



300-175^{Q&As}

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QUESTION 1

HOTSPOT

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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.

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

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: 0xfc436fa8b68511e0-0xa370000573cb6c04

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
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http://www.opensource.org/licenses/lgpl-2.1.php

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

Hot Area:

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1 Which statements is true regarding the Fabric Interconnect Failover configuration changes?

2

3

High availability is being setup so that cluster a and b can both be subordinate or primary.

The fabric interconnect b changes from subordinate to primary.

High availability is setup so that fabric interconnect will keep a to be primary and b will be lead.

The Fabric interconnect can have two lead states, so that b will switch to primary and a will stay primary.

Correct Answer:



QUESTION 2

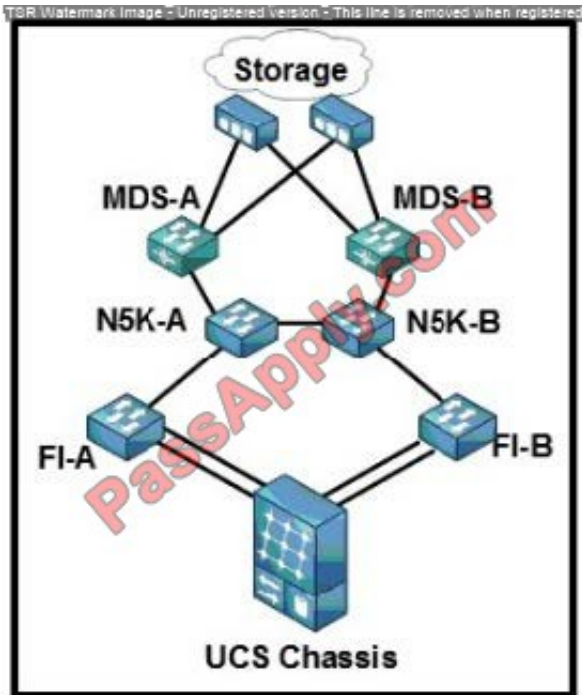
Which consideration must be made when utilizing a WWxN pool?

- A. Only HBA templates can use WWxN pools.
- B. WWNN assignment must be set to derived.
- C. WWPN assignment must be set to derived.
- D. A SAN connectivity policy must be used.

Correct Answer: C

QUESTION 3

Refer to the exhibit. You are implementing Fibre Channel smart zoning, and you need to prevent RSCN events. Which two configurations use the hardware resources efficiently? (Choose Two)



- A. The NPV feature enabled upstream
- B. A Cisco UCS Fabric Interconnect that uses end-host mode
- C. Storage that is directly attached to the Cisco UCS Fabric Interconnect
- D. The NPIV feature enabled upstream
- E. A cisco UCS Fabric Interconnect that uses Fabric Channel switch mode

Correct Answer: BD

QUESTION 4

Which protocol is not supported for Cisco UCS backups and imports?

- A. FTP
- B. TFTP
- C. SCP
- D. SFTP
- E. HTTP

Correct Answer: E



QUESTION 5

This question concerns provisioning a workload on a Cisco UCS System. Drag the options on the left to the right side in the correct order.

Select and Place:

| | |
|--------------------------|--|
| Adapter Policy | |
| Org hierarchy | |
| Pools | |
| Server Policy | |
| Service Profile Template | |

Correct Answer:

| | |
|--|--------------------------|
| | Org hierarchy |
| | Pools |
| | Adapter Policy |
| | Service Profile Template |
| | Server Policy |

QUESTION 6



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Exhibit1
UCS-A# show cluster state
Cluster Id: 0xfc436fa8b88511e0-0xa370000573cb6c04

