

2V0-622D Dumps

VMware Certified Professional 6.5 – Data Center Virtualization Delta Exam

<https://www.certleader.com/2V0-622D-dumps.html>



NEW QUESTION 1

An administrator is troubleshooting network communications between a vCenter Server and an ESXi 6.5 host. Which log shows the related events between these components?

- A. /var/log/fdm.log
- B. /var/log/vpxa.log
- C. /var/log/hostd.log
- D. /var/log/auth.log

Answer: B

NEW QUESTION 2

Which is required for configuring iSCSI Software Adapter network port binding?

- A. VMkernel of the iSCSI traffic must be load balanced using Route based on IP Hash algorithm.
- B. VMkernel of the iSCSI traffic must be load balanced using Route based on Source Virtual Port ID algorithm.
- C. VMkernel of the iSCSI traffic must be load balanced using Route based on Source MAC Hash algorithm.
- D. VMkernel of the iSCSI traffic must be bound to only one active network adapter.

Answer: D

NEW QUESTION 3

An administrator has decided to use Auto Deploy in the environment.

Which two considerations must be taken into account before configuring Auto Deploy? (Choose two.)

- A. Hosts in a cluster must be connected to a Distributed Switch.
- B. Host profiles are not supported when using Auto Deploy.
- C. DHCP must be configured to support PXE boot.
- D. Storage DRS must be enabled.
- E. A TFTP server must be setup and running.

Answer: CE

NEW QUESTION 4

An administrator must collect diagnostic information following a failed ESXi host upgrade. Which command should the administrator run?

- A. vm-support
- B. Get-Esxtop
- C. vicfg-syslog
- D. esxtop -R vm-support_dir_path

Answer: A

NEW QUESTION 5

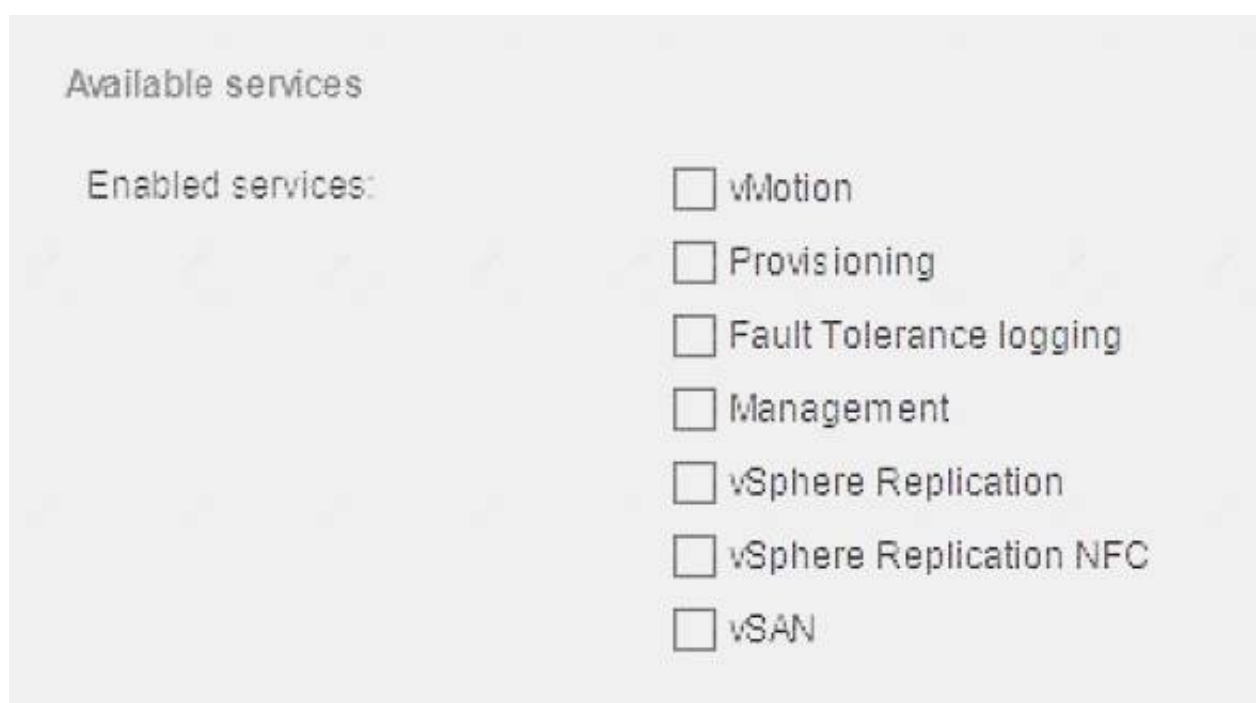
An administrator is creating VMkernel adapters on an ESXi 6.5 host and wants to create separate VMkernel adapters for every type of traffic in the default TCP/IP stack.

