Vendor: Cisco

Exam Code:300-175

Exam Name: Cisco Data Center Unified Computing

Version: Demo

QUESTION 1

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

Correct Answer: AD

QUESTION 2

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 3

You plan to register a Cisco UCS domain to a Cisco UCS Central system UCS Central with determine the policy configuration. Which policy resolution mode must you use when you register the UCS domain?
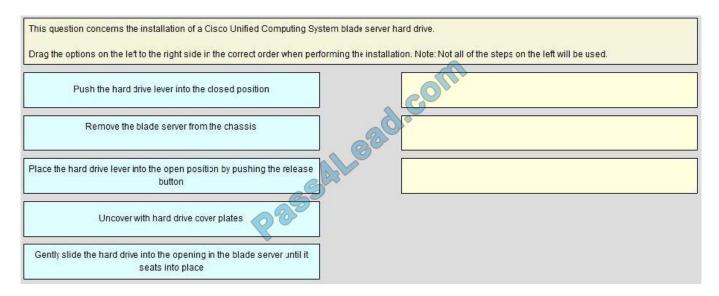
A. Global

B. Private

C. Local

D. Central

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-central/deployment-guide/1-0/b_UCSC_Deployment_Guide_10/b_UCSC_Deployment_Guide_10_chapter_0100.pdf
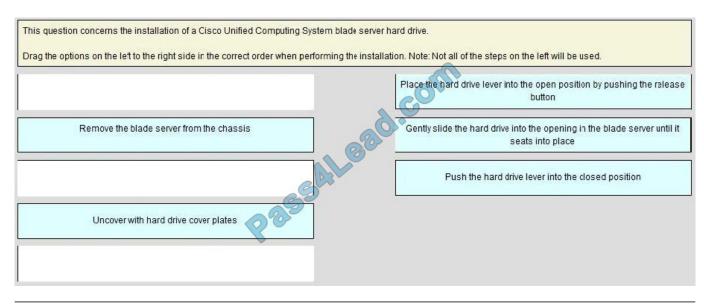
QUESTION 4

Drag Drop This questions concerns the installation of a Cisco Unified Computing System blade server hard drive. Drag the options on the left to the right side in the correct order when performing the installation. Note: Not all of the steps on the left will be used.

Select and Place:

This question concerns the installation of a Cisco Unified Computing System blade server hard drive.

Drag the options on the left to the right side in the correct order when performing the installation. Note: Not all of the steps on the left will be used.

Push the hard drive lever into the closed position	
Remove the blade server from the chassis	
Place the hard drive lever into the open position by pushing the release button	
Uncover with hard drive cover plates	
Gently slide the hard drive into the opening in the blade server until it seats into place	

Correct Answer:

This question concerns the installation of a Cisco Unified Computing System blade server hard drive.

Drag the options on the left to the right side in the correct order when performing the installation. Note: Not all of the steps on the left will be used.

	Place the hard drive lever into the open position by pushing the release button
Remove the blade server from the chassis	Gently slide the hard drive into the opening in the blade server until it seats into place
	Push the hard drive lever into the closed position
Uncover with hard drive cover plates	

QUESTION 5

When performing a backup through Cisco UCS Manager, which backup type must you to backup locally authenticated users?

A. System configuration

B. All configuration

C. Full State

D. Logical Configuration

Correct Answer: A

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-0/b_UCSM_GUI_Configuration_Guide_2_0/b_UCSM_GUI_Configuration_Guide_2_0_chapter_0100111.pdf System configuration - An XML file that includes allsystem configuration settingssuch as usernames, roles, and locales. You can use the file generated from this backup to import these configuration settings to the original fabric interconnect or to a different fabric interconnect. You cannot use this file for a system restore.

QUESTION 6

In a standalone Cisco UCS C-Series server, which recommendations can be used to upgrade the BIOS?

A. Cisco IMC

B. Cisco UCS Manager

C. iFlash32 Utility

D. Flash ROM Utility

E. EFI Interface

F. Cisco Host Upgrade Utility

G. USB Flash Utility

Correct Answer: F

QUESTION 7

In which situation would you be required to change a Cisco UCS system from end-host mode to switching mode?

