

Exam Questions 300-460

Implementing and Troubleshooting the Cisco Cloud Infrastructure (CLDINF)

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NEW QUESTION 1

A Cisco USC Director administrator is configuring his pod on the Physical > Compute Tab. Which three tabs are available under this menu? (Choose three.)

- A. UCS Chassis
- B. Datastore Capacity Report
- C. CloudSense
- D. Chargeback
- E. Compute Servers
- F. Compute Accounts

Answer: AEF

NEW QUESTION 2

Which two statements about management IP pools in Cisco UCS Manager are true? (Choose two.)

- A. The number of IP addresses in the pool is not required when creating management IP pools.
- B. The management IP pool can be created under Physical > Storage in Cisco UCS Director
- C. The management IP pool must contain any IP addresses that have been assigned as static IP addresses for a server or service profile.
- D. All IP addresses in the in the out of band management IP pool must be in the same subnet as the IP address of the fabric interconnect.
- E. IP addresses in the management IP pool are reserved for external access that terminates in the Cisco Integrated Management Controller on a server.

Answer: DE

NEW QUESTION 3

Which two statements about context workflow mapping in Cisco UCS Director are true? (Choose two.)

- A. Workflows cannot be mapped in the form of an action, nor can they be executed in the context of a component
- B. You can execute a workflow that contains a set of tasks from within a context of a component.
- C. Workflows cannot be executed at the component level
- D. You have to browse for a required workflow in the workflow list to execute it
- E. You can map a workflow in the form of an action and execute it in the context of the component
- F. Context workflow mapping consists of two stages: Stage 1 – Create the workflow to the content mapper list by giving in an action label Stage 2 – Add a context mapper task to the workflow that must be mapped as an action

Answer: BE

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/orchestration-guide/5-0/b_UCS_Director_Orchestration_Guide_5_0/b_UCS_Director_Orchestration_Guide_5_0_chapter_0101.html#concept_3BA2EDAD4724218802E5CE3184B27A0

NEW QUESTION 4

A Cisco UCS Director administrator is configuring vHBA. Which four fields are needed to configure vHBA? (Choose four.)

- A. vHBA Name
- B. Adapter Policy
- C. Template Type
- D. Organizations
- E. Description
- F. Fabric ID
- G. UCS Organization Name
- H. UCS Account Name

Answer: ACEF

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/ucs-mgmt-guide/4-0/b_Cisco_UCS_Director_UCS_Management_Guide_40/b_Cisco_UCS_Director_UCS_Management_Guide_40_chapter_0101.html#concept_930C11B6473846DDA5F7F25E88EC8_F33

NEW QUESTION 5

An engineer must ensure that all VXLAN and VTEP processes are kept on purpose-built hardware to ensure that all overlay functions are as fast as possible. In which solution is all VXLAN and VTEP decision making moved to the hardware, versus potentially slower software control?

- A. Layer 3
- B. ACI
- C. NSX
- D. Layer 2

Answer: A

NEW QUESTION 6

A Cisco UCSM administrator has been tasked with deploying a new data center. Which two recommendations aid in the ability to associate a service with a server? (Choose two.)

- A. The host control setting for a QoS policy applies to vNICs onl
- B. It has no effect on a vHBA.
- C. You can assign only a QoS policy to a vHBA if the priority setting for that policy is set to fc, which represents the Fibre Channel system class.
- D. The host control setting for a QoS policy applies to vHBAs only.
- E. Power capping is supported for rack server
- F. If you include a power control policy in aservice profile that is associated with a rack-mount server, the policy is implemented.

Answer: BD

NEW QUESTION 7

A Cisco USCM administrator is creating a boot policy. Which option lists the steps needed to accomplish this task?

- A. In the Navigation pane, click the Servers ta
- B. On the Servers tab, expand Servers > Policies.Right-click Boot Policies and select Create Boot Policy.
- C. In the Navigation pane, click the Equipment tab.Expand Equipment > Rack-Mounts >Servers > Boot Policie
- D. Right-click Boot Orders and select Create Boot Policy.
- E. In the Navigation pane, click the Servers ta
- F. On the Servers tab, expand Servers > Policies.Click Boot Order and the Modify Boot Policy wizard display
- G. Click Modify Boot Policy.
- H. In the Navigation pane, click the Servers ta
- I. On the Servers tab, expand Servers > Policie
- J. Click Boot Security.Click Modify Boot Policy.

Answer: A

NEW QUESTION 8

An engineer has two Windows hosts and a Fibre Channel storage array that are connected to a Cisco MDS 9148 Multilayer Fabric Switch. The engineer needs to add a new ESXi host to the Fibre Channel storage array.

The engineer creates a new zone and zoneset with the ESXi host pWWN and the storage pWWN and then activates the new zoneset. All the Windows hosts immediately lose storage access.