Which three types of traffic can be explicitly enabled on a separate VMkernel adapter? (Choose three.)

- A. Virtual SAN traffic
- B. NFS traffic
- C. vMotion traffic
- D. vSphere HA traffic
- E. Fault Tolerance logging traffic

Answer: ACE

Explanation:



NEW QUESTION 6

A working virtual machine (VM) is migrated to a new Port Group from an existing Port Group on the same switch. The VM loses network connectivity when the migration is completed.

Which could be a reason for the lack of connectivity for the VM?

- A. The new Port Group is not configured with the same VLAN ID as the existing Port Group.
- B. The Virtual Machine must be rebooted before the settings take effect.
- C. The new Port Group is not configured with the same name as the existing Port Group.
- D. The ESXi host must be rebooted before the settings take effect.

Answer: A

Explanation: In order to migrate a new port group from an existing one on the same switch, you need to configure the same VLAN ID as the existing port group.

NEW QUESTION 7

An administrator wants to create and use a vApp.

Which pre-requisite must be met before the administrator can create a vApp?

- A. The vApp can only be deployed in an EVC enabled cluster.
- B. The vApp must be created within a StorageDRS cluster.
- C. Non
- D. vSphere 6.5 does not support vApp deployments.
- E. The vApp can only be created in a DRS enabled cluster.

Answer: D

Explanation: You need to turn on Vsphere DRS to create vApp.

NEW QUESTION 8

A domain user is able to successfully log into the vSphere Web Client, but notices that the vCenter Server system does not appear in the inventory.

Which is the cause of this situation?

- A. The Service Control Agent service is not running.
- B. The vCenter Server does not have any hosts added to inventory yet.
- C. The domain user has read-only permissions on vCenter Server.
- D. The domain user does not have vCenter Server permissions.

Answer: D

Explanation: The vCenter Server system will not appear in the inventory if you do not have permissions on it. For example, if you log in as the vCenter Single Sign On administrator user, you might not have permissions on any vCenter Server system.

NEW QUESTION 9

An administrator wants to enable VMware Fault Tolerance on a virtual machine.

Which two vSphere features are supported with Fault Tolerance? (Choose two.)

- A. VM Component Protection
- B. vSphere HA
- C. Storage DRS
- D. Snapshots

Answer: BC

NEW QUESTION 10

Which CLI command shows the physical uplink status for a vmnic?

- A. esxcli network ip connection list
- B. esxcli network ip neighbor list
- C. esxcli network nic get
- D. esxcli network nic list

Answer: D

Explanation: View the current vSwitch configuration and vmkernel interface configuration using these commands:

NEW QUESTION 10

In vSphere 6.5, a virtual machine is thinly-provisioned on a VMFS6 datastore. The administrator deleted a large file within the guest OS. The freed blocks in the datastore are no longer needed by the VM.

Which feature in vSphere 6.5 allows the backing storage to automatically reclaim the freed blocks?

- A. ATS
- B. Defrag
- C. UNMAP
- D. Auto Reclaim

Answer: C

Explanation: VAAI UNMAP was introduced in vSphere 5.0 to allow the ESXi host to inform the backing storage that files or VMs had be moved or deleted from a Thin Provisioned VMFS datastore. This allowed the backing storage to reclaim the freed blocks. There was no way of doing this previously, resulting in many customers with a considerable amount of stranded space on their Thin Provisioned VMFS datastores.

NEW QUESTION 12

When migrating a Windows vCenter Server 6.0 to the vCenter Server Appliance 6.5, which two will be migrated by default? (Choose two.)

