

## Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies

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**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:

N7K-1(config)# interface <interface> N7K-1(config-if)# ip flow monitor NetflowMonitor input	Step 1
N7K-1(config)# feature netflow	Step 2
N7K-1(config)# flow exporter NetflowMonitor N7K-1(config)# flow record NetflowMonitor	Step 3
N7K-1(config)# flow monitor NetflowMonitor	Step 4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

N7K-1(config)# interface <interface> N7K-1(config-if)# ip flow monitor NetflowMonitor input	N7K-1(config)# feature netflow
N7K-1(config)# feature netflow	N7K-1(config)# flow exporter NetflowMonitor N7K-1(config)# flow record NetflowMonitor
N7K-1(config)# flow exporter NetflowMonitor N7K-1(config)# flow record NetflowMonitor	N7K-1(config)# flow monitor NetflowMonitor
N7K-1(config)# flow monitor NetflowMonitor	N7K-1(config)# interface <interface> N7K-1(config-if)# ip flow monitor NetflowMonitor input

**NEW QUESTION 2**

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 3**

Refer to the exhibit.

```
switch(config)# interface Ethernet 2/2
switch(config)# ip address 172.23.231.240/23
switch(config)# ip verify unicast source reachable-via rx
```

What is configured as a result of running these commands?

- A. loose unicast RPF
- B. strict unicast RPF
- C. IP Source Guard
- D. reverse lookup for outbound packets

Answer: B

**NEW QUESTION 4**

Which configuration implements static ingress replication?

- A. **interface nve 1**  
**member vni 3716135**  
**ingress-replication protocol bgp**
- B.

- interface nve 1**  
**member vni 3716135**  
**peer vtep 10.0.0.4**
- C. **interface nve 1**  
**member vni 3716135**  
**peer vtep 10.0.0.4**  
**ingress-replication protocol static**  
**peer-ip 10.0.0.4**
- D. **interface nve 1**  
**member vni 3716135**  
**ingress-replication protocol static**  
**peer-ip 10.0.0.4**

Answer: D

#### NEW QUESTION 5

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 6

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 7

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 8

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 9

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 10

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 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 15

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 20

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 25**

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 27**

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 28**

Refer to the exhibit.

```
show install all impact epld bootflash:n9000-epld.6.1.2.I3.1.img
```

What is the outcome of this command when the EPLD is updated on a Cisco Nexus 9000 Series Switch?

- A. displays the compatibility of the EPLD upgrade and the image in the bootflash
- B. shows a simulated upgrade of the EPLD
- C. upgrades the EPLD on the switch disruptively
- D. displays the impact of the upgrade on the operation of the switch

**Answer: A**

**NEW QUESTION 29**

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 34**

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 38**

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 41**

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 42**

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 47

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 49

An engineer must ensure fabric redundancy when implementing NPV mode on a Cisco MDS 9000 Series Switch. Which action enables fabric redundancy?

- A. Use TE ports to connect to upstream switches.
- B. Add a port channel to upstream switches.
- C. Configure the NPV devices to use an external FLOGI database.
- D. Connect the NPV devices to multiple upstream switches.

**Answer:** B

#### NEW QUESTION 50

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 54

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 59

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 64

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 68

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-coring command.
- C. It saves the running configuration every 1800 seconds.
- D. It blocks the copy running-config startup-config command.

Answer: A

#### NEW QUESTION 71

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 73

Which configuration generates a syslog message when CPU utilization is higher than 60%?

- A. event manager applet HIGH-CPU event snmp oid 1.3.6.1.4.1.9.9.109.1.1.1.1.6.1 get-type exact entry-op gt 60 poll-interval 5 action 1.0 syslog priority notifications msg "cpu high"
- B. event manager applet HIGH-CPU event snmp oid 1.3.6.1.4.1.9.9.109.1.1.1.1.6.1 get-type exact entry-op lt 60 poll-interval 5 action 1.0 syslog priority notifications msg "cpu high"
- C. event manager applet HIGH-CPU event snmp oid 1.3.6.1.4.1.9.9.109.1.1.1.1.6.1 get-type next entry-op gt 60 poll-interval 5 action 1.0 syslog priority notifications msg "cpu high"
- D. event manager applet HIGH-CPU event snmp oid 1.3.6.1.4.1.9.9.109.1.1.1.1.6.1 get-type next entry-op lt 60 poll-interval 5 action 1.0 syslog priority notifications msg "cpu high"

Answer: A

#### NEW QUESTION 74

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 78

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 80

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 84

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 89

A host in EPG Client wants to talk to a webserver in EPG Web. A contract with default settings is defined between EPG Client and EPG Web, which allows TCP communication initiated by the client toward the webserver with TCP destination port 80.  
Which statement is true?

- A. If EPG Web is made a preferred group member, a contract between EPG Client and EPG Web is no longer required for the host in EPG Client to reach the webserver in EPG Web.
- B. If vzAny is configured to consume and provide a "deny all" contract, traffic between EPG Client and EPG Web is no longer allowed.
- C. The host in EPG Client can connect to TCP destination port 80 on the webserver in EPG We
- D. The webserver will not be able to initiate a separate TCP connection to a host port with TCP source port 80.
- E. The host in EPG Client can connect to TCP destination port 80 on the webserver in EPG We
- F. The webserver can initiate a separate TCP connection to a host port with TCP source port 80.

Answer: D

#### NEW QUESTION 90

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 91

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 "Flwhg123" 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 95

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