalid command\n",
          "input" "feature hsrp",
          "msg" "input CLI command error",
          "code" "400"
        }
      ]
    ]
  }
}
```

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 29

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 31

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

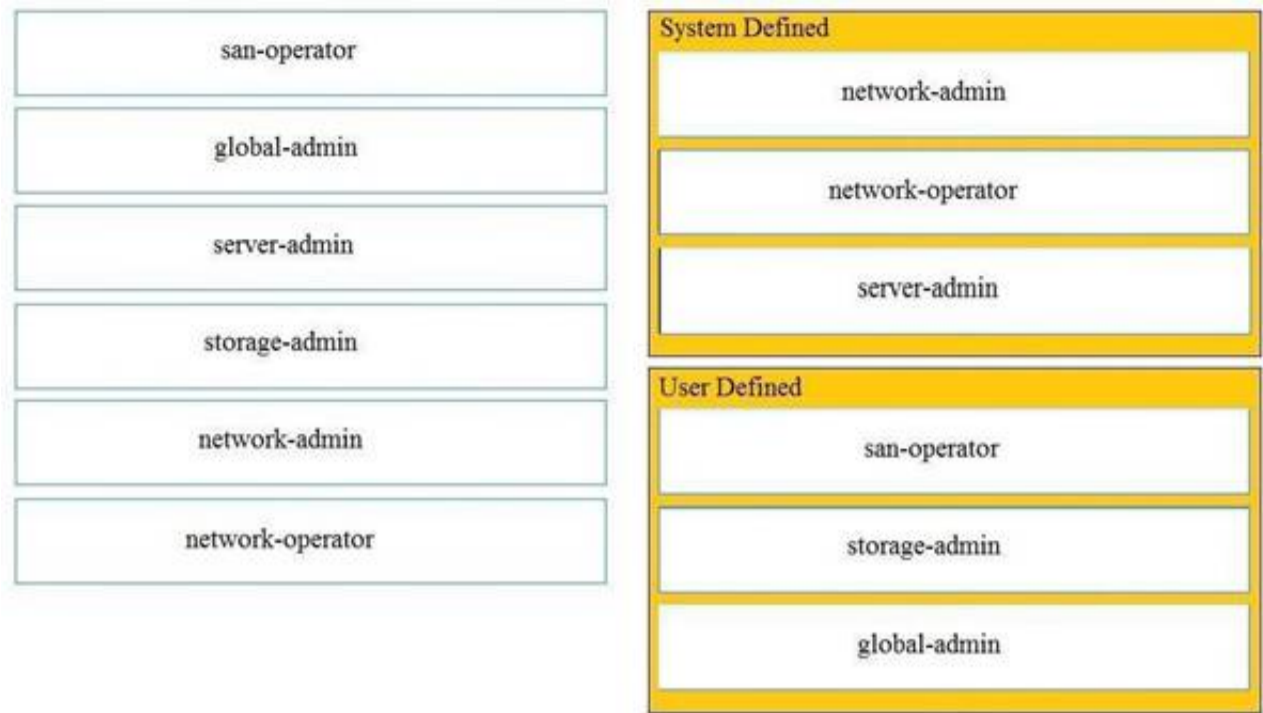
System Defined

User Defined

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 35

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 40

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 43

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 45

Refer to the exhibit.

>> All > User Management > User Services

User Services

Locales Roles Locally Authenticated Users Remotely Authenticated Users Sessions CIMS Sessions Banners Events FSM

Properties

Password Strength Check: ☒

Password Profile

Change Interval:  History Count:   
 No Change Interval:  Change Count:   
 Change During Interval: ☒ Enable ☐ Disable

+ - Export Print

Name
+ admin
+ test

Save Changes Reset Values

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 50

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