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HA READY
UCS-A# connect local-mgmt
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
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UCS-A(local-mgmt)# cluster lead b
UCS-A(local-mgmt)#
```

Hot Area:

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Questions

1 The connect local-mgmt command is required

2 to allow the fabric interconnect to use the force command to be subordinate.

3 To allow local management of the cluster to be configured.

To configure HA on all fabric interconnect .

To enable the fabric interconnect for a different HA state.

Correct Answer:

TSR Watermark Image - Unregistered version - This line is removed when registered

Questions

1 The connect local-mgmt command is required

2 to allow the fabric interconnect to use the force command to be subordinate.

3 To allow local management of the cluster to be configured.

To configure HA on all fabric interconnect .

To enable the fabric interconnect for a different HA state.



QUESTION 7

Which command set must you use to launch the Auto Install of new firmware in a Cisco UCS environment?

- A. UCS-A# scope system UCS-A/system # scope install UCS-A/system/install # install infra infra-vers infrastructure-bundle-version
- B. UCS-A# scope firmware UCS-A/firmware # scope auto-install UCS-A/firmware/auto-install # install infra infra-vers infrastructure-bundle-version
- C. UCS-A# scope firmware UCS-A/firmware # scope install UCS-A/firmware/install # install infra infra-vers infrastructure-bundle-version
- D. UCS-A# scope system UCS-A/system # scope auto-install UCS-A/system/auto-install # install infra infra-vers infrastructure-bundle-version

Correct Answer: B

QUESTION 8

Which option lists the features that are needed to install VMware ESXi on a local drive from an image file?

- A. Virtual Media and VMFS
- B. Virtual Media and Virtual KVM
- C. Virtual Boot and VMFS
- D. Virtual KVM and Virtual Boot

Correct Answer: B

<http://www.techrepublic.com/blog/smb-technologist/installing-vsphere-on-cisco-ucs-c-series-servers/>

QUESTION 9

You must use a Cisco maintenance policy to create a deferred deployment that is independent of operating system actions. What must you include in the maintenance policy?

- A. description
- B. schedule
- C. BIOS policy
- D. reboot policy

Correct Answer: D

QUESTION 10



An engineer is performing firmware upgrades through Cisco UCS Manager. Which firmware upgrade causes the server to be powered off during the upgrade and powered on after the upgrade is complete?

- A. adapter
- B. board controller
- C. BIOS
- D. storage controller

Correct Answer: B

https://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_0110.html#concept_B63926AE193641ACA272EB8DEFC91ADD The following endpoints only require activation because the specified firmware image already exists on the endpoint: Cisco UCS Manager Fabric interconnects Board controllers on those servers that support them

QUESTION 11

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.

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http://www.opensource.org/licenses/lgpl-2.1.php

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

Hot Area:



TSR Watermark Image - Unregistered version - This line is removed when registered

Questions

1 The Cluster lead b command represents

2 The cluster will go into a subordinate state.

3 The cluster will switch fabric 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:

TSR Watermark Image - Unregistered version - This line is removed when registered

Questions

1 The Cluster lead b command represents

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The cluster will only use fabric interconnect b.

The cluster will load balance traffic over Fabric Interconnects a and b.

QUESTION 12

Which two statements about the maintenance policy configurations available from the Cisco UCS Manager GUI are true? (Choose two.)

- A. A maintenance policy can be defined for the service profile associated to a server and for updating a service profile bound to one or more service profiles.
- B. A maintenance policy is used to configure a nondisruptive upgrade of the Cisco UCS Fabric Interconnects.
- C. A maintenance policy can defer the direct deployment of firmware images for components that use neither the host firmware nor the management firmware packages available in the Cisco UCS Manager, such as fabric interconnects and IOMs.
- D. A maintenance policy can deploy service profile changes immediately, when acknowledged by an admin user or automatically at the time specified in the schedule.
- E. A maintenance policy can be used only to apply nondisruptive service profile changes to servers.

Correct Answer: BD

http://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_011110.html#concept_3735BFD6DA5A49CF90B1B4EEE6BCBF25



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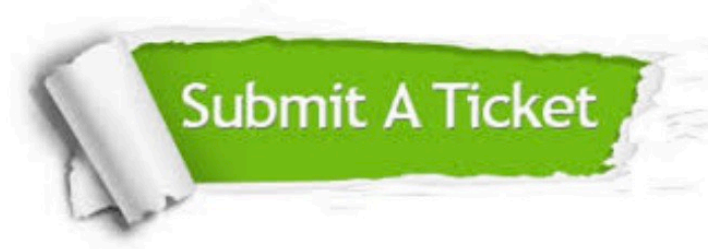
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