Implementing Cisco Data Center Unified Computing (DCUCI)

Exam A

QUESTION 1
When upgrading a standalone Cisco UCS C-Series server, which method is correct?

A. direct upgrade on all components
B. Cisco Hardware Upgrade Utility
C. Cisco Host Upgrade Utility
D. Cisco Server Upgrade Utility

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 2
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
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 3
What are the default settings of the Cisco IMCCIMC NIC properties on a standalone Cisco UCS C- Series server?

A. 'Shared LOM' NIC mode with 'Active-active' NIC redundancy and DHCP enabled
B. 'Shared LOM' NIC mode with 'Active-standby' NIC redundancy and DHCP enabled
C. 'Dedicated' NIC mode with 'Active-standby' NIC redundancy DHCP disabled
D. 'Dedicated' NIC mode with 'None' NIC redundancy and DHCP enabled
E. 'Cisco Card' NIC mode with 'Active-active' NIC redundancy and DHCP enabled

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
"Pass Any Exam. Any Time." - www.actualtests.com 2
Cisco 642-999 Exam

Explanation:

QUESTION 4
Which ports can access the Cisco IMC if you select Shared LOM NIC mode in the Cisco IMC Configuration Utility for a Cisco UCS C-Series server?

A. the ports on an installed Cisco network adapter card
B. the two 1-Gb Ethernet ports
C. the two 10/100 management ports
D. the two 10/100 management ports, but each port has a default setting

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 5
Which NIC redundancy modes allow the LOMs to be discovered by the operating system or hypervisor?

A. Dedicated mode
B. Active/Active
C. Active/Standby
D. Cisco Card Mode

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 6
Which two are true with respect to the unified ports on the Cisco Unified Computing System 62XX Fabric Interconnect? (Choose two.)

A. The port mode is automatically discovered after plugging in a LAN or Fibre Channel-attached cable.
B. By default, unified ports that are changed to Ethernet port mode are set to uplink Ethernet port type.
C. Ethernet ports must be grouped together in a block and must start with the first port and end "Pass Any Exam. Any Time." - www.actualtests.com 3
Cisco 642-999 Exam
with an odd numbered port.
D. Alternating Ethernet and Fibre Channel ports is supported on the expansion module.
E. After making port mode changes on an expansion module, the module will reboot.
F. In a standalone configuration, making port mode changes to the fixed module will not cause the fabric interconnect to reboot.

Correct Answer: CE

QUESTION 7
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 8
What is true statement concerning port personalities on the Cisco Unified Computing System 62XX Fabric
Interconnect?

A. Fibre Channel uplink ports must operate in Fibre Channel switching mode.
B. The fabric interconnects use native FCoE storage ports to directly attach to the SAN infrastructure.
C. By default, all Fibre Channel ports are unconfigured.
D. The Fibre Channel uplink ports do not support VSAN trunking and Fibre Channel port channels.
E. The Fibre Channel storage ports support VSAN trunking and Fibre Channel port channels.
   "Pass Any Exam. Any Time." - www.actualtests.com 4
   Cisco 642-999 Exam

Correct Answer: C

QUESTION 9
What is a true statement concerning automatic Fibre Channel pinning on a Cisco Unified Computing System
62XX Fabric Interconnect?

A. By default, uplink Fibre Channel interfaces are configured for VSAN trunking.
B. Using NPV, each downstream server will be pinned to an uplink port that is based on a PIN group.
C. The Fibre Channel pinning process is implemented differently than end-host MAC address pinning.
D. With VSAN trunking, the automatic pinning of server traffic to Fibre Channel uplink ports will be based on

the server WWN.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 10
The Cisco UCS administrator has the chassis discovery policy set to "2-link". The administrator connects a new chassis to the Cisco UCS 6200 Series Fabric Interconnects using four links.
Which option about link utilization is true?

A. The Cisco UCS will use two links until the chassis is reacknowledged, after which it will use all four links.
B. The Cisco UCS will use all four links for discovery.
C. The Cisco UCS will use only two links. The other two links are unusable.
D. The Cisco UCS will use only two links. However, the administrator can manually pin traffic to the extra links by using service profiles.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 11
Which policy is used to update adapter firmware?

Cisco 642-999 Exam

A. adapter policy
B. host firmware policy
C. management firmware policy
D. network control policy

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12
Which options are valid port types when configuring fixed 10-Gb LAN interfaces on the Cisco UCS 6200 Series Fabric Interconnects? (Choose three.)

A. monitoring port
B. server port
C. uplink Ethernet port
D. FEX port
E. Fibre Channel storage port

Correct Answer: ABC

Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 13
When cabling a Cisco UCS 6200 Series Fabric Interconnect to disjoint Layer 2 networks, which option must be considered?

