

## [2019-April-NewValid Braindump2go 300-320 Exam PDF Dumps 605Q Offer

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Download:<https://drive.google.com/drive/folders/0B75b5xYLjSSNWS1ocVZVUU03VU0?usp=sharing>What are two advantages of a L2 looped data center design model? (Choose two.)A. promotes Layer 2 high availabilityB. prevents VLAN propagationC. allows sharing of service modulesD. eliminates the use of STP

**Answer: AC**

New QuestionA company requires real-time SAN replication between two remote locations. What is the standard path selection protocol for fabric routing?A. FSPFB. FICONC. FCOED. SCSI

**Answer: A**

New QuestionWhat SAN technology can accomplish fabric infrastructure implementation using multiple fabrics?A. VSANB. IVRC. SCSID. NAS

**Answer: A**

New QuestionWhat network storage protocol uses a connection standard incompatible with shared 10Gb Ethernet physical connection?A.

SMBB. iSCSIC. FCD. NFSE. CIFS

**Answer: C**

New QuestionWhat Nexus technology avoids blocking links between the access layer and the aggregation layer in a data center network design?A. FCoEB. LACPC. vPCD. FEX

**Answer: C**

New QuestionWhat three benefits exist when utilizing Cisco Nexus technology for implementing a unified fabric design? (Choose three.)A. reduced cablingB. fewer adaptersC. consolidated switchingD. increased bandwidthE. enhanced redundancyF. improved convergence

**Answer: ABC**

Explanation:

<https://www.safaribooksonline.com/library/view/foundation-learning-guide/9780132652933/ch06.html>"Benefits of a unified fabric include the following: Reduced cabling: Multiple Fibre Channel and Ethernet connections can be replaced with a single 10 Gigabit Ethernet connection or a dual 10 Gigabit Ethernet connection for redundancy. In many cases, access layer cabling can be reduced by 50 percent, or even more if the server uses multiple 1 Gigabit Ethernet connections. Fewer access layer switches: In a typical top-of-rack (TOR) design, shown at the top of Figure 6-20, each rack contains at least four separate switches: two Ethernet switches to support redundant LAN connections and two Fibre Channel switches to support redundant SAN connections. By consolidating LAN and SAN connectivity on a single network, as shown in the lower part of Figure 6-20, each rack needs just two access switches that can provide both redundant LAN and SAN connectivity. Fewer network adapters per server: By combining LAN and SAN connectivity on a single 10 Gigabit Ethernet adapter, the number of network adapters that need to be installed in each server is heavily reduced. A single converged network adapter (CNA) can replace the combination of a Fibre Channel HBA and one or more Gigabit Ethernet adapters. Power and cooling savings: Reducing the number of access switches per rack and the number of network adapters per server leads to a reduced demand for power. The less power that is used, the less heat that is generated. This also leads to a reduction in cooling requirements. The lower number of access layer cables can also improve airflow in the data center, which can lead to more efficient use of the available cooling. Management integration: Combining LAN, SAN, and interprocess communication (IPC) networks on a single network infrastructure not only reduces the number of managed devices but also the overall management complexity. Wire once: Using a single type of connection, such as 10 Gigabit Ethernet, for LAN, SAN, and IPC eliminates the need to recable racks to provision storage or network connectivity to a server.

**New Question**What feature is a benefit of using Cisco UCS blade servers for data center virtualization?A. guest VM high availabilityB. converged LAN and SAN infrastructureC. host based etherchannelD. built-in hypervisor

**Answer: B**

**New Question**A company's virtualization team wants to transfer control of network switching and policy management for VMware virtual servers to the networking team. What Cisco network virtualization solution should be implemented?A. Unified Computing SystemB. Nexus distributed virtual switchC. virtual network agentD. Nexus unified fabric switch

**Answer: B**

**New Question**What are two benefits of migrating from a vPC design to FabricPath? (Choose two.)A. infrastructure scalabilityB. lower latencyC. ease of configurationD. network stabilityE. easy to manage

**Answer: AD**

**New Question**What is the primary benefit of implementing Virtual Device Contexts on Nexus hardware In a multi- tenant environment?A. resource isolationB. software partitioningC. resource allocationD. granular monitoring

**Answer: A**

**New Question**An organization is deploying a new load balancing environment to support sensitive applications. The security requirements include discrete IP segments used for VIPs and for the application hosts. What load balancer mode meets the requirements?A. routerB. bridgeC. transparentD. pass-through

**Answer: A**

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