



642-998^{Q&As}

Designing Cisco Data Center Unified Computing

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**QUESTION 1**

On which two operating systems is Cisco UCS Manager supported? (Choose two.)

- A. Microsoft Windows XP
- B. Red Hat Enterprise Linux 5.0 or higher
- C. OS X
- D. VMware vSphere 4.0
- E. VMware vSphere 5.0

Correct Answer: AB

QUESTION 2

Which two terms relate to the capability of a physical NIC to present virtual NICs to the operating system or hypervisor? (Choose two.)

- A. VM-FEX
- B. NPIV
- C. Adapter-FEX
- D. NIV
- E. host vPC
- F. NIC teaming

Correct Answer: CD

QUESTION 3

Your customer has a requirement to load balance traffic to rich media servers connected to the data center access layer.

Which Cisco ACE Service Module deployment topology will yield the highest potential bandwidth to subscribers?

- A. Transparent
- B. One-Arm
- C. Routed
- D. Inline
- E. Asymmetric Server Normalization



Correct Answer: E

QUESTION 4

Which option is a recommended practice when migrating from an existing data center to a new data center?

- A. Assign multiple virtual servers per one high-performance server.
- B. Utilize the hypervisor tools available to ensure processor compatibility.
- C. Only migrate bare metal servers when transitioning from rack-mountable to blade servers.
- D. Utilize FabricPath across data centers to manage the migration.

Correct Answer: B

QUESTION 5

Which four features are included in Cisco DCNM for SAN Essential Edition? (Choose four.)

- A. real-time performance monitoring
- B. configuration backup
- C. device manager
- D. configuration analysis tools
- E. continuous health and event monitoring
- F. historical performance monitoring
- G. tools for network diagnostics and troubleshooting
- H. management of multiple fabrics

Correct Answer: ACDG

QUESTION 6

Which EtherType value is found in FabricPath encapsulated frames?

- A. 0x8100
- B. 0x8903
- C. 0x8914
- D. 0x86DD
- E. 0x8906



Correct Answer: B

QUESTION 7

Which three components are needed to implement Cisco VM-FEX on the Cisco UCS platform? (Choose three.)

- A. a Cisco Nexus 1000V Series distributed virtual switch
- B. the NIV feature
- C. the Cisco N-Port Virtualizer feature
- D. a VMware distributed virtual switch
- E. a Cisco Nexus 7000 Series Switch
- F. a VMware standard switch

Correct Answer: ABC

QUESTION 8

Which appliance port is connected to a Cisco UCS?

- A. Nexus port
- B. Fibre Channel storage
- C. Catalyst switch port
- D. NFS storage

Correct Answer: D

QUESTION 9

Which option is a characteristic of the data center aggregation layer?

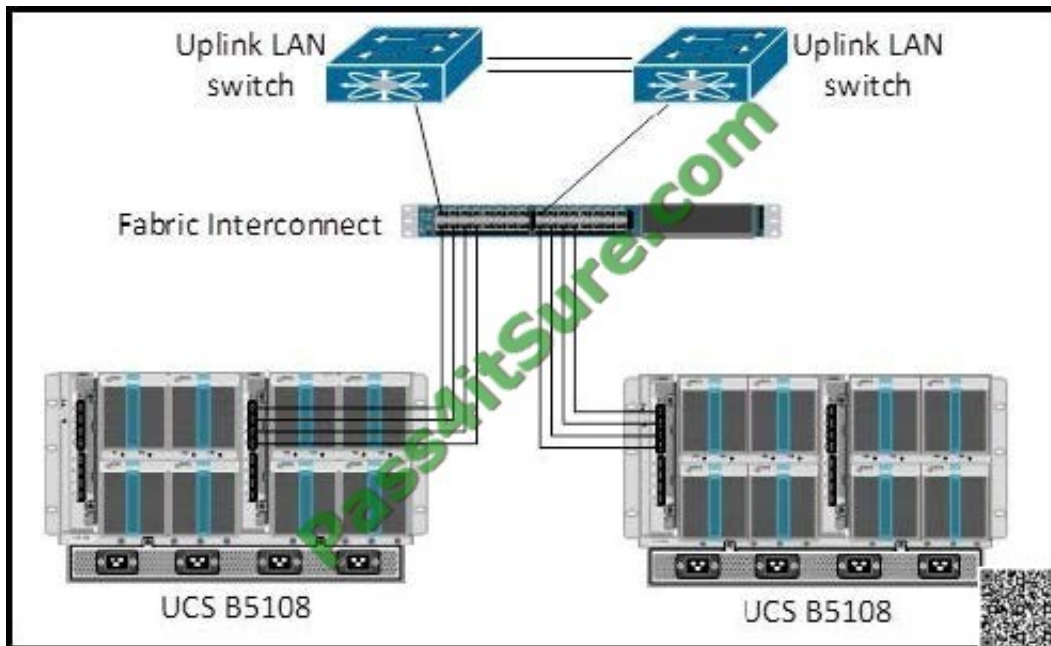
- A. segments groups of applications and isolates problems
- B. provides access for IP multicast applications
- C. offers QoS services, such as the classification and marking of traffic
- D. is a high-speed backbone of the data center

Correct Answer: A

QUESTION 10



Refer to the exhibit.



You have a virtual machine configured on each Cisco UCS B200 Series blade server installed on different Cisco UCS 5108 chassis. The virtual machines are on the same VLAN. The fabric interconnect is in end-host mode. Which statement describes how communication occurs between the virtual machines?

- A. Traffic is switched within the virtual switch and forwarded to the proper vNIC.
- B. Traffic is switched by the hypervisor and forwarded to the proper vNIC.
- C. Traffic is switched by the fabric interconnect and forwarded to the virtual machine.
- D. Traffic is forwarded to the uplink switch where the fabric interconnect is connected.

Correct Answer: C

QUESTION 11

Which tool was used to manage Cisco Storage networking before Cisco DCNM?

- A. Cisco UCS Manager
- B. Cisco Adaptive Security Device Manager
- C. Cisco UCS Director
- D. Cisco Fabric Manager

Correct Answer: D

QUESTION 12



Which technology provides the least amount of input to the data center solution requirements?

- A. cloud compute
- B. storage
- C. desktop
- D. network

Correct Answer: A

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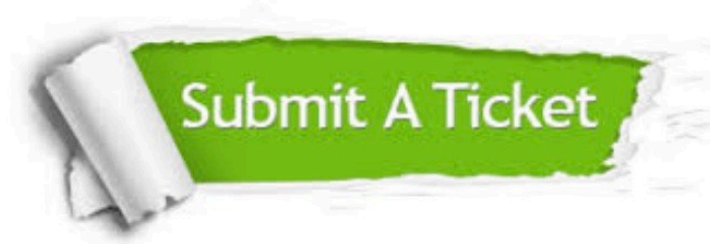
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