A. The fabric interconnect must be in switching mode.
B. You must first configure a LAN pin group.
C. Each VLAN is allowed across multiple disjoint uplinks.
D. Each vNIC can communicate to a single disjoint network.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 14
Which two items represent the features of Call Home on the Cisco Unified Computing System? (Choose two.)

"Pass Any Exam. Any Time." - www.actualtests.com 6
Cisco 642-999 Exam

A. syslog
B. send fault details to Cisco TAC
C. SNMP trap receiver
D. send email alerts to administrators
E. central repository of normalized fault data

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 15
Which three items represent message formats that are available to send fault data using Cisco Call Home? (Choose three.)

A. short text
B. long text
C. HTML
D. SOAP API
E. XML
F. Java

Correct Answer: ABE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 16
Which item describes the failure scenario called a "split-brain" in the Cisco Unified Computing System?

A. failure of the Cisco Unified Computing System L1-L2 network
B. failure of a Cisco Unified Computing System Chassis Management Controller
C. failure of a Cisco Unified Computing System I/O module
D. failure of a Cisco Unified Computing System Fabric Interconnect
E. failure of a Cisco Unified Computing System Chassis Management Switch

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 17
Which two are true concerning the role-based access control specifics of a Cisco Unified Computing System? (Choose two.)

A. Disabled local user accounts are deleted from the database.
B. A locally authenticated user account is any user account that is authenticated through LDAP, RADIUS, or TACACS+.
C. If a user maintains a local user account and a remote user account simultaneously, the roles that are defined in the local user account override those that are maintained in the remote user account.
D. By default, user accounts expire after 90 days; a warning message will be generated 10 days prior to expiration.
E. A user that is assigned one or more roles will be allowed the privileges that are consistent across all of the assigned roles.
F. All roles include read access to all configuration settings in the Cisco Unified Computing System domain.

Correct Answer: CF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 18
Which two are true concerning authorization within a Cisco Unified Computing System? (Choose two.)

A. A role defines a collection of privileges that determines which actions a user can take in Cisco Unified Computing System Manager.
B. Authorization consists of three components (roles, password policy, and locales) that are based on which features and resources the user will not have access to.
C. Customized roles can be configured on and downloaded from remote AAA servers.
D. The logical resources, pools and policies, are grouped into roles.
E. If the service profile cannot find available resources, it will search in the parent organization for pools and

resources.

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 19
Which two are true with respect to the upgrade process for the Cisco Unified Computing System?

(Choose two.)

A. For easier manageability, Cisco provides one full bundle that contains the firmware images for all Cisco Unified Computing System components.
B. You can choose from FTP, TFTP, SCP, and HTTP to copy the bundle image from a remote file system.
C. When the bundle image is downloaded, it must be transferred to the flash file system of the active fabric interconnect.
D. When the download is successful, Cisco Unified Computing System Manager expands the individual files from the archive and installs them in the correct flash file system partition.
E. It is strongly recommended that you activate all components in all chassis at one time.
F. The I/O module, CIMC, and adaptors update process operates strictly on the backup partition of Flash for a given component.

Correct Answer: CF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 20
Which Cisco UCS firmware are contained in the Cisco UCS Infrastructure software bundle? (Choose three.)

A. Cisco UCS BIOS
B. Cisco UCS fabric interconnects firmware
C. Cisco UCS adapters
D. Cisco UCS Manager
E. Cisco I/O module firmware
F. Cisco IMC

Correct Answer: BDE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 21
Which Cisco UCS Manager feature allows you to specify multiple LDAP servers for user authentication?

A. Realm

B. LDAP Provider Group
C. Authentication Domain
D. Organization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 22
Which UCS components firmware are contained in the UCS Infrastructure software bundle?

A. UCS BIOS
B. UCS Fabric Interconnects
C. UCS Adapters
D. UCS Manager
E. IO Module
F. Cisco IMC

Correct Answer: BDE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 23
Which backup option must be used for a system restore?

A. full state
B. all configuration
C. system configuration
D. logical configuration
E. incremental

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 24
Which protocol is not supported for Cisco UCS backups and imports?

A. FTP
B. TFTP
C. SCP
D. SFTP

E. HTTP

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 25
Which two items can you provision in a vHBA Template? (Choose two.)

A. Max Data Field Size
B. SCSI I/O Queues
C. FCoE VLAN
D. vHBA Interrupt Mode
E. Stats Threshold Policy
F. FLOGI Timeout

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 26
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
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 27
Which two options occur when a server discovery policy is invoked? (Choose two.)

A. executes the qualification in the server discovery policy against the server
B. applies the scrub policy to the server
C. analyzes the inventory of the server
D. assigns the server to the selected organization, if configured

E. creates a service profile for the server with the identity burned into the server at time of manufacture

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 28
If a customer wants to maximize the capability of server mobility with the Cisco UCS deployment, what two options are Cisco recommended? (Choose two.)

