

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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