

<https://www.lead4pass.com/350-601.html>

Vendor: Cisco

Exam Code: 350-601

Exam Name: Implementing and Operating Cisco Data Center Core Technologies (DCCOR)

Certification: CCIE Data Center

Total Questions: 708 Q&A ([View Details](#))

Updated on: Mar 23, 2026

Question 1:

DRAG DROP A storage engineer must configure zoning on a Cisco MDS 9000 Series switch. Drag and drop actions from the left into the order on right

Select and Place:

zone name Zone1 vsan 4	Step 1
member pwwn 10:00:00:23:45:67:89:ac	Step 2
zoneset activate name Zoneset1 vsan 4	Step 3
member Zone1	Step 4
copy running-config startup-config	Step 5
zoneset name Zoneset1 vsan 4	Step 6

Correct Answer:

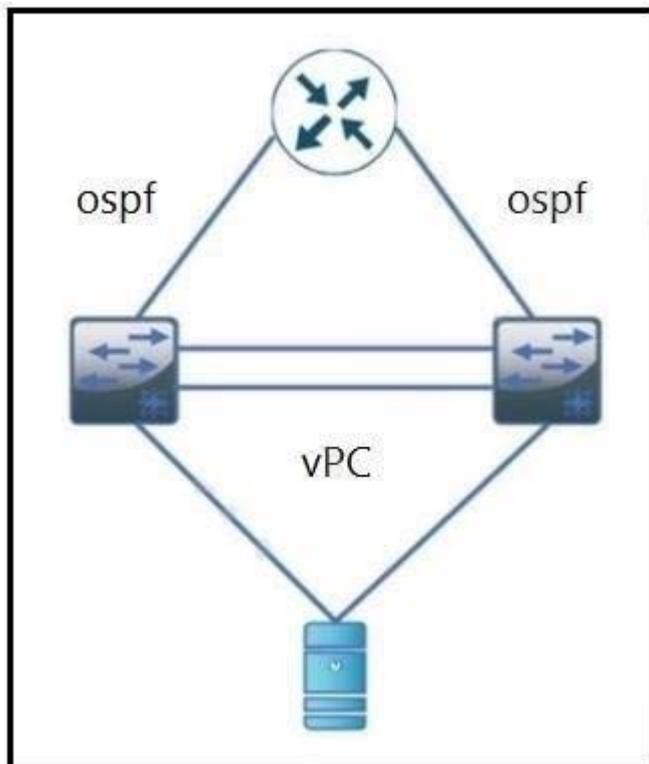
	zone name Zone1 vsan 4
	member pwwn 10:00:00:23:45:67:89:ac
	zoneset name Zoneset1 vsan 4
	member Zone1
	zoneset activate name Zoneset1 vsan 4
	copy running-config startup-config

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration_guides/fabric/nx-os/nx_os_fabric/zone.html

Question 2:

Refer to the exhibit.



During a vPC peer switch reload, there is packet loss between the server and the router. Which action must be taken to prevent this behavior during future reloads?

- A. Set the routed uplink ports of the Cisco Nexus peers as orphans.
- B. Increase the vPC delay restore timer.
- C. Disable vPC ARP synchronize on the vPC peers.
- D. Decrease the OSPF hello and dead interval timers.

Correct Answer: B

Question 3:

DRAG DROP

An engineer configures the NetFlow feature on a Cisco NX-OS device. The requirement is to reduce the amount of export data collected by using a sampler. Drag and drop the NetFlow configuration steps from the left onto the implementation needed to meet these requirements on the right. Not all steps are used.

Select and Place:

Apply a sampler with a flow monitor to the interface	Step 1
Enable the NetFlow feature	Step 2
Define a flow monitor	Step 3
Apply a sampler with a flow record to the interface	Step 4
Define a flow record	
Apply a flow record to the interface	

Correct Answer:

Apply a sampler with a flow monitor to the interface	Enable the NetFlow feature
	Define a flow record
	Define a flow monitor
Apply a sampler with a flow record to the interface	Apply a flow record to the interface

Question 4:

An engineer is configuring AAA authentication on an MDS 9000 switch. The LDAP server is located under the IP 10.10.2.2. The data sent to the LDAP server should be encrypted. Which command should be used to meet these requirements?

- A. `ldap-server host 10.10.2.2 enable-ssl`
- B. `ldap-server 10.10.2.2 port 443`
- C. `ldap server host 10.10.2.2 key SSL_KEY`
- D. `ldap-server 10.10.2.2 key SSL_KEY`

Correct Answer: A

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration/guides/security/nx-os/sec_cli_6-x/cradtac1.html

Question 5:

An engineer must configure a VDS port group using APIC policy. The requirements are for the frames to be mapped to a particular Layer 2 network and for the virtual machine assigned to the port group to receive all frames passed on the virtual switch.