A. Configure a server inheritance policy.
B. Configure a Virtual Media boot.
C. Configure a hardware-based service profile with burned-in addresses and identities.
D. Configure boot from SAN.
E. Configure service profiles with resource pools.

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 29
You have a Cisco UCS B200 M2 server configured with 12 4-GB DDR3 1333-MHz dual-voltage memory DIMMs. You learned that the server memory speed is running at 1066 MHz instead. How can you configure the server to run at maximum memory speed?

A. You cannot configure memory speed of 1333 MHz. The maximum memory speed of a Cisco UCS B200 M2 server with 12 4-GB DIMM is 1066 MHz.
B. Memory speed of the ESX host is configurable on VMware vCenter.
C. Create a BIOS policy. In the RAS Memory BIOS settings, select Performance Mode for LV DDR Mode.
D. On the CIMC of the Cisco UCS B200 M2, select 1333 MHz in the Memory Speed option.
    "Pass Any Exam. Any Time." - www.actualtests.com 12
    Cisco 642-999 Exam

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 30
Your systems engineer has determined all of the firmware versions that the server operating system supports. What steps are taken on Cisco UCS to avoid manual firmware upgrades on the blade servers?

A. Use Cisco UCS Manager firmware management to upgrade all Cisco UCS blade servers to the same target firmware versions.
B. Configure host firmware package and management firmware package policies and associate the firmware policies with the service profiles.
C. Create a BIOS policy and define the host firmware package and management firmware package.
D. Configure host firmware package and management firmware package policies and associate the firmware

policies with the server pools.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 31
When you create a vHBA, what will you achieve by enabling persistent binding?

A. This feature allows the binding of the SCSI targets to the vHBA, even across reboots.
B. This feature allows the binding of the same WWPN from the pool to the vHBA, even across reboots.
C. This feature allows the binding of the same WWNN from the pool to the vHBA, even across reboots.
D. This feature allows the binding of the Fibre Channel uplink to the vHBA, even across reboots.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 32
Which two tasks enable jumbo frames on a Cisco UCS system? (Choose two.)

A. In the LAN cloud on Cisco UCS Manager, configure MTU 9000 in the uplink interfaces.
B. In the LAN cloud on Cisco UCS Manager, enable jumbo frames in Fabric A and Fabric B.
C. In the LAN cloud on Cisco UCS Manager, configure MTU 9000 in the VLAN.
D. In the LAN cloud on Cisco UCS Manager, define a QoS system class with MTU 9000.
E. In the service profile, configure MTU 9000 in the vNIC.
F. In the service profile, configure MTU 9000 in the virtual machine.
G. In the service profile, configure MTU 9000 in the uplink interfaces.

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 33
Which three items represent some of the components to implement Cisco VM-FEX for Cisco Unified
Computing System Manager B-Series blades? (Choose three.)

A. Cisco VSM VM
B. VEM installed on the VMware vCenter server
C. VEM in the VMware ESX or ESXi host
D. Cisco Unified Computing System Manager version 1.2 or higher
E. VMware vCenter server
F. Fibre Channel VMFS volume

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 34
Which three items represent some of the features that can be defined in a Cisco Unified Computing System Manager port profile? (Choose three.)

A. QoS policy
B. ACL
C. NetFlow
D. port security
E. network control policy
F. VLAN or VLANs

Correct Answer: AEF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

Cisco 642-999 Exam

QUESTION 35
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

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 36
If there are four I/O module links from the Cisco Unified Computing System 5108 Blade Chassis to the Cisco Unified Computing System 6248UP Fabric Interconnect, which dynamic vNICs can be defined?

A. 9
B. 16
C. 24
D. 48

E. 54

F. 112

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 37
Which two of the listed BIOS options are required for VM-FEX in high performance mode? (Choose two.)

A. RSS

B. interrupt coherency
   "Pass Any Exam. Any Time." - www.actualtests.com 15
   Cisco 642-999 Exam

C. virtualization technology

D. cache validation

E. ATS support

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 38
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
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 39
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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 40
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

Correct Answer: BDF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 41
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

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 42
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

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 43
Which BIOS setting is required for a VMware ESXi 5.0 host to support Cisco VM-FEX universal pasthrough mode?

A. VT for Directed IO
B. ACPI 10 Support
C. VEMDPA Agent
D. Execute Disabled Bit
E. Processor C State

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 44
What are the three main components of the VM-FEX environment? (Choose three.)

A. Red Hat Network Satellite server
B. ESX host with Cisco UCS M81KR VIC
C. ESX host with Cisco UCS M72KR CAN
D. VMware vCenter
E. VMware Update Manager
F. Cisco UCS Manager
G. Cisco VSG

Correct Answer: BDF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 45
Which two policies can be configured in a port profile for VM-FEX high-performance mode? (Choose two.)

