



300-160^{Q&As}

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QUESTION 1

Which component is required to run FCoE?

- A. converged network adapter
- B. iSCSI gateway
- C. host bus adapter
- D. Fibre Channel adapter

Correct Answer: A

Explanation: Computers can connect to FCoE with converged network adapters (CNAs), which contain both Fibre Channel host bus adapter (HBA) and Ethernet Network Interface Card (NIC) functionality on the same adapter card. CNAs have one or more physical Ethernet ports. FCoE encapsulation can be done in software with a conventional Ethernet network interface card, however FCoE CNAs offload (from the CPU) the low level frame processing and SCSI protocol functions traditionally performed by Fibre Channel host bus adapters.

QUESTION 2

What represents the number of bits in an IPv6 address?

- A. 32-bit dotted hex
- B. 48-bit dotted hex
- C. 64-bit dotted hex
- D. 128-bit dotted hex
- E. 160-bit dotted hex

Correct Answer: D

QUESTION 3

Which component of a Cisco Nexus 1000V Series switch is responsible for propagating configurations to virtual switches?

- A. SUP
- B. FEX
- C. VSM
- D. VEM

Correct Answer: D



Product Architecture

The Cisco Nexus 1000V Series Switch has two major components (Figure 1): the virtual Ethernet module (VEM), which runs inside the hypervisor, and the virtual supervisor module (VSM), which manages the VEMs.

Virtual Supervisor Module

The Cisco Nexus 1000V Series VSM controls multiple VEMs as one logical modular distributed virtual switch.

Configuration is performed through the VSM and is automatically propagated to the VEMs.

http://www.cisco.com/c/en/us/products/collateral/switches/nexus-1000v-switch-vmware-vsphere/data_sheet_c78-492971.html

QUESTION 4

Which statement accurately describes Cisco NSF?

- A. To configure NSF for an OSPF routing environment, all Area 0 devices and ABRs must be NSF-aware and must be configured for OSPF graceful restart.
- B. To configure NSF for an IS-IS routing environment, only L1 routers must be NSF-aware and must be configured for IS-IS graceful restart
- C. To configure NSF for a BGP routing environment, all neighboring devices must be NSF-aware and must be configured for BGP graceful restart
- D. To configure NSF for an IS-IS routing environment, only L2 routers must be NSF-aware and must be configured for IS-IS graceful restart

Correct Answer: C

QUESTION 5

Instructions ✕

- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are **two** multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

Scenario ✕

Based on your knowledge of Cisco MDS 9500 Series Fibre Channel Directors and Cisco Nexus 7000 Series Data Center Switches, answer two questions on the supplied topology.



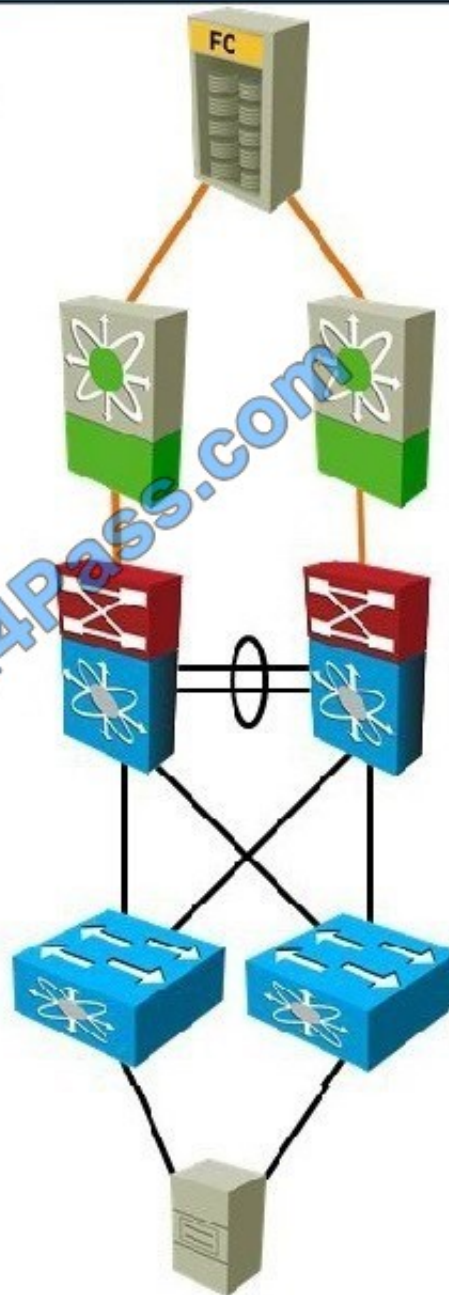
Exhibit1

Dual-Homed Fibre Channel
Storage Controller

Cisco MDS 9500 Series
Fibre Channel Directors

Cisco Nexus 7000
Collapsed Core

Access Layer



Which item represents a hardware requirement on the Cisco MDS 9500 Series Director to achieve Fibre Channel connectivity with the Cisco Nexus 7000 Series data center switch? (Choose one.)

- A. Cisco MDS 9000 Family 48-Port 8-Gbps Advanced Fibre Channel Switching Module
- B. Cisco MDS 9000 Family 4-Port 10-Gbps Fibre Channel Switching Module
- C. Cisco MDS 9000 16-Port Storage Services Node
- D. Cisco MDS 9000 10-Gbps 8-Port FCoE Module

Correct Answer: D



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