Which option describes the most likely cause of the problem?

- A. A zoning conflict occurred which disconnected the Windows hosts from the storage.
- B. The new zoneset deactivated the existing zoneset.
- C. The existing zoneset was deleted when the new zoneset was activated.
- D. The storage array does not support different operating system hosts.

Answer: A

NEW QUESTION 9

An enterprise is migrating dozens of Hypervisor hosts to UCS B-Series chassis. What UCS feature would be deployed to allow for making a change to all hosts at once?

- A. VLAN groups
- B. updating templates
- C. port profiles
- D. distributed port groups

Answer: B

NEW QUESTION 10

A Cisco USC Director administrator is viewing the workflow input and output status of a service request. Which option lists the steps that accomplish this task?

- A. On the menu bar, choose Organizations > My Approval
- B. Choose a user group.Click the Service Request ta
- C. Choose a service request.Click View Details, and choose the Log tab.
- D. On the menu bar, choose Organizations > Virtual Resource
- E. Click the Service Requests tab.Choose the service request.Click View Details, and choose the Input/Output tab.
- F. On the menu bar, choose Organizations > Service Request
- G. Click the Service Requests tab.Choose the service request.Click View Details, and choose the Input/Output tab.
- H. On the menu bar, choose Organizations > Service Request
- I. Choose a user group.Click the Service Request ta
- J. Choose a service request.Click View Details, and choose the Log tab.

Answer: D

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/cloud-systems-management/intercloud-fabric/2-1-2/userguide/icf/b_Cisco_Intercloud_Fabric_User_Guide_Release_2_1_2/b_Cisco_Intercloud_Fabric_User_Guide_Release_2_0_chapter_01000.html

NEW QUESTION 10

Which option describes the purpose of system VLANs as used in a Cisco Nexus 1000V Switches?

- A. is the equivalent of 802.1q tagging in the Cisco Nexus 1000V
- B. enables interface connectivity before an interface is programmed via the control plane
- C. allows the VSM to send opaque data to all hosts under management
- D. supplements pVLAN functionality in a virtualized environment

Answer: C

NEW QUESTION 12

Refer to the exhibit.

```
CORESW-A# sh vsan membership
vsan 1 interfaces:
```

```
vsan 10 interfaces:
    fc1/23          fc1/24          fc1/25
    fc1/27          fc1/28          fc1/29
    fc1/31          fc1/32
```

```
CORESW-A#
```

A cloud engineer is replicating a FlexPod design. The current design has a Cisco UCS B- Series Chassis with six Cisco B200 M2 blades that connect to a NetApp FAS800 storage array. VSAN 10 is configured on the Cisco Nexus 5000 Series Switch to handle all storage traffic. VMs on the Cisco B200 M2 blades can read and write to NAS on the NetApp FAS8000. The engineer wants to connect a second Cisco UCS B-Series Chassis with four Cisco B200 M4 blades to the NetApp array. The engineer has configured four Fibre Channel uplink ports from the Cisco UCS 6248 UP Fabric Interconnect to the Cisco Nexus Fibre Channel ports fc1/23 and fc 1/24. However, the Fibre Channel ports on the Cisco UCS 6248 fail to initialize after the engineer enables the port.

Which reason for the problem is most likely true?

- A. The SFP type is 10 Gigabit Ethernet instead of 4 Gigabit Ethernet.
- B. The port negotiation speed is set to 8 Gbps.
- C. The switch port mode on the Cisco Fabric Extender Fibre Channel port is set to NP.
- D. The Fibre channel port is set to uplink instead of Fibre Channel storage port.
- E. The VSAN under port properties is incorrect.

Answer: C

NEW QUESTION 16

An engineer has designed a new Cisco UCS Director workflow to create a new Fibre Channel LUN and present it to ESXi hosts. After execution of the workflow, the LUN is not visible to the ESXi hosts. Which two actions must be taken to begin to troubleshoot the failed workflow? (Choose two.)

- A. Look for information within vCenter Server under the Events tab for vCenter Server.
- B. Look at the information that is produced in the rollback script that is associated with the failed workflow.
- C. Look for information within vCenter Server under the Events tab for the applicable ESXi server.
- D. Look for information within Cisco UCS Director under the Log tab of the Service Request Details window.
- E. Look for information within Cisco UCS Director under the Input/Output tab of the Service Request Details window.

Answer: AD

NEW QUESTION 19

A Cisco UCS Director administrator is attempting to view log details for a service request. Which option lists the steps that accomplish this task?