A. QoS policy
B. network control policy
C. adapter policy
D. BIOS policy
E. vNIC connection policy

Correct Answer: AC

Explanation/Reference:
"Pass Any Exam. Any Time." - www.actualtests.com 18
Cisco 642-999 Exam

Explanation:

QUESTION 46
Which three options are true regarding port profiles in Cisco UCS Manager? (Choose three.)

A. Port profiles define operating-system kernel parameters.
B. Port profiles are represented as a port group in vCenter.
C. Port profiles can be used by more than one DVS.
D. Port profile parameters are visible on vCenter.
E. Port profile parameters can be modified from vCenter.
F. Port profiles can be modified only from Cisco UCS Manager.

Correct Answer: BCF
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 47
Which two options are valid modes for VM-FEX in a Cisco UCS Manager port profile? (Choose two.)

A. transparent
B. bypass
C. standard
D. advanced
E. high-performance
F. low-pass

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 48
Which two elements are defined in a dynamic vNIC connection policy? (Choose two.)

A. adapter policy
B. QoS policy
C. network control policy
"Pass Any Exam. Any Time." - www.actualtests.com 19
Cisco 642-999 Exam
D. number of dynamic vNICs
E. jumbo frame size

Correct Answer: AD

QUESTION 49
Which adapter is capable of supporting VM-FEX?

A. VIC 1280
B. Cisco UCS M61KR-I
C. Cisco UCS M72KR
D. Cisco UCS M51KR-B

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 50
Which item represents a secure method of transmitting fault data with Cisco Call Home?

A. IPsec
B. SSL email
C. secure XML
D. Cisco Transport Gateway
E. RSA Digital Certificate

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 51
Which item is required for communication between Cisco Unified Computing System Manager and VMware vCenter?

A. VeriSign Digital Certificates
B. RSA Digital Certificates
   "Pass Any Exam. Any Time." - www.actualtests.com 20
   Cisco 642-999 Exam
C. Cisco Unified Computing System Manager Extension Key
D. VeriSign Plug-In
E. WMware vCenter Certificate Services

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 52
How many certificates does Cisco Unified Computing System Manager have to export to communicate with
VMware vCenter server if the VMware ESXi hosts are all running version 5.0 or higher?

A. 1
B. 2
C. 4
D. 8
E. 16

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 53
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
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 54
What is the maximum number of ports on a VMware vCenter Distributed Virtual Switch?

A. 64
B. 128
C. 1024
D. 4096
E. 8192

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 55
In the Create Dynamic vNIC Connection Policy dialog box, there is a configurable field titled Protection. What is
the significance of the three choices for Protection?

A. allows reserve vNICs to be allocated out of the spares pool
B. enables hardware-based failover
C. enables static binding of the VM port profile to dynamic vNICs
D. selects the primary fabric association for dynamic vNICs
E. allows dynamic vNICs to be reserved for fabric failover

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 56
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
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 57
After staging a VEM file on a VMware ESXi 5.0 host in the /tmp directory, what is the correct command syntax to install the VEM?

A. esxcli software vib install d /tmp/VEM500-20110825132140-BG-release.zip -maintenance-mode
B. esxcli software vib install v /tmp/VEM500-20110825132140-BG-release.zip -maintenance-mode
C. esxupdate software vib install d /tmp/VEM500-20110825132140-BG-release.zip -maintenance-mode
D. esxupdate software vib install v /tmp/VEM500-20110825132140-BG-release.vib -maintenance-mode

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 58
Which network driver is required on a VMware ESXi 5.0 host for a vNIC to enter Cisco VM-FEX universal passthrough mode?

A. VMXNET3
B. Vlance
C. Flexible
D. E1000e

E. VMXNET5

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 59
Which virtual hardware version is required for a VM to enter the Cisco VM-FEX universal passthrough mode?

A. Version 5
B. Version 6
C. Version 7
D. Version 8
E. Version 9

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 60
Which feature must be configured for Linux VMs to be able to transition from Cisco VM-FEX standard mode to universal passthrough mode?

A. RSS
B. MSI Interrupt Mode
C. VEMDPA Agent
D. Execute Disabled Bit
E. Processor C State

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 61
Which of the following is true concerning the Global Chassis Discovery policy configuration on the Cisco Unified Computing System Manager when using Cisco Unified Computing System 22XX I/O modules with Cisco UCS 62XX Fabric Interconnects?

A. The link grouping preference should be set to discrete mode when the number of northbound links are not a power of 2.
B. Set the action policy-count higher than the actual number of uplinks; otherwise, the Cisco Unified Computing System servers will not be discovered.
C. For Cisco Unified Computing System implementations that mix I/O modules with different numbers of links, it is best to manually reacknowledge the chassis in order to use all available links.