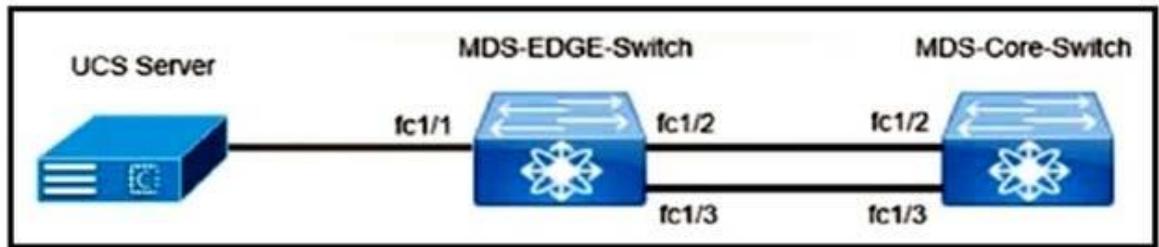
Which two settings must be used to meet these requirements? (Choose two.)

- A. `forged transmits`
- B. `VMDirectPath`
- C. `port binding`
- D. `promiscuous mode`
- E. `VLAN`

Correct Answer: DE

Question 6:

Refer to the exhibit.



```
MDS-EDGE-SWITCH(config)# npv traffic-map server-interface
fc1/1 external-interface fc1/3

fc1/1: External interface list should contain the one in use
```

The MDS-EDGE-Switch and MDS-Core-Switch are configured with NPV and NPIV features

The FLOGI from Cisco UCS is received by the MDS-Core-Switch on interface fc1/2.

An engineer tried to move all traffic between the MDS-EDGE-Switch and MDS-Core-Switch from interface fc 1/2 to fc1/3, but the attempt failed.

Which set of actions completes the configuration?

- A. Shut down fc1/1 in the MDS-EDGE-Switch. Re-apply the command. Enable interface fc1/1.
- B. Disable the NPIV feature in the MDS-EDGE-Switch. Re-enable the NPIV feature. Disable interface fc1/3.
- C. Disable the NPV feature in the MDS-EDGE-Switch. Re-enable the NPV feature. Disable interface fc1/1.
- D. Shutdown fc1/3 in the MDS-EDGE-Switch. Re-apply the command. Enable interface fc1/3.

Correct Answer: A

Question 7:

An engineer configured an environment that contains the vPC and non-vPC switches, however, it was noticed that the downstream non-vPC switches do not receive the same STP bridge ID from the upstream which vPC feature must be implemented to ensure that vPC and non-vPC switches receive the same STP bridge ID from the upstream vPC switch peers?

- A. peer-switch
- B. peer-gateway

C. system-mac 0123.4567.89ab

D. vpc local role-priority 4000

Correct Answer: B

Peer-Switch feature allows the vPC peers use the same STP root ID as well as the same bridge ID.

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/interfaces/configuration/guide/b_Cisco_Nexus_9000_Series_NX-OS_Interfaces_Configuration_Guide/b_Cisco_Nexus_9000_Series_NXOS_Interfaces_Configuration_Guide_chapter_0111.html

Question 8:

A network administrator must perform a system upgrade on a Cisco MDS 9000 Series Switch. Due to the recent changes by the security team:

1.

The AAA server is unreachable.

2.

All TCP communication between the MDS 9000 Series Switch and AAA servers is disabled. Which actions must be used to perform the upgrade?

A. Log in locally to the MDS 9000 Series Switch using a network-admin role and download the upgrade files from the remote TFTP server.

B. Log in locally to the MDS 9000 Series Switch using a server-admin role and download the upgrade files from the remote FTP server.

C. Log in to a server storing the upgrade files remotely using a server-admin role and download the files to the MDS 9000 Series Switch using SFTP.

D. Log in to a server storing the upgrade files remotely using a network-admin role and download the files to the MDS 9000 Series Switch using HTTP.

Correct Answer: A

Of all the answer choices, only TFTP does not use TCP. TFTP is a UDP based protocol.

Question 9:

An engineer must create a scheduler configuration to create two backup jobs per day. The backup file must be copied to a server in the operations VRF. Which configuration accomplishes this task?

