



300-610^{Q&As}

Designing Cisco Data Center Infrastructure (DCID)

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**QUESTION 1**

A network engineer must select a high availability feature for their data center. The solution must ensure network resilience, reduce network instability for Layer 3 routing protocols, and meet these requirements:

1.
The device must notify its neighbors when the control plane is undergoing a restart.
2.
The solution must suppress routing flaps in case of stateful switchovers. Which solution must be implemented?
 - A. BFD
 - B. HSRP
 - C. NSF
 - D. ISSU

Correct Answer: C

QUESTION 2

An engineer must connect an existing Cisco Fabric Interconnect to an IP-based storage array. The connection be a channel made directly between the fabric interconnect expansion module and the storage array. The engineer must also consider that the environment is running FCoE for storage and uses QoS to prioritize traffic. Which port type should be used to meet these requirements?

- A. Network
- B. Uplink
- C. Appliance
- D. server

Correct Answer: B

<https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/ucs-5100-series-blade-server-chassis/116075-ucs-app-connectivity-tshoot-00.html>

QUESTION 3

An engineer needs an orchestration and monitoring tool that should be used for managing the storage networks and VXLAN fabrics. The tool should also allow support built-in dashboard and real-time health summary for managed devices. Which tool meets these requirements?



- A. Cisco Intersight
- B. Ansible
- C. Puppet
- D. Cisco DCNM

Correct Answer: D

QUESTION 4

Which two naming formats identify target or initiator iSCSI nodes? (Choose two.)

- A. WWPN
- B. EUI
- C. IQN
- D. WWN
- E. OUI

Correct Answer: BC

<https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.storage.doc/GUID-686D92B6-A2B2-4944-8718-F1B74F6A2C53.html>

QUESTION 5

An engineer must interconnect two geographically separated data centers. The service provide offers a Layer 2 metro Ethernet link. The strict security policy requires that the information that is shared between two sites must be sent encrypted. The application deployed between sites requires a line-rate throughput regardless of the packet size and speed. Which solution meets these requirements?

- A. IPsec
- B. MACsec
- C. L2TPv2
- D. L2TPv3

Correct Answer: B

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/Enterprise/Security/MACsec/WP-High-Speed-WAN-Encrypt-MACsec.pdf>



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