- A. Local Windows OS users and groups
- B. Configuration
- C. Custom ports
- D. FQDN
- E. Historical and Performance data

Answer: BD

Explanation: Not correct:

- A) Local Windows OS users and groups are not migrated to the Photon OS of the vCenter Server Appliance 6.5.
- C) Migration of deployments that use custom ports for services other than Auto Deploy, Update Manager, and vSphere ESXi Dump Collector are not supported.
- E) By default, the configuration and inventory data of the Windows vCenter Server is migrated. The option to copy historical and performance data is also available.

NEW QUESTION 16

Which action can the Hybrid Cloud Manager perform?

- A. It can migrate virtual machines with vMotion between vCenter Servers with distinct Single Sign-on domains.
- B. It can manage vCloud Air and Amazon Web Services (EC2) from a single interface.
- C. It can migrate the virtual machines with vMotion between AWS, Azure, and vCloud Air.
- D. It can move a virtual machine from vCloud Air to on premises vSphere.

Answer: D

NEW QUESTION 18

A VM-Host affinity rule states that VM group “X” must run on hosts in group “Y”.
If all ESXi hosts in group “Y” fail, which is the resulting behavior with vSphere HA enabled?

- A. The virtual machines in group “X” will failover to hosts that do not belong to group “Y”, but will vMotion back to hosts in group “Y” when they become available.
- B. The virtual machines in group “X” will not failover to hosts that do not belong to group “Y”.
- C. This scenario is not possible because vSphere HA and DRS cannot work together.
- D. The virtual machines in group “X” will only fail over to hosts that do not belong to group “Y” if they are marked as “High” VM Restart Priority within vSphere HA.

Answer: B

NEW QUESTION 20

Which two requirements must be met before enabling vSphere HA Application Monitoring for a virtual machine? (Choose two.)

- A. VMware Tools must be installed on the VM.
- B. The vSphere Guest SDK must be installed on the VMs needing Application Monitoring.
- C. Application Monitoring requires that vCenter Server is linked to a working instance of vRealize Operations Manager and the End Points Operations agent has been installed on the guest.
- D. Application Monitoring is only supported on Linux operating systems.
- E. Application Monitoring is only supported on Windows operating systems.

Answer: AB

NEW QUESTION 24

Which two permissions are required to migrate a virtual machine with Storage vMotion? (Choose two.)

- A. Network > Move Network
- B. Virtual Machine > Inventory > Move
- C. Resource > Migrate powered on virtual machine
- D. Datastore > Allocate Space

Answer: CD

Explanation: You require these permissions to perform Storage vMotion from the Remote Command Line Interface (RCLI): Resource:
https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1011345

NEW QUESTION 29

Which three prerequisites must be in place prior to enabling secure boot for a virtual machine? (Choose three.)

- A. VirtualMachine.Config.Settings privileges
- B. an encrypted USB drive
- C. Virtual Hardware version 13 or later
- D. Virtual Hardware version 12 or later
- E. EFI firmware

Answer: ACE

NEW QUESTION 34

An administrator notices that a host is evacuating all virtual machines and entering maintenance mode even though the host appears to be up and running. Which new feature in vSphere 6.5 would cause this?

- A. Predictive DRS
- B. EVC Mode
- C. vCenter HA
- D. Proactive HA

Answer: D

Explanation: There are two vSphere Proactive HA Automation Levels:

Manual: vCenter Server will suggest only the migration recommendations for virtual machines. You need to manually migrate the virtual machines out from the degraded hosts.

Automated: Virtual Machines will be migrated to healthy hosts and degraded hosts will be entered into remediation action either quarantine or maintenance mode depending on the configured Proactive HA automation level

NEW QUESTION 36

Which are three supported storage requirements for vCenter Server HA? (Choose three.)

- A. NFS
- B. RDM
- C. vSAN
- D. VMFS
- E. JBOD

Answer: ACD

Explanation: vCenter HA is supported and tested with VMFS, NFS, and vSAN datastores.

NEW QUESTION 41

An administrator is attempting to enable Fault Tolerance on a virtual machine but the operation does not complete successfully. Which could be two reasons for this? (Choose two.)