- A.

```
scheduler schedule name CNFGBACKUP
job name BACKUP-JOB
copy running-config tftp://10.19.11.12/${SWITCHNAME}-${TIMESTAMP}.cfg vrf operations
time start now repeat 12:00
```
- B.

```
scheduler schedule name CNFGBACKUP
job name BACKUP-JOB
show tech-support | redirect vrf operations tftp://10.19.11.12/${SWITCHNAME}-${TIMESTAMP}.cfg
time start daily 12:30 0:30
```
- C.

```
scheduler schedule name CNFGBACKUP
job name BACKUP-JOB
copy startup-config tftp://10.19.11.12/${SWITCHNAME}-${TIMESTAMP}.cfg
time daily 12:30 0:30
```
- D.

```
scheduler schedule name CNFGBACKUP
job name BACKUP-JOB
copy vrf operations config tftp://10.19.11.12/${SWITCHNAME}-${TIMESTAMP}.cfg
time start 12:30 repeat 12
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: A

Question 10:

An engineer configures a storage environment for a customer with high-security standards. The secure environment is configured in vsan 50. The customer wants to maintain a configuration and active databases and prevent unauthorized switches from joining the fabric. Additionally, the switches must prevent rogue devices from connecting to their ports by automatically learning the WWPNs of the ports connected to them for the first time. Which two configuration sets must be used to meet these requirements? (Chose two.)

- A. fcsp enable fcsp auto-active
- B. port-security enable port-security activate vsan 50
- C. clear fabric-binding activate vsan 50 fabric-binding activate vsan 50
- D. fcsp dhchap hash md5 sha1

E. fabric-binding activate vsan 50 force

Correct Answer: BE

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/7_3/configuration/security/security/binding.html

Question 11:

Refer to the exhibit.

```
switch1#show run interface Vlan 10

interface Vlan10
  description Service Datacenter-Rack-A
  ip address 209.165.200.225 255.255.255.224
!
end

switch1#
```

An engineer must mirror the traffic on a switch. The engineer locates the server port that requires monitoring on switch1, but the packet sniffer is on switch2. The engineer must configure the source IP address on switch1.

Which command accomplishes this goal?

- A. monitor session 10 type erspan-source
- B. monitor erspan origin ip-address 209.165.200.225
- C. source ip 209.165.200.225
- D. source interface vbn512

Correct Answer: B

Question 12:

The Cisco UCS blade chassis must send SNMPv3 traps to a network monitoring system. The SNMP trap messages should be authenticated and have protection from closure. Which SNMP security privileged level should be configured?

- A. noPriv

- B. auth
- C. noAuth
- D. priv

Correct Answer: D

Question 13:

The FCoE technology is used in a data center and the MDS switches are configured as Fibre Channel Forwarders. What configuration should be applied to an MDS switch in order to be used as the best switch to connect by the CNAs in the fabric?

- A. fcoe fcf-priority 1024
- B. fcoe fcf-priority 512
- C. fcoe fcf-priority 0
- D. no fcoe fcf-priority

Correct Answer: C

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/fcoe/521n11/b_5k_FCoE_Config_521N11/b_5k_FCoE_Config_521N11_chapter_011.pdf

Question 14:

A network architect wants to propose a scalable network monitoring solution in which data is repeatedly acquired from network devices. The solution must use a push model and provide close to realtime access to operational data Which technology must be used to meet these requirements?

- A. streaming telemetry
- B. logging
- C. SNMPv3
- D. CLI-based scripting

Correct Answer: A

<https://blogs.cisco.com/developer/its-time-to-move-away-from-snmp-and-cli-and-use-model-driven-telemetry>

Why Model-Driven Telemetry?

Model-Driven Telemetry is a new approach for network monitoring in which data is streamed from network devices continuously using a push model and provides near real-time access to operational statistics. You can precisely define what data you want to subscribe to using standard YANG models (YANG is a data modeling language used to model configuration and state data manipulated by the NETCONF protocol) with no CLI required. It allows network devices to continuously stream real time configuration and operating state information to subscribers. Structured data is published at a defined cadence, or on-change, based upon the subscription criteria and data type.

Question 15:

An engineer must integrate Cisco ACI with a VMware vSphere environment. The requirement is to use a VMware Distributed Virtual Switch and to assign the encapsulation VLAN of the EPG from the VLAN pool. Which configuration set accomplishes this goal?

- A. Create a VMM domain association under the EPGs Create a VLAN pool with static allocated VLANs.
- B. Create a physical domain association under the EPGs Create a VLAN pool with static allocated VLANs.
- C. Create a physical domain association under the EPGs. Create a VLAN pool with oVnarmc allocated VLANs
- D. Create a VMM domain association under the EPGs Create a VLAN pool with dynamic allocated VLANs.

Correct Answer: D