D. Automatic reacknowledgement due to chassis discovery is never disruptive.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 62
Which of the following is the most accurate concerning the link configuration between Cisco Unified Computing System 22XX I/O modules and Cisco Unified Computing System 62XX Fabric Interconnects?

A. Port channels are always recommended when using source-dest-mac load balancing.
B. The addition of links to a port channel requires a reacknowledgement.
C. You cannot mix and match discrete links and port channeling for different chassis when using "Pass Any Exam. Any Time." - www.actualtests.com 24
   Cisco 642-999 Exam
   22XX.
D. Port channels do not require a Global Chassis Discovery policy.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 63
Which of the following is not a feature of the Cisco Unified Computing System VIC-1280 adaptor?

A. capable of up to 256 virtual interfaces
B. supports FCoE
C. supports Cisco VM-FEX
D. compatible with the C- or B-Series Cisco Unified Computing System servers

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 64
Which of the following is true with respect to recovery from failure with automatic pinning that is configured on a cluster of Cisco Unified Computing System 62XX Fabric Interconnects?

A. By default, server MAC addresses are pinned to uplink interfaces using PIN groups.
B. When a northbound fabric interconnect link goes down, the affected servers will use NIC teaming to re-establish connectivity on the second fabric interconnect.
C. When a northbound fabric interconnect link goes down, the fabric interconnect will send a gratuitous ARP to the northbound switch to announce the servers on the new port.
D. In the event that all uplink ports on the fabric interconnect lose connectivity, the 22XX I/O module shuts down all of the host ports until at least one uplink is restored.

Correct Answer: C

QUESTION 65
How does a Cisco Unified Computing System react when configured for disjoint Layer 2 domains?

A. Automatic pinning is disabled; VLAN membership must be statically pinned to the uplink ports.
B. VLANs must be divided between the fabric interconnects using PIN groups.
C. The VLAN traffic for a disjoint network can only travel along an uplink that is specifically assigned to this VLAN and is selectively excluded from all other uplinks.
D. When you configure disjoint Layer 2 networks, you must assign VLANs to uplink interfaces.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 66
Which of the following is true with respect to hardware failover or NIC teaming within a Cisco Unified Computing System?

A. Hardware failover is specified by the operating system.
B. An uplink failure when using automatic pinning requires that hardware failover for the server vNIC be disabled.
C. NIC teaming is controlled by the vNIC.
D. The hardware failover option that is available for Ethernet does not affect Fibre Channel traffic.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 67
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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 68
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.

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 69
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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 70
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 71
Which policy would you change to form a port channel between a Cisco UCS 6248 and a Cisco UCS 2208?

A. link aggregation policy
B. chassis discovery policy
C. IOM connection policy
D. link discovery policy

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 72
The Cisco UCS 6200 Series Fabric Interconnects offer a new feature that allows dynamic port allocation for all of the 10 Gigabit Ethernet interfaces. What are these ports called?

A. universal ports
B. flex ports
C. unified ports
D. converged ports

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 73
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.
   "Pass Any Exam. Any Time." - www.actualtests.com 28
   Cisco 642-999 Exam

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 74
DRAG DROP

Drag the characteristic on the left to the appropriate Cisco UCS adapter on the right, where the adapter supports that characteristic.

| Supports iSCSI boot |
| Supports 4G Fibre Channel |
| Supports native OS FCoE |

M51KR

M61KR

M72KR

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Drag the characteristic on the left to the appropriate Cisco UCS adapter on the right, where the adapter supports that characteristic.

| Supports iSCSI boot |
| Supports 4G Fibre Channel |
| Supports native OS FCoE |

M51KR
Supports iSC

M61KR
Supports native

M72KR
Supports 4G Fib

M51KR NIC
Supports iSCSI boot

M61KR CNA
Supports native OS FCoE

M72KR CNA
Supports 4G Fibre Channel

Explanation:

QUESTION 75
DRAG DROP

The Cisco Integrated Management Controller on a Cisco Unified Computing System B-Series server provides a number of features. D
the appropriate feature on the right.

| Allows an external UDP connection to the serial console port |

| Allows Cisco Unified Computing System administrators to connect remotely to the console of any server |

| Remotely powers a server on or off |

IPMI

SOL

KVM

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

The Cisco Integrated Management Controller on a Cisco Unified Computing System B-Series server provides a number of features. D the appropriate feature on the right.

| Allows an external UDP connection to the serial console port |
| Allows Cisco Unified Computing System administrators to connect remotely to the console of any server |
| Remotely powers a server on or off |

IPMI

Remotely powers a s

SOL

Allows an external UDP connectio

KVM

Allows Cisco Unified Computing Sys remotely to the conso

Explanation:

IPMI

Remotely powers a server on or off

SOL

Allows an external UDP connection to the serial console port

KVM

Allows Cisco Unified Computing System administrators to connect remotely to the console of any server

QUESTION 76

DRAG DROP

This question concerns the replacement of a copper twinax SFP+ transceiver with an optical SFP+ transceiver on a Cisco Unified Con

Drag the options on the left to the right side in the correct order when performing the replacement. Note: Not all of the options on the l

| Insert the optical SFP+ transceiver into the I/O module port |
| Remove the Cisco Unified Computing System 21xx I/O module from the chassis |
| Remove the SFP+ cable, leaving the I/O module port empty |
| Pull gently on the rubber loop of the copper twinax SFP+ from the I/O module port |
| Plug the fiber-optic cable into the optical SFP+ transceiver |

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Cisco 642-999 Exam

This question concerns the replacement of a copper twinax SFP+ transceiver with an optical SFP+ transceiver on a Cisco Unified Con

Drag the options on the left to the right side in the correct order when performing the replacement. Note: Not all of the options on the le

| Insert the optical SFP+ transceiver into the I/O module port | Pull gently on the rubber loop of the c |
| module p |

| Remove the Cisco Unified Computing System 21xx I/O module from the chassis | Insert the optical SFP+ transceive |

| Remove the SFP+ cable, leaving the I/O module port empty | Plug the fiber-optic cable into the |

Pull gently on the rubber loop of the copper twinax SFP+ from the I/O module port

Plug the fiber-optic cable into the optical SFP+ transceiver

Pull gently on the rubber loop of the copper twinax SFP+ from the I/O module port

Insert the optical SFP+ transceiver into the I/O module port

Plug the fiber-optic cable into the optical SFP+ transceiver

Explanation:

QUESTION 77
DRAG DROP

This question concerns the installation of a Cisco Unified Computing System 5108 fan module.

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 w

Power down the Cisco Unified Computing System

Listen for the fans if the chassis is powered on

Push the fan module into the chassis until it seats properly and the spring latch snaps into place

Power up the Cisco Unified Computing System

Hold the fan module with the spring latch at the top of the module

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
"Pass Any Exam. Any Time." - www.actualtests.com 32
Cisco 642-999 Exam

This question concerns the installation of a Cisco Unified Computing System 5108 fan module.

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 v

| Power down the Cisco Unified Computing System |

| Listen for the fans if the chassis is powered on |

| Push the fan module into the chassis until it seats properly and the spring latch snaps into place |

| Power up the Cisco Unified Computing System |

| Hold the fan module with the spring latch at the top of the module |

| Hold the fan module with the spring |

| Push the fan module into the chassi spring latch snap |

| Listen for the fans if the ch |

Explanation:

| Hold the fan module with the spring latch at the top of the module |

| Push the fan module into the chassis until it seats properly and the spring latch snaps into place |

| Listen for the fans if the chassis is powered on |

QUESTION 78
DRAG DROP

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 w

| 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 |

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

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 w

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

Explanation:

| Place the hard drive lever into the open position by pushing the release button |
| 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 |

QUESTION 79
DRAG DROP

This question concerns the installation of a Cisco Unified Computing System blade server AC power supply.

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 w

Press the handle down and give the power supply a gentle push inward to ensure that the power supply is fully seated	
Plug the power cable into the corresponding 220 VAC-inlet connector on the PDU at the rear of the chassis	
Connect the other end of the power cable to the AC power source	
Connect the DC input wires to the power supply terminal block	
Place the power supply handle in the up position	
Connect the ground wires to the power supply terminal block	
Tighten the captive screw	
Hold the power supply with both hands and then slide it into the power supply bay	

Cisco 642-999 Exam

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

This question concerns the installation of a Cisco Unified Computing System blade server AC power supply.

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 w

Left Options
Press the handle down and give the power supply a gentle push inward to ensure that the power supply is fully seated
Plug the power cable into the corresponding 220 VAC-inlet connector on the PDU at the rear of the chassis
Connect the other end of the power cable to the AC power source
Connect the DC input wires to the power supply terminal block
Place the power supply handle in the up position
Connect the ground wires to the power supply terminal block
Tighten the captive screw
Hold the power supply with both hands and then slide it into the power supply bay

Right Options:

Place the power supply han

Hold the power supply with both hands supply b

Press the handle down and give the inward to ensure that the pow

Tighten the capti

Plug the power cable into the corresp on the PDU at the rea

Connect the other end of the power

Explanation:

Place the power supply handle in the up position

Hold the power supply with both hands and then slide it into the power supply bay

Press the handle down and give the power supply a gentle push inward to ensure that the power supply is fully seated

Tighten the captive screw

Plug the power cable into the corresponding 220 VAC-inlet connector on the PDU at the rear of the chassis

Connect the other end of the power cable to the AC power source

QUESTION 80
DRAG DROP

Cisco 642-999 Exam

This question concerns the installation of a Cisco Unified Computing System blade server I/O module.
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 w

Slide the I/O module into the I/O module slot, ensuring that the I/O module is fully seated	
Connect the networking cables	
Make sure that the two levers at the front of the I/O module are pulled open	
Install the N20-CBLKI blank to avoid EMI issues	
Close the levers and tighten the captive screw on each lever	

A.
B.

C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

This question concerns the installation of a Cisco Unified Computing System blade server I/O module.

