



## **Cisco**

### **Exam Questions 300-610**

Designing Cisco Data Center Infrastructure (DCID)

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#### NEW QUESTION 1

What influences the number of ISLs that are required between Cisco MDS Series switches?

- A. FCoE protocol
- B. type of storage
- C. end-to-end oversubscription ratio
- D. N Port virtualization

**Answer: C**

#### NEW QUESTION 2

Refer to the exhibit.

The FCoE packets fail to be forwarded through the switch. What is the minimum MTU QoS requirement for the FCoE to work?

- A. 9000 bytes
- B. 2000 bytes
- C. 2158 bytes
- D. 2240 bytes

**Answer: B**

#### NEW QUESTION 3

Where does Cisco UCS handle Fibre Channel traffic failover?

- A. on a Cisco UCS Fabric Interconnect ASIC in Fibre Channel switching mode
- B. on the host, by using multipathing software
- C. in the hardware on the Cisco UCS VIC 12xx adapter or later
- D. in the hardware on any Cisco UCS VIC adapter

**Answer: B**

#### NEW QUESTION 4

Which feature provides a sandbox to convert NX-OS CLI commands to REST-based scripts on Cisco Nexus 7700 Series Switches?

- A. NX-API
- B. Postman
- C. Bash shell
- D. Guest shell

**Answer: A**

#### NEW QUESTION 5

Which two configuration methods can be used to deploy QoS to Cisco MDS Series switches? (Choose two.)

- A. zone-based QoS
- B. multiple QoS policies that match individual devices
- C. VSAN-based QoS
- D. FCoE VLAN-based QoS
- E. multiple QoS policies that match multiple devices

**Answer: AC**

#### NEW QUESTION 6

Drag and drop the configurations from the left onto the correct policies on the right.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 7

Drag and drop the data center technologies from the left onto the correct descriptions on the right. Not all technologies are used.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 8

Which two automation requirements can be met by using Puppet? (Choose two.)

- A. Push configuration updates immediately to servers.
- B. Enable clients to pull changes to configuration files.
- C. Enable clients to pull changes without installing an agent.
- D. Provide support for writing new modules in Python.
- E. Enable one-off infrastructure changes to be performed manually.

**Answer:** AB

#### NEW QUESTION 9

Which two configurations are available by using a service profile template in Cisco UCS Manager? (Choose two.)

- A. number of vHBAs
- B. ARP entries
- C. UUID assignment
- D. VXLAN membership
- E. target server

**Answer:** AC

#### NEW QUESTION 10

An engineer is designing a Multichassis EtherChannel topology in which two switches must appear as a single device to a third downstream switch? Which two technologies meet this requirement? (Choose two.)

- A. HSRP

- B. VSS
- C. vPC
- D. 802.1q
- E. FEX

**Answer:** BC

**NEW QUESTION 10**

Which two features are provided by deploying an OOB management network in a Cisco Nexus data center? (Choose two.)

- A. Layer 3 path for monitoring purposes
- B. Layer 2 path for server traffic
- C. Layer 2 path for a vPC peer link
- D. Layer 3 path for vPC keepalive packets
- E. Layer 3 path for server traffic

**Answer:** BC

**NEW QUESTION 13**

Which orchestration tool should be used for the management and analytics of servers across multiple sites?

- A. Cisco Intersight
- B. Cisco Nexus Fabric Manager
- C. Cisco UCS Manager
- D. Cisco Data Center Network Manager

**Answer:** A

**NEW QUESTION 17**

What is a design consideration when implementing FSPF?

- A. Routes are based on the domain ID.
- B. Routes are based on the distance vector protocol.
- C. FSPF runs only on F Ports.
- D. FSPF runs on a per-chassis basis.

**Answer:** A

**NEW QUESTION 20**

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