



# 300-610<sup>Q&As</sup>

Designing Cisco Data Center Infrastructure (DCID)

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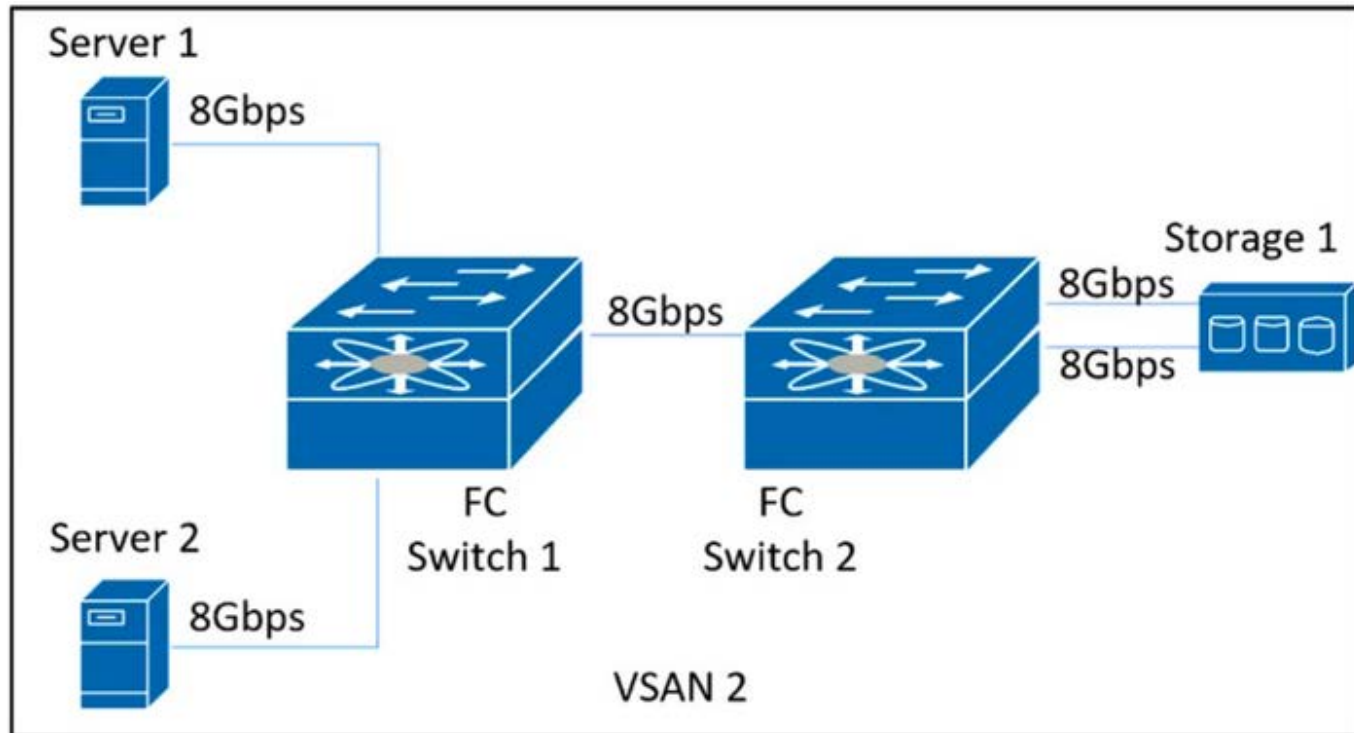
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**QUESTION 1**

Refer to the exhibit.



A customer runs an Online Transaction Processing (OLTP) application on Server1. The application generates a small number of transactions and requires low storage latency. Server2 is a backup server that performs backups twice a day. During the backup window, the OLTP application experiences high-latency spikes that affect the application performance. The customer must meet these requirements:

1. Maintain consistent low I/O latency for the OLTP server.
  2. Guarantee I/O throughput for the OLTP server during backup time.
  3. Allow the customer to keep the existing hardware. Which action must be taken to meet these requirements?
- A. Apply a traffic shaper to the FC Switch 1 interface that is facing the server.
- B. Create a SAN port channel between FC Switch 1 and FC Switch 2.
- C. Add another 8G link to the Server1 and create F-Port-channel.
- D. Configure QoS and scheduler for data traffic on both Fibre Channel switches.

Correct Answer: D



## QUESTION 2

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

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

Correct Answer: AC

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## QUESTION 3

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

Correct Answer: A

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/programmability/guide/b\\_Cisco\\_Nexus\\_9000\\_Series\\_NX-OS\\_Programmability\\_Guide\\_7x/b\\_Cisco\\_Nexus\\_9000\\_Series\\_NXOS\\_Programmability\\_Guide\\_7x\\_chapter\\_010010.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/programmability/guide/b_Cisco_Nexus_9000_Series_NX-OS_Programmability_Guide_7x/b_Cisco_Nexus_9000_Series_NXOS_Programmability_Guide_7x_chapter_010010.html)

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## QUESTION 4

An engineer working for a private telecommunication company with an employee id 4298 53 420 must evaluate connectivity to the new data centre location based on Cisco Nexus 7000 Series Switches. The IP connectivity is already supplied by the service provider. The solution must provide a Layer 2 extension and optimize the traffic localization

Which technology supports these requirements?

- A. IS-IS multi site over ACI
- B. VXLAN over EoMPLS



C. OTV over IP and multicast

D. BGP over VPLS

Correct Answer: B

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#### QUESTION 5

A client in a commercial building installs a Cisco blade server in the multitenant Cisco UCS blade Infrastructure. To cut operating costs the client's data center is shared with other organizations. The client asks an engineer prevent third parties from accessing their equipment and from accessing BIOS-related information when booting a server. Which Two policies must be used to meet these requirements? (Choose two.)

A. quiet boot

B. post error pause

C. ASPM support

D. CDN control

E. front panel lockout

Correct Answer: AE

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