- A. The virtual machine has more than 1 vCPU.
- B. The virtual machine has uncommitted snapshots.
- C. vSphere HA is disabled for this virtual machine.
- D. The virtual machine is located on vSAN storage.
- E. The virtual machine has over 32GB of memory assigned.

Answer: BC

Explanation: A number of validation checks are performed on a virtual machine before Fault Tolerance can be turned on.

NEW QUESTION 43

Which two situations could cause a virtual machine to appear with (orphaned) appended to its name? (Choose two.)

- A. if a host failover is unsuccessful
- B. if a virtual machine was removed from vCenter Server's inventory
- C. if a virtual machine was deployed from template, and the template has been deleted
- D. if a virtual machine is unregistered directly on the host

Answer: AD

NEW QUESTION 46

Which two encryption keys does the host use when encrypting virtual machine files? (Choose two.)

- A. Public Key Infrastructure Encryption Key (PKI)
- B. Master Encryption Key (MEK)
- C. Data Encryption Key (DEK)

D. Key Encryption Key (KEK)

Answer: CD

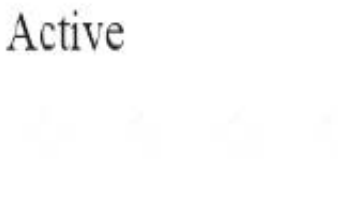
NEW QUESTION 47

Which are four attributes of the Active vCenter HA node? (Choose four.)

- A. It uses the vCenter HA network to communicate with the Witness node.
- B. It constantly replicates vPostgres data with the Witness node.
- C. It uses a public IP address for the management interface.
- D. It runs the active vCenter Server Appliance instance.
- E. It uses the vCenter HA network for replication of data.
- F. It provides a quorum to protect against split-brain situations.

Answer: ACDE

Explanation:

- | | |
|---|--|
|  | <ul style="list-style-type: none">● Runs the active vCenter Server Appliance instance● Uses a public IP address for the management interface● Uses the vCenter HA network for replication of data to the Passive node● Uses the vCenter HA network to communicate with the Witness node |
|---|--|

NEW QUESTION 49

An administrator would like to configure vSphere HA to use two isolation addresses. How would this affect the behavior of HA?

- A. If both isolation addresses are not reachable, the host will be restarted by the HA agent.
- B. If both isolation addresses are not reachable, the host will use the vCenter Server IP address as a final isolation address before being marked isolated.
- C. If only one of the isolation addresses is reachable, the host will not be marked isolated by HA.
- D. If only one of the isolation addresses is reachable, the host will be considered in an isolated by HA.

Answer: C

Explanation: if you use two isolation addresses, and if only one of the isolation addresses is reachable, the host will not be marked isolated by HA.

NEW QUESTION 54

Which is the block size on the VMFS6 datastore?

- A. All small and large file blocks are 8MB.
- B. All small and large file blocks are 1MB.
- C. Small file blocks are 512K
- D. large file blocks are 64MB.
- E. Small file blocks are 1MB, large file blocks are 512MB.

Answer: D

NEW QUESTION 56

Which are the two network requirements for a VMware vSAN 6.5 cluster? (Choose two.)

- A. Multicast must be enabled on the physical switches and routers that handle vSAN traffic.
- B. vSAN requires IPv6 only.
- C. All hosts must have a dedicated 40GbE NIC.
- D. The vSAN network supported IPv4 or IPv6.
- E. vSAN requires IPv4 only.

Answer: AD

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AFF133BC-F4B>
<http://cormachogan.com/2014/01/21/vsan-part-15-multicast-requirement-for-networking-misconfiguration-detec>

NEW QUESTION 60

Which are two Storage DRS requirements? (Choose two.)

- A. Datastore clusters must have datastores of the same size and I/O capacities.
- B. NFS and VMFS datastores cannot be combined in the same datastore cluster.
- C. Datastores shared across multiple datacenters cannot be included in a datastore cluster.
- D. NFS and vSAN datastores can be combined in the same datastore clusters.
- E. A dedicated TCP/IP stack is required for datastore clusters.

Answer: BC

NEW QUESTION 62

Which iSCSI initiator type can be used with any network interface card?