A. Design requirements call for the use of fabric failover.

B. Fabric interconnect is connecting to disjoint Layer 2 networks upstream.

C. HSRP routers are directly connected to the fabric interconnect.

D. Upstream Cisco Nexus 5000 is configured for vPC.

Correct Answer: C

QUESTION 8

Which three components are parts of the Cisco UCS -Series Blade Server software bundle? (Choose three.)

A. the adapter firmware

B. the Kernel and system firmware for fabric interconnects

C. the BIOS firmware

D. the IOM firmware

E. the Cisco UCS Manager software

F. the board controller firmware

Correct Answer: ACF

http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/firmware-mgmt/gui/2-2/b_GUI_Firmware_Management_22/b_GUI_Firmware_Management_22_chapter_0100.html

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QUESTION 9

When designing a data center with Cisco UCS, which of these design criteria can you use to figure maximum server performance?

A. LUN space expansion

B. average and peak CPU load

C. link throughput and utilization

D. forwarding capacity of the router

Correct Answer: B

QUESTION 10

You need to automate the management of servers, networks, and storage on a Cisco UCS system, by using PowerShell. Which tool should you use?

A. Cisco UCS Platform Emulator

B. Cisco UCS Python SDK

C. Cisco UCS Automation Tool

D. Cisco UCS PowerTool Suite

Correct Answer: D

http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/microsoft-applications-on-ucs/brochure_c02-705764.html

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QUESTION 11

Instructions

Open the windows by clicking on the minimized title at the bottom of the viewing area.
Windows can be minimized by clicking on the [-], repositioned by dragging the title bar, and
resized by using the handle at the lower right corner to customize the viewing area.

If you are required to access the devices to complete this scenario, the mouse cursor will
use a hand symbol when moved over device icons. Click the icon to open a device terminal
to interact with the hardware.

Open the **Questions** window and begin by clicking a question number. When you have
completed answering all questions, click **Done** to continue.

Scenario

Use your UCS knowledge on Fabric Interconnect Failover to answer the questions associated with the
UCS cluster.

Exhibit1

```
UCS-A# show cluster state
Cluster Id: 0xfc436fa8b8511e0-0xa370000573cb6c04

A: UP, PRIMARY
B: UP, SUBORDINATE

HA READY
UCS-A# connect local-mgmt
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
Copyright (c) 2002-2011, Cisco Systems, Inc. All rights reserved.
The copyrights to certain works contained in this software are
owned by other third parties and used and distributed under
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the GNU General Public License (GPL) version 2.0 or the GNU
Lesser General Public License (LGPL) Version 2.1. A copy of each
such license is available at
http://www.opensource.org/licenses/gpl-2.0.php and
http://www.opensource.org/licenses/lgpl-2.1.php

UCS-A(local-mgmt)# cluster lead b
UCS-A(local-mgmt)#
```
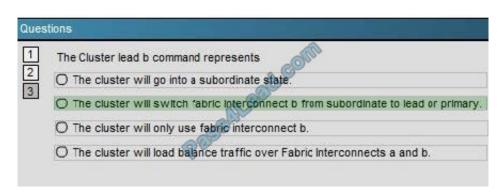
Hot Area:

Questions

1	The Cluster lead b command represents
2	○ The cluster will go into a subordinate state.
3	○ The cluster will switch 'abric interconnect b from subordinate to lead or primary.
	○ The cluster will only use fabric interconnect b.
	○ The cluster will load balance traffic over Fabric Interconnects a and b.

Correct Answer:

Questions

1	The Cluster lead b command represents
2	○ The cluster will go into a subordinate state.
3	● The cluster will switch 'abric interconnect b from subordinate to lead or primary.
	○ The cluster will only use fabric interconnect b.
	○ The cluster will load balance traffic over Fabric Interconnects a and b.

QUESTION 12

Which consideration must be made while performing backup operations within the Cisco UCS Manager?

A. Each backup destination can have multiple backup operations.

B. Backups can be scheduled ahead of time.

C. A user can perform incremental backups of a system configuration.

D. Rerunning an existing backup operation overwrites the existing backup file.

Correct Answer: D

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