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QUESTION 1

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:

QUESTION 2

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:

QUESTION 3

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:

QUESTION 4

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:

QUESTION 5

Which Cisco UCS firmwares 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:

QUESTION 6

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:



QUESTION 7

Which UCS components firmwares 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:

QUESTION 8

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:

QUESTION 9

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:

QUESTION 10

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:

QUESTION 11

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:

QUESTION 12

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:

QUESTION 13

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:



QUESTION 14

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

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:

QUESTION 16

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:

QUESTION 17

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:

QUESTION 18

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:



QUESTION 19

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:

QUESTION 20

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:



QUESTION 21

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:

QUESTION 22

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

- A. RSS
- B. interrupt coherency
- C. virtualization technology
- D. cache validation
- E. ATS support

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

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:

QUESTION 24

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:

QUESTION 25

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:

QUESTION 26

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:

QUESTION 27

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:

QUESTION 28

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:

QUESTION 29

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:

QUESTION 30

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:

QUESTION 31

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:

QUESTION 32

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:



QUESTION 33

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:

QUESTION 34

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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

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:

QUESTION 36

Drag and Drop

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

Select and Place:

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

Supports iSCSI boot	M51KR NIC
Supports 4G Fibre Channel	
Supports native OS FCoE	M61KR CNA
	M72KR CNA

Correct Answer:

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

	M51KR NIC
	Supports iSCSI boot
	M61KR CNA
	Supports native OS FCoE
	M72KR CNA
	Supports 4G Fibre Channel

Section: (none)
Explanation

Explanation/Reference:

QUESTION 37

Drag and Drop

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

Select and Place:

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

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

Correct Answer:

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

	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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

Drag and Drop

This questions concern the replacement of copper twinax SFP+ transceiver with an optical SFP+ transceiver on a Cisco Unified Computing System blade server. 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 left will be used.

Select and Place:

This question concerns the replacement of a copper twinax SFP+ transceiver with an optical SFP+ transceiver on a Cisco Unified Computing System blade server. 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 left will be used.

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	

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Correct Answer:

This question concerns the replacement of a copper twinax SFP+ transceiver with an optical SFP+ transceiver on a Cisco Unified Computing System blade server.
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 left will be used.

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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

Drag and Drop

This questions 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 will be used.

Select and Place:

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 will be used.

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	

Correct Answer:

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 will be used.

Power down the Cisco Unified Computing System	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
Power up the Cisco Unified Computing System	

Section: (none)
Explanation

Explanation/Reference:

QUESTION 40

Drag and 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	

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

Drag and Drop

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 will be used.

Select and Place:

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 will be used.

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-CBLK1 blank to avoid EMI issues	
Close the levers and tighten the captive screw on each lever	

Correct Answer:

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 will be used.

	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
Install the N20-CBLK1 blank to avoid EMI issues	Connect the networking cables

Section: (none)
Explanation

Explanation/Reference:

QUESTION 42

Drag and 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 will be used.

Select and Place:

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 will be used.

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	

Correct Answer:

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 will be used.

	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
Connect the DC input wires to the power supply terminal block	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 ground wires to the power supply terminal block	Connect the other end of the power cable to the AC power source

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

Drag and Drop

Drag the characteristic on the left to the most appropriate Cisco unified Computing System 62XX Fibre Channel switching mode on the right.

Select and Place:

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

Characteristics	NPV Mode	Fibre Channel Switching Mode
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		

Correct Answer:

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

Characteristics	NPV Mode	Fibre Channel Switching Mode
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		

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Drag and Drop

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

Select and Place:

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

NX-OS System	62xx Fabric Interconnect
Backup	
NX-OS Kernel	
Startup	
UCS Manager	
	22xx IOM

Correct Answer:

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

NX-OS System	62xx Fabric Interconnect
Backup	NX-OS Kernel
NX-OS Kernel	NX-OS System
Startup	UCS Manager
UCS Manager	22xx IOM
	Startup
	Backup

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

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:

QUESTION 46

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 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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

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:

QUESTION 50

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:

QUESTION 51

Which policy is used to update adapter firmware?

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

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:

QUESTION 53

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:

QUESTION 54

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

- 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:

QUESTION 55

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:****QUESTION 56**

Which BIOS setting is required for a VMware ESXi 5.0 host to support Cisco VM-FEX universal passthrough 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:****QUESTION 57**

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:**

QUESTION 58

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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

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:

QUESTION 60

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:

QUESTION 61

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

- A. adapter policy
- B. QoS policy
- C. network control policy
- D. number of dynamic vNICs
- E. jumbo frame size

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

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

- A. RSS
- B. interrupt coherency
- C. virtualization technology
- D. cache validation
- E. ATS support

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

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:

QUESTION 64

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

- A. VeriSign Digital Certificates
- B. RSA Digital Certificates
- C. Cisco Unified Computing System Manager Extension Key
- D. VeriSign Plug-In
- E. VMware vCenter Certificate Services

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

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:

QUESTION 66

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:

QUESTION 67

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:****QUESTION 68**

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:****QUESTION 69**

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:****QUESTION 70**

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:

QUESTION 71

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:

QUESTION 72

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