- A. Software iSCSI initiator
- B. Software FCoE adapter
- C. Hardware Independent iSCSI initiator
- D. Hardware Dependent iSCSI initiator

Answer: A

Explanation: A software iSCSI adapter is a VMware code built into the VMkernel. It allows your host to connect to the iSCSI storage device through standard network adapters. The software iSCSI adapter handles iSCSI processing while communicating with the network adapter. With the software iSCSI adapter, you can use iSCSI technology without purchasing specialized hardware.

NEW QUESTION 65

An administrator sees the following error in the log files:

```
Lost access to volume 496befed-1c79c817-6beb-001ec9b60619 (san-  
lun-100) due to connectivity issues.
```

Which two events could be the source of the error message? (Choose two.)

- A. vCenter Server failure
- B. VXLAN failure
- C. Disk array failure
- D. Network failure
- E. ESXi host failure

Answer: CD

NEW QUESTION 69

An administrator is attempting to power on a virtual machine with 32GB of memory. The operation fails with the following error:

Could not power on VM: No space left on device

Checking the space on the virtual machine's datastore, there is 30GB free. Which action would allow the VM to power on?

- A. Set a 2GB memory reservation on the VM.
- B. Mount the virtual disk from the affected VM on to another virtual machine and free up space from within the OS.
- C. Enable vSphere HD admission control on the cluster in which the VM resides.
- D. Set a 2GB memory limit on the VM.

Answer: A

Explanation: The swap file size can be calculated with the formula (.vswp File = Allocated Memory - Memory Reservation).

As per default, the reservation is set to 0, so the .vswp file size is equal to the amount of virtual memory.

NEW QUESTION 70

A company has requested that a plan for Auto Deploy be built using VMware-recommended best practices for networking.

Which two considerations adhere to VMware-recommended networking best practices for Auto Deploy? (Choose two.)

- A. Using IPv4 as Auto Deploy will be able to boot hosts with a legacy BIOS.
- B. Using DHCP reservations for address allocations because providing fixed IP addresses through host customization is not supported.
- C. Using VLANs on the management network as it offers increased performance while hosts are booting.
- D. Using IPv6 as Auto Deploy will be able to boot hosts with a legacy BIOS and UEFI.
- E. Using DHCP reservations for address allocations because providing fixed IP addresses through host customization is not recommended.

Answer: AE

Explanation: PXE booting with legacy BIOS firmware is possible only over IPv4. PXE booting with UEFI firmware is possible with either IPv4 or IPv6.

Use DHCP reservations for address allocation. Fixed IP addresses are supported by the host customization mechanism, but providing input for each host is not recommended

NEW QUESTION 74

An administrator is using virtual machine encryption in their vSphere 6.5 environment. The Key Management Server (KMS) has experienced a critical failure.

Which two statements are true about VM encryption when the KMS is not available? (Choose two.)

- A. VMs will shut down gracefully in the event of a KMS outage as a proactive measure to prevent data theft.
- B. VMs which were running at the time of the KMS failure will continue to run.
- C. If an ESXi host is rebooted, it will be unable to power on encrypted VMs until KMS connectivity is restored.
- D. vCenter Server will continue to distribute encryption keys as long as it is not rebooted while the KMS is unreachable.
- E. ESXi hosts within the same cluster will share keys with one another while the KMS is unreachable.

Answer: BC

Explanation: If the KMS is unreachable, the VMs running at the time of KMS failure will continue to run. Another fact is if an ESXi host is rebooted, it will not power on encrypted VMs until KMS connectivity is fully restored.

NEW QUESTION 78

An administrator has upgraded to vSphere 6.5 and also wants to use Kerberos authentication for NFS. Which can be done to the existing NFSv3 volumes to enable this feature?

- A. Perform a storage rescan on VMFS volumes.
- B. Unmount the NFSv3 datastore, and then mount as NFSv4.1 datastore.
- C. Nothin
- D. All NFSv3 mounted datastores are upgraded automatically during vSphere upgrades.
- E. Perform a scan of new storage devices.

Answer: B

Explanation: vSphere does not support automatic datastore conversions from NFS version 3 to NFS 4.1. If you want to upgrade your NFS 3 datastore, the following options are available:

NEW QUESTION 82

In a vSphere 6.5 cluster, the administrator notices that it is possible to set a percentage in the DRS option, "Control CPU over-commitment in the cluster." Which is the purpose of this setting?

