



Vendor: Cisco

Exam Code: 300-175

Exam Name: Implementing Cisco Data Center Unified
Computing (DCUCI)

Version: DEMO

QUESTION 1

Which three items must be configured in the Port Profile Client in Cisco Unified Computing System Manager? (Choose three.)

- A. port profile
- B. DVS
- C. data center
- D. folder
- E. VMware vCenter IP address
- F. VM port group

Answer: BCD

QUESTION 2

Which two of the listed BIOS options are required for VM-FEX in high performance mode? (Choose two.)

- A. RSS
- B. interrupt coherency
- C. virtualization technology
- D. cache validation
- E. ATS support

Answer: CE

QUESTION 3

When adding a VMware ESXi host to the Distributed Virtual Switch, what are two risks of migrating a VMNIC that is associated to vSwitch 0? (Choose two.)

- A. loss of access to the management IP interface
- B. duplicate IP address error
- C. duplicate MAC address error
- D. loss of VMware ESXi communication with VMware vCenter
- E. DVS port group will not appear in the VM network settings
- F. DVS port group will overwrite the port groups in vSwitch 0

Answer: AD

QUESTION 4

Which VMware ESXi 5.0 CLI command will validate PassThru interfaces when they are available?

- A. vem status -v
- B. vempassthru-v
- C. vemintf -v
- D. vemifconfig -v
- E. vempts -v

Answer: A

QUESTION 5

Which three items are supported operating systems of the Cisco VM-FEX universal passthrough? (Choose three.)

- A. Oracle Solaris 11
- B. Red Hat Enterprise Linux 6.0
- C. Microsoft Windows Server 2003 SP3
- D. Microsoft Windows Server 2008
- E. Ubuntu Server 12.2
- F. SLES 11

Answer: BDF

QUESTION 6

Which two VMware features must be turned off in the data center cluster for Cisco VM-FEX universal passthrough to operate? (Choose two.)

- A. VMCI
- B. DRS
- C. FT
- D. HA
- E. vMotion

Answer: AC

QUESTION 7

Which two VMware features will not allow an adapter to transition from Cisco VM-FEX standard mode to universal passthrough mode? (Choose two.)

- A. VM Snapshot
- B. Volume Shadow Copy
- C. Storage vMotion
- D. HA
- E. Resource Reservations

Answer: AC

QUESTION 8

Which of the following is true concerning Fibre Channel communications on a Cisco Unified Computing System?

- A. Each VSAN requires a dedicated VLAN to carry FCoE traffic.
- B. FCoE VLANs are created like Ethernet VLANs on Cisco Unified Computing System Manager.
- C. FCoE VLANs may overlap with Ethernet VLANs.
- D. Cisco Unified Computing System Manager supports a maximum of 128 active VSANs.

Answer: A

QUESTION 9

Which of the following are true concerning authentication within a Cisco Unified Computing System?

- A. Authentication domains are used to leverage individual authentication systems.
- B. You can create up to 64 authentication domains, each associated with a provider group and realm in Cisco Unified Computing System Manager.
- C. At login, the user can select the authentication domain to be used.
- D. Cisco Unified Computing System supports LDAP or RADIUS for remote authentication.
- E. A locally authenticated user account is authenticated directly through the fabric interconnect.

Answer: E

QUESTION 10

Which of the following scenarios accurately demonstrate how the Cisco Unified Computing System ensures that a firmware upgrade is minimally disruptive to the data center unified fabric?

- A. If an I/O module is upgraded to a version that is incompatible with its fabric interconnect, the fabric interconnect can automatically reactivate the I/O module to a compatible version.
- B. If components like server BIOS, HBA, and RAID controller firmware are unsuccessfully updated through direct firmware updates, the update process will fall back to a host firmware package that is associated with the service profile.
- C. If an update of the subordinate fabric interconnect leaves it in a nonusable state, the primary fabric interconnect will automatically be updated to ensure that one fabric interconnect is running the most recent firmware.
- D. After Cisco Unified Computing System Manager upgrades the subordinate node, only then is the active management node automatically synchronized.

Answer: A

QUESTION 11

How many links are there between a second-generation IOM (Cisco UCS 2204 or 2208) and a third-generation half-width blade (Cisco UCS B200 M3 or B22 M3) in a Cisco UCS system?

- A. 1
- B. 2
- C. 4
- D. 8

Answer: C

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