- A. On the menu bar, choose Organizations > My Approvals Click the Service Requests tab.Choose the service request.Click View Details, and choose the Log tab.
- B. On the menu bar, choose Organizations > Service Requests From the left panel, choose a user group.Click the Service Request ta
- C. Choose the service request.Click View Details, and choose the Log tab.
- D. On the menu bar, choose Organizations > My Approvals Click the Service Requests tab.Choose the service request.Click View Details, and choose the Input/Output tab.
- E. On the menu bar, choose Organizations > Virtual Resources From the left panel, choose a user group.Click the Service Request ta
- F. Choose a service request.Click View Details, and choose the Input/Output tab.

Answer: B

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/troubleshooting-guide/b_UCS_Director_Troubleshooting_guide/b_UCS_Director_Troubleshooting_guide_chapter_01011.html#task_B7A72B55419B455D9C1B7A93CF40633A

NEW QUESTION 24

Which option describes the difference between in-band and out-of-band IP management pool in Cisco UCS?

- A. An out-of-band network is the only method to connect with the Cisco IMC blade.
- B. An in-band network policy requires twice the IP address space of an out-of-band policy.
- C. An out-of-band network is reachable over the Fabric Interconnect server interfaces, and in-band network is reachable over uplink interfaces.
- D. An out-of-band network is reachable over the Fabric Interconnect mgmt0 interfaces, and in-band network is reachable over uplink interfaces.

Answer: D

NEW QUESTION 29

Which two fields are needed for a Cisco UCS Director administrator to configure a WWN block? (Choose two.)

- A. the first WWNN or WWPN address in the block
- B. the WWN for the initiator
- C. a unique name for the initiator
- D. a unique name for the block
- E. the number of WWN or WWPN addresses in the block

Answer: AE

NEW QUESTION 30

An administrator is troubleshooting a virtual switch that does not show up when it is added to the host using the port-profile management snap-in. Which action is the next step?

- A. Enable SR-IOV for the virtual switch inside Hyper-V
- B. Add drivers for the virtual switch
- C. Reboot the server
- D. Enable VMBus for the parent partition and the virtual machine

Answer: C

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/vm_fex/hyperv/gui/config_guide/2-1/b_GUI_Hyper-V_VM-FEX_UCSM_Configuration_Guide/b_GUI_Hyper-V_VMFEX_UCSM_Configuration_Guide_chapter_0101.html#task_FD3156BC3C7F48FBB_F728E8A824E81CA

NEW QUESTION 33

An engineer needs to deploy a VMFS datastore. Which two LUNs must the engineer use? (Choose two.)

- A. Fibre Channel
- B. NTFS
- C. NFS
- D. iSCSI
- E. CIFS

Answer: AD

NEW QUESTION 34

A data center admin is trying to use a template to deploy a new Cisco UCS service profile, but finds that the WWPN pool has been exhausted. How can this issue be resolved without changing the service profile template?

- A. Edit the existing WWPN pool and add a new block of addresses.
- B. Create a new WWPN pool using the same name and an address range that start where the previous pool ended.
- C. Edit the existing WWPN pool and expand the existing block of addresses.
- D. Create a new WWPN pool using a different name and an address range that start where the previous pool ended.

Answer: B

NEW QUESTION 37

An administrator is troubleshooting basic connectivity between two Fibre Channel points that include node hops and latency data. Which tool is the best for troubleshooting this scenario?

- A. ping
- B. fctraceroute
- C. traceroute
- D. fcping

Answer: B

Explanation:

Reference: Ping and traceroute are two of the most useful tools for troubleshooting TCP/IP networking problems. The ping utility generates a series of echopackets to a destination across a TCP/IP internetwork.

When the echo packets arrive at the destination, they are rerouted and sent back to the source. Using ping, you can verify connectivity and latency to a particular destination across an IP routed network.

The traceroute utility operates in a similar fashion, but can also determine the specific path that a frame takes to its destination on a hop-by-hop basis.

NEW QUESTION 38

Which two statements describe Ethernet and vEthernet port profiles? (Choose two.)

- A. Ethernet port profiles may only be assigned to Cisco UCS unified ports when configured as type uplink.
- B. Ethernet port profiles are assigned to physical interfaces such as vmnic
- C. vEthernet port profiles are assigned to virtual interfaces such as vNIC, vmk, or VTEP.
- D. An MTU change is required on the Ethernet port profiles to support jumbo frames.
- E. vEthernet port profiles are assigned to physical interfaces such as vmnic
- F. Ethernet port profiles are assigned to virtual interfaces such as vNIC, vmk, or VTEP.
- G. Ethernet port profiles may only be assigned to Cisco UCS unified ports when configured as type virtual uplink.

Answer: BC

NEW QUESTION 40

An FCoE frame has just arrived on a Cisco Nexus 5000 Series Switch and must be switched toward a directly attached FCoE storage array. Which two actions must be done to the frame to accomplish this task? (Choose two.)