- A. It sets and enforces a maximum percentage of virtual machine CPU usage in GHz in comparison to physical CPU availability in GHz.
- B. It sets and enforces a maximum ratio in percentage between powered on virtual machine CPUs and available physical CPUs on hosts.
- C. It prevents the creation of any additional virtual machines in the cluster.
- D. It calculates the total shares assigned to all virtual machines in comparison to GHz of available physical CPU.

Answer: B

Explanation: <https://blogs.vmware.com/vsphere/2016/10/whats-new-in-vsphere-6-5-host-resource-management-and-operation-over-commitment>: This is an option to enforce a maximum vCPU:pCPU ratios in the cluster. Once the cluster reaches this defined value, no additional VMs will be allowed to power on."

NEW QUESTION 87

An administrator has multiple vCenter Server 6.5 systems but cannot enable Storage I/O Control (SIOC) on a datastore shared by ESXi hosts managed by the vCenter Server systems.

Which action should the administrator take to resolve the issue?

- A. Unmount the datastore and then enable SIOC on the vCenter Server system.
- B. Configure the datastore to be managed by a single vCenter Server system.
- C. Configure Storage DRS and then enable SIOC on the vCenter Server system.
- D. Enable Raw Device Mapping (RDM) on the ESXi hosts.

Answer: B

Explanation: Before enabling SIOC, ensure that datastores are managed by a single vCenter Server.

NEW QUESTION 91

What are three considerations when booting ESXihost from SAN using software FCoE? (Choose three.)

- A. The VMware_FCoE_vSwitch that the installer automatically created cannot be changed.
- B. Boot LUN cannot be shared with other hosts even on shared storage.
- C. Multipathing is not supported at pre-boot.
- D. Software FCoE boot configuration cannot be changed from within ESXi

Answer: BCD

Explanation: <https://kb.vmware.com/s/article/2032363>

NEW QUESTION 96

Which component must be deployed before using encrypted virtual machines in a vSphere 6.5 environment?

- A. vCenter Server must use CA signed certificates
- B. a host with supported Trusted Platform Module
- C. supported password vault
- D. External Key Management Server

Answer: D

NEW QUESTION 99

Which command will start all services on a vCenter Server Appliance?

- A. /etc/init.d/hostd start
- B. services.sh restart
- C. service-control - -start -- all
- D. service vmware - - vpxd start

Answer: C

NEW QUESTION 103

Which three requirements are needed to apply RAID 5 or RAID 6 erasure coding on a vSAN 6.2 or 6.5 object? (Choose three.)

- A. on Disk Format 3.0
- B. Hybrid vSAN
- C. All Flash vSAN
- D. vSAN Advanced License
- E. Stretched Cluster Configurations

Answer: ACD

NEW QUESTION 104

An administrator has recently upgraded from vSphere 6.0 to 6.5, and can no longer see the software iSCSI named vmhba33. Which could be the reason for this?

- A. The upgrade has changed the vmhba name.
- B. vSphere 6.5 automates iSCSI configurations.
- C. vSphere 6.5 no longer supports software iSCSI.
- D. The upgrade has deleted the vmhba.

Answer: A

NEW QUESTION 109

Which two partitions are used for the VMware vCenter Server Appliance embedded vPostgres database? (Choose two.)

- A. /storage/seat/
- B. /storage/netdump/
- C. /storage/db/
- D. /storage/core/

Answer: AC

Explanation:

VMDK6	10GB	/storage/db	VMware Postgres database storage location
VMDK7	5GB	/storage/dblog	VMware Postgres database logging location
VMDK8	10GB	/storage/seat	Stats, Events, Alarms and Tasks (SEAT) directory for VMware Postgres

NEW QUESTION 110

Which happens if the swap file of a virtual machine is inaccessible to the destination host during a vMotion?

- A. The swap file is stored with the virtual machine configuration file.
- B. The swap file is copied to the destination host.
- C. The vMotion will fail.
- D. The swap file is replicated to a datastore accessible by both hosts.