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 w

Slide the I/O module into the I/O module slot, ensuring that the I/O module is fully seated		Make sure that the two levers at the fro open
Connect the networking cables		Slide the I/O module into the I/O moc module is fully
Make sure that the two levers at the front of the I/O module are pulled open		Close the levers and tighten the c
Install the N20-CBLKI blank to avoid EMI issues		Connect the netwo
Close the levers and tighten the captive screw on each lever		

Explanation:

| Make sure that the two levers at the front of the I/O module are pulled open |
| Slide the I/O module into the I/O module slot, ensuring that the I/O module is fully seated |
| Close the levers and tighten the captive screw on each lever |
| Connect the networking cables |

QUESTION 81
DRAG DROP

Drag the characteristic on the left to the most appropriate Cisco Unified Computing System 62XX Fibre Channel switching mode on th

NP_Port to F_Port

No Fibre Channel domain ID

Default zoning or zone merge

No zoning required

N_Port to F_Port

Fibre Channel domain ID

NPV Mo

Fibre Channel Swi

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Drag the characteristic on the left to the most appropriate Cisco Unified Computing System 62XX Fibre Channel switching mode on th

| NP_Port to F_Port |

| No Fibre Channel domain ID |

| Default zoning or zone merge |

| No zoning required |

| N_Port to F_Port |

| Fibre Channel domain ID |

NPV Mo

NP_Port to F

No Fibre Channel

No zoning rec

Fibre Channel Swi

N_Port to F

Fibre Channel d

Default zoning or z

NPV Mode

| NP_Port to F_Port |

| No Fibre Channel domain ID |

| No zoning required |

Fibre Channel Switching Mode

| N_Port to F_Port |

| Fibre Channel domain ID |

| Default zoning or zone merge |

Explanation:

QUESTION 82

DRAG DROP

Drag the upgradeable type of firmware on the left to the appropriate Cisco UCS component on the right.

NX-OS System

Backup

NX-OS Kernel

Startup

UCS Manager

62xx Fabric Int

22xx IO

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Drag the upgradeable type of firmware on the left to the appropriate Cisco UCS component on the right.

NX-OS System

Backup

NX-OS Kernel

Startup

UCS Manager

62xx Fabric Inte

NX-OS Ke

NX-OS Sys

UCS Mar

22xx IO

Startu

Backu

Explanation:

Cisco 642-999 Exam

62xx Fabric Interconnect

NX-OS Kernel

NX-OS System

UCS Manager

22xx IOM

Startup

Backup

QUESTION 83
HOTSPOT

Exhibit1 ☒

```
UCS-A# show cluster state
Cluster Id: 0xfc436fa8b8851le0-0xa370000573cb6c04

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
license. Certain components of this software are licensed under
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)#
```

1 2 3

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

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

O The fabric interconnect b changes from subordinate to primary.

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

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Explanation: The fabric interconnect b changes from subordinate to primary

QUESTION 84
HOTSPOT

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 Failove
UCS cluster.

Exhibit1   ⊠

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

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
license. Certain components of this software are licensed under
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)#
```

Questions

1 The connect local-mgmt command is required
2
3 ○ to allow the fabric interconnect to use the force command to be subordinate.

   ○ 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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Explanation:
to allow local management of the cluster to be configured.

QUESTION 85
HOTSPOT

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.

Use your UCS knowledge on Fabric Interconnect Failove UCS cluster.

Exhibit1 ☒

```
UCS-A# show cluster state
Cluster Id: 0xfc436fa8b8851le0-0xa370000573cb6c04

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
license. Certain components of this software are licensed under
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)#
```

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

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.

Explanation: The cluster will switch fabric interconnect b from subordinate to lead or primary.

QUESTION 86
HOTSPOT

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 [X], 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. Clicking the icon will open a device terminal so you can 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.
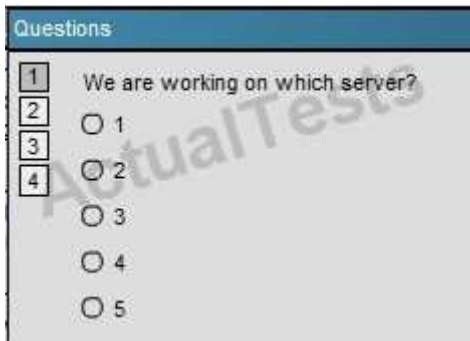
Scenario

Use your UCS knowledge on Adapter errors using configurations.

Exhibit1

