



Implementing Cisco Data Center Unified Computing

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#### **QUESTION 1**

Which option describes the possible result of a customer configuring a server pool that contains Cisco UCS B200 M2 and B250 M2 blades?

A. A service profile cannot migrate automatically from one blade to another blade within the server pool due to hardware failure.

B. You must decommission a blade server for the associated service profile to migrate to another blade in the server pool successfully.

C. You must uncheck the Restrict Migration box in the service profile to allow service profile migration between blades in the server pool.

D. After service profile migration, the server fails in boot from SAN due to differences in PCI device IDs.

Correct Answer: D

#### **QUESTION 2**

Under which condition can you select the option to "remove" a blade server from within the Cisco UCS Manager?

- A. The server has been decommissioned before physical removal.
- B. The server has been sent a diagnostic interrupt.
- C. The server has been physically removed before decommission.
- D. The server has been powered down.

Correct Answer: C

#### **QUESTION 3**

Which statement about Cisco Integrated Management Controller secure mode is true?

- A. After you enable it, you cannot disable it.
- B. After you enable it, you cannot downgrade the Cisco Integrated Management Controller firmware.
- C. It verifies the OS before allowing it to boot.
- D. The server must reboot to apply.

Correct Answer: A

# **QUESTION 4**

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

Correct Answer: CE

# **QUESTION 5**

Refer to the exhibit.

Properti	ies	
	Name: mgmt-vlan-14net	
	MAC: Derived	
	VLAN ID: 832	
	Native VLAN:	
	Owner: Logical	
	Type: Ether	
Operational VLAN Instance: tabric/lan/net-mgmt-vlan-14net		
Opera	ational VLAN Name: mgmt-vlan-14net	

An admin is configuring VLANs on a Cisco UCS B-Series vNIC. Which two statements about the traffic coming from the operating system with this configuration are true? (Choose two.)

- A. The VLAN must be configured with ID 832 within the operating system.
- B. No VLAN tag should be added in the operating system.
- C. If traffic comes in untagged on this vNIC, it is placed in VLAN 832.
- D. This configuration is not supported when hypervisors are used.
- E. The uplink ports of the fabric interconnect have the native VLAN set to ID 832.

Correct Answer: BC

#### **QUESTION 6**



When configuring roles in the Cisco UCS C-Series, which role should be assigned for a person who must be allowed to power on the server and install a hypervisor using virtual media, but not allowed to configure other Cisco Integrated Management Controller settings?

- A. read-only
- B. user
- C. VM admin
- D. admin

Correct Answer: B

## **QUESTION 7**

Refer to the exhibit.

Table 1           1 - Fabric uplink interface active	All the HIF ports are pinned to the active uplink interface
Table 2           2 - Fabric uplink interfaces active	HIF Ports : 1,2,3,4 to uplink interface 1 HIF Ports: 5,6,7,8 to uplink interface 2
Table 3         4 - Fabric uplink interfaces active	HIF Ports: 1.8 to uplink interface 1 HIF Ports: 2,3 to uplink interface 2 HIF Ports: 6,7 to uplink interface 3 HIF Ports: 4,5 to uplink interface 4
Table 4         8 – Fabric uplink interfaces active	HIV Port: 1 to uplink interface 1 HIV Port: 2 to uplink interface 2 HIV Port: 3 to uplink interface 3 HIV Port: 4 to uplink interface 4 HIV Port: 5 to uplink interface 5 HIV Port: 6 to uplink interface 6 HIV Port: 7 to uplink interface 7 HIV Port: 8 to uplink interface 8

Which tables correctly map the HIF ports to active FEX NIF ports on a Cisco UCS 2208X IOM in discrete pinning mode?

- A. Table 2 and Table 4
- B. Table 1 and T able 4
- C. Table 2 and Table 3
- D. Table 1 and Table 2
- E. Table 3 and Table 4



#### Correct Answer: B

#### Reference:

http://www.cisco.com/c/en/us/td/docs/unified\_computing/ucs/ts/guide/UCSTroubleshooting/ UCSTr oubleshooting\_chapter\_01001.html

## **QUESTION 8**

How does a dynamic vNIC get allocated?

- A. Dynamic vNICs are assigned to VMs in VMware vCenter.
- B. Dynamic vNICs can only be bound to the service profile through an updating template.
- C. Dynamic vNICs are bound directly to a service profile.
- D. Dynamic vNICs are assigned by binding a port profile to the service profile.

#### Correct Answer: C

### **QUESTION 9**

Which two are true with respect to the switching modes on the Cisco Unified Computing System 62XX Fabric Interconnect? (Choose two.)

A. End-host mode presents a link to a northbound uplink switch as a host trunk with loop detection that is provided by STP.

B. For northbound traffic, server MAC addresses are statically pinned to an uplink; the return path is controlled by the unified fabric switches.

C. A fabric interconnect port in Ethernet switching mode appears to the uplink switch as a host with many MAC addresses.

D. Server-to-server traffic on a common VLAN are locally switched by the fabric interconnect and not the northbound switches.

E. A MAC forwarding table is not used to forward traffic to the uplink switch.

F. A MAC address forwarding table is maintained for server-to-server communications across VLANs.

#### Correct Answer: DE

#### **QUESTION 10**

Which two policies can specify that a port channel be configured between the fabric extender and fabric interconnect? (Choose two.)

A. chassis or fabric extender discovery policy



- B. rack server discovery policy
- C. rack management connection policy
- D. server inheritance policies
- E. autoconfig policies
- F. chassis connectivity policy
- Correct Answer: AF

Reference:

http://www.cisco.com/c/en/us/td/docs/unified\_computing/ucs/sw/gui/config/guide/20/b\_UCS M\_GUI\_Configuration\_Guide\_2\_0/b\_UCSM\_GUI\_Configuration\_Guide\_2\_0\_chapter\_01

100.html

#### **QUESTION 11**

When using VM-FEX, the new VMs are not connected, but existing VMs are unaffected. Which option describes the most likely cause?

- A. Binding is set to ephemeral on the DVS, but it must be set to static.
- B. Dynamic NICs have been exhausted.
- C. Hostd on the host has stopped responding to Cisco UCS Manager.
- D. The adapter has failed.

Correct Answer: B

#### **QUESTION 12**

What is the purpose of the maximum ports that are filed in the port profile?

- A. determines the maximum number of uplinks that VMs can use
- B. determines the maximum number of VMs that can use the DVS
- C. determines the maximum number of DVSs that can use the port profile
- D. determines the maximum number of dynamic vNICS on the DVS

Correct Answer: D

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