



# 642-996<sup>Q&As</sup>

Designing Cisco Data Center Unified Fabric

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### QUESTION 1

You are sizing the aggregation layer for a data center. Which two factors influence the size of the TCAM table space on the aggregation data center switches? (Choose two.)

- A. the QoS policies
- B. the configured VLANs
- C. the configured OSPF networks
- D. the configured security access control list policies
- E. the configured OSPF processes

Correct Answer: BC

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### QUESTION 2

You are planning the compute capacity to allocate virtualized servers. Which three application characteristics should you use to calculate the required capacity? (Choose three.)

- A. the type of database used by the applications
- B. the number of server NICs used by the applications
- C. the amount of data stored by the applications
- D. the advanced CPU features used by the applications
- E. the network bandwidth consumed by the applications
- F. the memory resources consumed by the application
- G. the CPU resources consumed by the application

Correct Answer: CEG

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### QUESTION 3

What introduces unique implications into the overall Data Center aggregation layer design? (Choose Three.)

- A. High-speed switching fabric with a high forwarding rate
- B. Over-subscription values
- C. Service Modules
- D. IP routing
- E. WAN



F. Internet Edge

Correct Answer: ABC

#### QUESTION 4

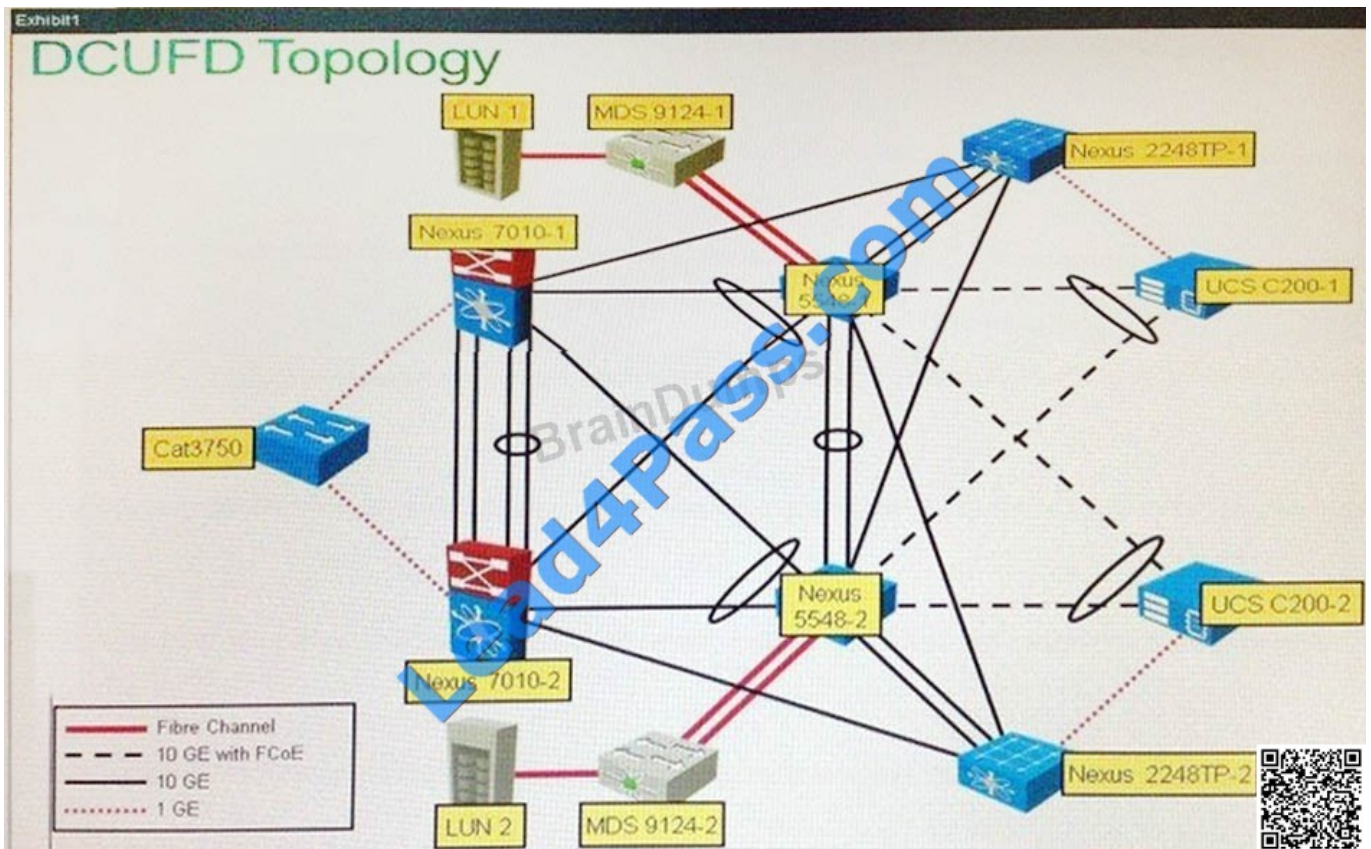
You are designing the aggregation layer for a data center that will use Cisco Nexus 5000 Series Switches. The data center will have more than 500 Fibre Channel domains. Which configuration is required for the design?

- A. Access switches must be in N Port proxy mode.
- B. Access switches must be in N Port mode.
- C. The SAM director switch must be installed and configured.
- D. DCNM for SAN must be installed and configured.

Correct Answer: C

#### QUESTION 5

Scenario Review topology and screenshots, and then answer questions that validate your knowledge of Cisco Nexus Switches.



Instructions



To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.

Review the Exhibit associated with the question.

There are four multiple-choice questions with this task.

Be sure to answer all four questions before selecting the Next button



Refer to the Topology in Exhibit 1. Which of the following statements is true?

- A. All four links from the Cisco Nexus7000s to the Cisco Nexus 5000s are forwarding.
- B. Multipath I/O from the Cisco UCS C200 servers to Fibre Channel storage is unavailable with this topology.
- C. The Fabric Extenders are simultaneously active on the Cisco Nexus 5000s and Cisco Nexus 7000 switches.
- D. The Fabric Extenders support FCoE.

Correct Answer: B

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