



Vendor: Cisco

Exam Code: 300-160

Exam Name: Designing Cisco Data Center Infrastructure
(DCID)

Version: DEMO

QUESTION 1

Which Cisco UCS Fabric Extender provides up to 160 Gbps of bandwidth to the Cisco UCS chassis?

- A. UCS 2208XP
- B. UCS 2204XP
- C. UCS 2104XP
- D. UCS 2108XP

Answer: A

QUESTION 2

Cisco VM-FEX technology extends Cisco Fabric Extender technology to the virtual machine that eliminates which of the following?

- A. The dedicated interface on the parent switch is eliminated.
- B. The software-based switch in the hypervisor is eliminated.
- C. All virtual machine traffic is eliminated.
- D. The need for a physical switch is eliminated.

Answer: B

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

Answer: ABC

QUESTION 4

Your customer is designing a new data center and would like the aggregation layer to be able to route and have Layer 3 capability.

What Cisco platform will meet this requirement?

- A. Cisco Nexus 1000v
- B. Cisco Nexus 5596 without Layer 3 daughter card
- C. Cisco MDS 9506 chassis with supervisor engine
- D. Cisco Nexus 7010 switch with Enterprise Services Package

Answer: D

QUESTION 5

What three key principals are to be followed when using Appliance ports for NFS traffic with

NetApp arrays? (Choose three.)

- A. Must have L2 Ethernet upstream for failure cases, one cannot just deploy a Storage array and UCS hardware.
- B. Minimum of one uplink ports per FI required.
- C. At a minimum pair of 1Gig links per multimode VIF is recommended.
- D. At a minimum pair of 10 Gig links per multimode VIF is recommended.
- E. Always enable IP storage VLAN on the FI uplinks for data traffic failover scenarios.
- F. Always enable VLAN on the FI uplinks for data traffic failover scenarios. G. At a minimum pair of 1 Gig links per multimode VIF is recommended.

Answer: ADE

QUESTION 6

Which protocol can you use to automate the process of provisioning new devices in a data center?

- A. LISP
- B. LACP
- C. PAgP
- D. LDP
- E. POAP

Answer: E

QUESTION 7

What are the benefits of an Adapter FEX?

- A. requires fewer adapters, cables, network ports, and network devices
- B. provides the ability to VMware VMotion across data centers
- C. reduces complexity in the data center
- D. works with the IEEE 802.1RB standard

Answer: A

QUESTION 8

In the data center architecture, which layer performs load balancing between data centers?

- A. Core layer
- B. Access layer
- C. Aggregation layer
- D. Collapse core

Answer: A

QUESTION 9

When designing a collapsed core data center, which two technologies are used to virtualize the core and aggregation layers? (Choose two.)

- A. FCoE
- B. LISP
- C. HSRP
- D. VDC
- E. VRF

Answer: DE

QUESTION 10

Which two descriptions of what occurs when you use a Cisco Nexus 7000 Series Switch as an FCoE switch are true? (Choose two.)

- A. You can forward IP traffic from the storageVDC.
- B. You can configure an FCoE port in any VDC.
- C. You can configure an FCoE port to be shared between the storage VDC and one other VDC.
- D. You can use M-Series and F-Series modules in the storage VDC.
- E. You can configure an FCoE port in the storageVDC only.

Answer: BC

QUESTION 11

Which statement about Cisco UCS pass-through switching is true?

- A. It requires a license.
- B. It requires VMDirectPath enabled.
- C. Inter VM traffic is sent through the hypervisor switch.
- D. It allows the management of the virtual network and configuration of virtual ports to be handled within Cisco UCS manager.

Answer: D

QUESTION 12

You are planning to build a new SAN network that will have 25 4-Gbps host ports and two 8-Gbps storage uplink ports.

Which option is the oversubscription ratio on a Cisco MDS switch?

- A. 7:1
- B. 6:1
- C. 10:3
- D. 5:3
- E. 4:1

Answer: B

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