- A. The frame is switched out of a physical Fibre Channel interface.
- B. The frame is switched out of a physical Ethernet interface.
- C. The frame is switched out of a logical Ethernet interface.
- D. The frame is switched out of a logical Fibre Channel interface.
- E. The frame encapsulates a UDP/IP packet.
- F. The frame encapsulates a TCP/IP packet.

Answer: BF

NEW QUESTION 45

Which four fields are needed when creating a WWPN pool in Cisco UCS Director? (Choose four)

- A. the first and last WWPN address in the block
- B. the number of WWPN addresses in the block
- C. a unique name for the initiator
- D. the first WWPN address in the block
- E. the WWN for the initiator
- F. a unique name for the pool
- G. the last WWPN address in the block
- H. a description for the pool

Answer: ABFH

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-2/b_UCSM_GUI_Configuration_Guide_2_2/b_UCSM_GUI_Configuration_Guide_2_2_chapter_011001.html#task_8717496137259896828

NEW QUESTION 48

A cloud engineer is implementing a new cloud infrastructure with the following equipment: One Cisco UCS 5108 AC2 B-Series Chassis
Two Cisco Nexus 5000 Series Switches Two Cisco UCS 6248 Fabric Interconnects One Cisco UCS 2208XP Fabric Extender Eight Cisco B200 M4 half-width blades

Which option describes the most likely problem with this deployment?

- A. The half-width blades are not compatible with the chassis.
- B. One additional fabric interconnect is needed, because the chassis can handle only six half-width blades.
- C. Two additional fabric interconnects are needed to handle all four blade servers.
- D. An additional fabric extender is needed.

Answer: D

NEW QUESTION 49

Two companies want to integrate their storage infrastructure. Both companies use a single Cisco MDS 9513 Multilayer Director, but they use Fibre Channel storage arrays from different vendors. Physical connectivity between the two Cisco MDS 9513s is already in place. No common VSAN IDs exist between the two companies. Which option is most likely to achieve the goal?

- A. Configure NPV.
- B. Configure static FCIDs.
- C. Change the storage arrays to the same vendor.
- D. Enable FC-NAT.
- E. Configure IVR.

Answer: A

NEW QUESTION 53

A Cisco UCS Director administrator is charging the boot . Which option lists the steps that accomplish this task?

- A. On the menu bar, choose Physical > Storage. In the left pane, expand the pod and then click the Cisco UCS Manager account In the right pane, click the Organizations tab Click the organization in which you want to modify a policy and then click View details Click the Manage Boot Order tab. Choose the boot policy that you want to clone and click Manage Boot Order
- B. On the menu bar, choose Physical > Compute. In the left pane, expand the pod and then click the Cisco UCS Manager account In the right pane, click the Organizations tab Click the organization in which you want to modify a policy and then click View details Click the Manage Boot Order tab. Choose the boot policy that you want to clone and click Manage Boot Order
- C. On the menu bar, choose Physical > Storage. In the left pane, expand the pod and then click the Cisco UCS Manager account In the right pane, click the Organizations tab Click the organization in which you want to modify a policy and then click View details Click the Boot Policies tab. Choose the boot policy that you want to clone and click Manage Boot Devices Order
- D. On the menu bar, choose Physical > Compute. In the left pane, expand the pod and then click the Cisco UCS Manager account In the right pane, click the Organizations tab Click the organization in which you want to modify a policy and then click View details Click the Boot Policies tab. Choose the boot policy that you want to clone and click Manage Boot Devices Order

Answer: D

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/ucs-central-mgmtguide/4-1/b_Cisco_UCS_Director_UCSCentral_Mgmt_Guide_41/b_Cisco_UCS_Director_UCSCentral_Mgmt_Guide_41_chapter_0111.html#concept_2313A9F59CD94237819D14A3CA608D_FD

NEW QUESTION 55

In which topology should Cisco UCS vNIC Fabric Failover be enabled?

- A. on every vNIC on every service profile
- B. only on vNICs assigned to hypervisors
- C. only on vNICs assigned to bare metal operating systems
- D. only on vNICs when an operating system level teaming driver is unavailable

Answer: D

NEW QUESTION 57

Which four options are required on a DHCP server to enable PXE boot? (Choose four.)

- A. boot server host name (TFTP server hostname or IP address)
- B. subnet mask
- C. DNS server
- D. lease time
- E. domain name
- F. bootfile name
- G. router (Gateway)

Answer: ABCG

Explanation:

Reference: Refer to table 1 of the link: http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucsdirector/bma-install-config/4-1/b_ucsd_bma_install_config_guide_41/b_ucsd_bma_install_config_guide_41_chapter_01_00.html

NEW QUESTION 61

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