```
UCS-A# scope server 1/5
UCS-A /chassis/server # show adapter detail

Adapter:
    Id: 2
    Product Name: Cisco UCS 82598KR-CI
    PID: N20-AI0002
    VID: V01
    Vendor: Cisco Systens Inc
    Serial: QCI132300CG
    Revision: 0
    Mfg Date: 2009-06-13T00:00:00.000
    Slot: N/A
    Overall Status: Operable
    Conn Path: A,B
    Conn Status: Unknown
    Managing Instance: B
    Product Description: PCI Express Dual Port 10 Gigabit Ethernet Server
UCS-A /chassis/server #
```
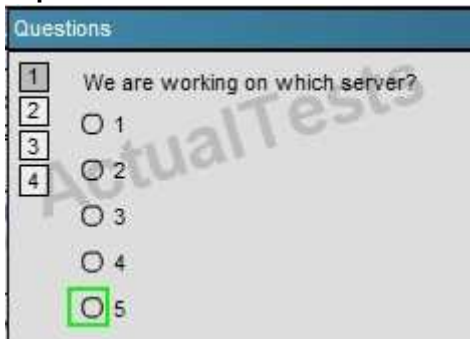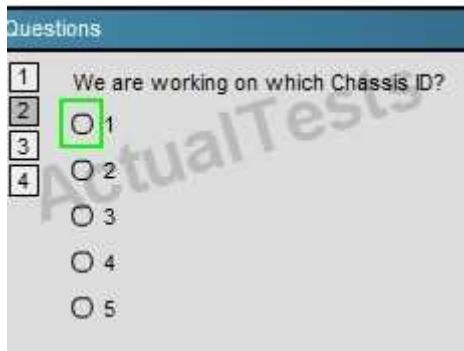
A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Explanation: 5

QUESTION 87
HOTSPOT

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 [X], 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. Clicking the icon will open a device terminal so you can 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 Adapter errors using configurations.

Exhibit1

```
UCS-A# scope server 1/5
UCS-A /chassis/server # show adapter detail

Adapter:
    Id: 2
    Product Name: Cisco UCS 82598KR-CI
    PID: N20-AI0002
    VID: V01
    Vendor: Cisco Systens Inc
    Serial: QCI132300GG
    Revision: 0
    Mfg Date: 2009-06-13TC0:00:00.000
    Slot: N/A
    Overall Status: Operable
    Conn Path: A,B
    Conn Status: Unknown
    Managing Instance: B
    Product Description: PCI Express Dual Port 10 Gigabit Ethernet Server
UCS-A /chassis/server #
```

Cisco 642-999 Exam

Questions

1 We are working on which Chassis ID?
2 ○ 1
3 ○ 2
4 ○ 3
   ○ 4
   ○ 5

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Explanation: 1

QUESTION 88
HOTSPOT

Exhibit1

```
UCS-A# scope server 1/5
UCS-A /chassis/server # show adapter detail

Adapter:
    Id: 2
    Product Name: Cisco UCS 82598KR-CI
    PID: N20-AI0002
    VID: V01
    Vendor: Cisco Systems Inc
    Serial: QCI132300GG
    Revision: 0
    Mfg Date: 2009-06-13T00:00:00.000
    Slot: N/A
    Overall Status: Operable
    Conn Path: A,B
    Conn Status: Unknown
    Managing Instance: B
    Product Description: PCI Express Dual Port 10 Gigabit Ethernet Server
UCS-A /chassis/server #
```

Questions

1. Current Adapter Status is ?
2. ○ Operable
3. ○ Down
4. ○ Inoperable
   ○ Unknown

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Questions

1. Current Adapter Status is ?
2. ○ **Operable**
3. ○ Down
4. ○ Inoperable
   ○ Unknown

Explanation: Operable

QUESTION 89
HOTSPOT

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 [X], 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. Clicking the icon will open a device terminal so you can 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 Adapter errors using configurations.

Exhibit1

```
UCS-A# scope server 1/5
UCS-A /chassis/server # show adapter detail

Adapter:
    Id: 2
    Product Name: Cisco UCS 82598KR-CI
    PID: N20-AI0002
    VID: V01
    Vendor: Cisco Systens Inc
    Serial: QCI132300CC
    Revision: 0
    Mfg Date: 2009-06-13T00:00:00.000
    Slot: N/A
    Overall Status: Operable
    Conn Path: A,B
    Conn Status: Unknown
    Managing Instance: B
    Product Description: PCI Express Dual Port 10 Gigabit Ethernet Server
UCS-A /chassis/server #
```

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Explanation: Unknown