Answer: A

Explanation:

If the destination host cannot access the specified swap file location, it stores the swap file with the virtual machine configuration file.

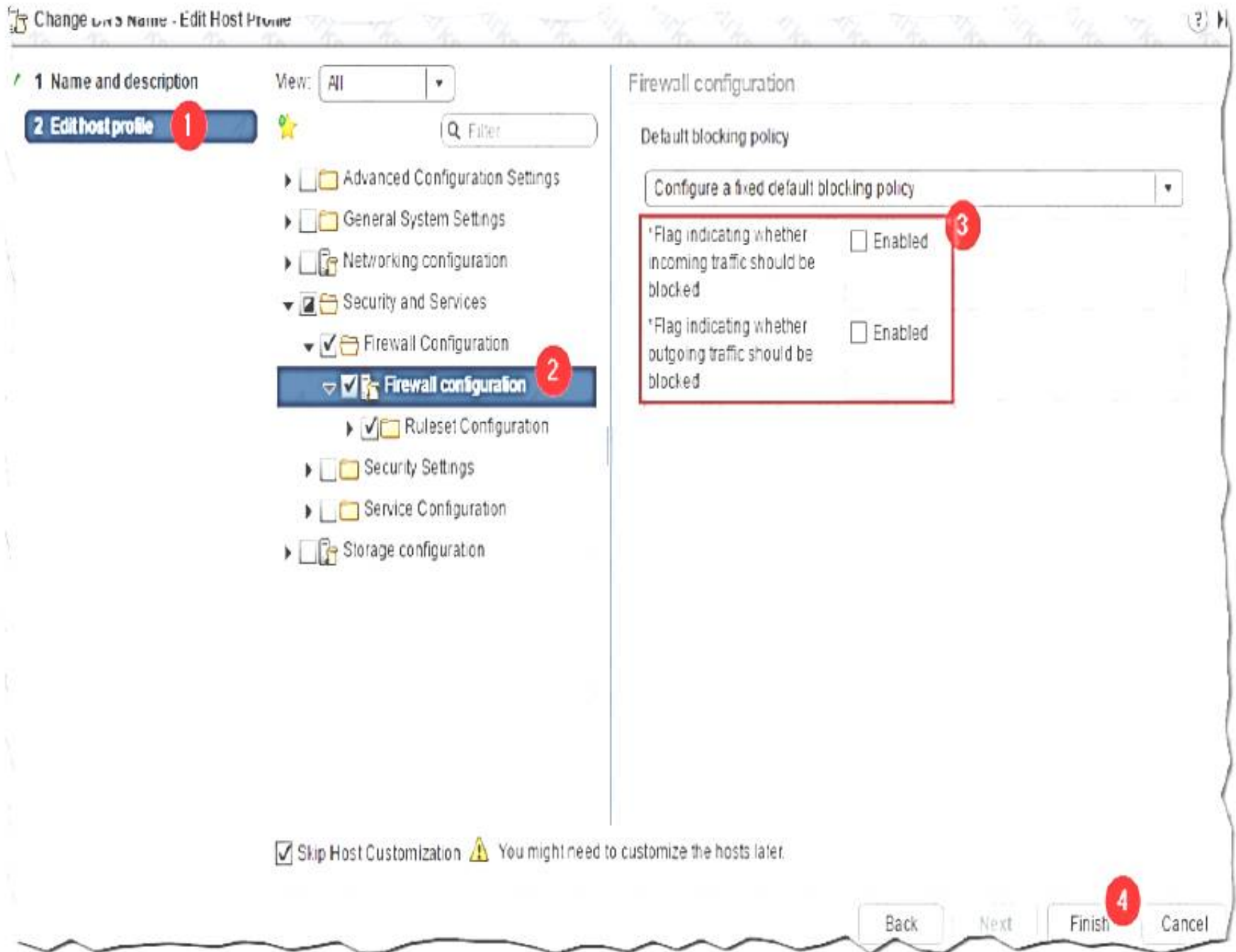
NEW QUESTION 115

Which Host Profile Subprofile configuration is used to configure firewall settings for ESXi hosts?

- A. Advanced Configuration Settings
- B. General System Settings
- C. Security
- D. Networking

Answer: C

Explanation:



NEW QUESTION 116

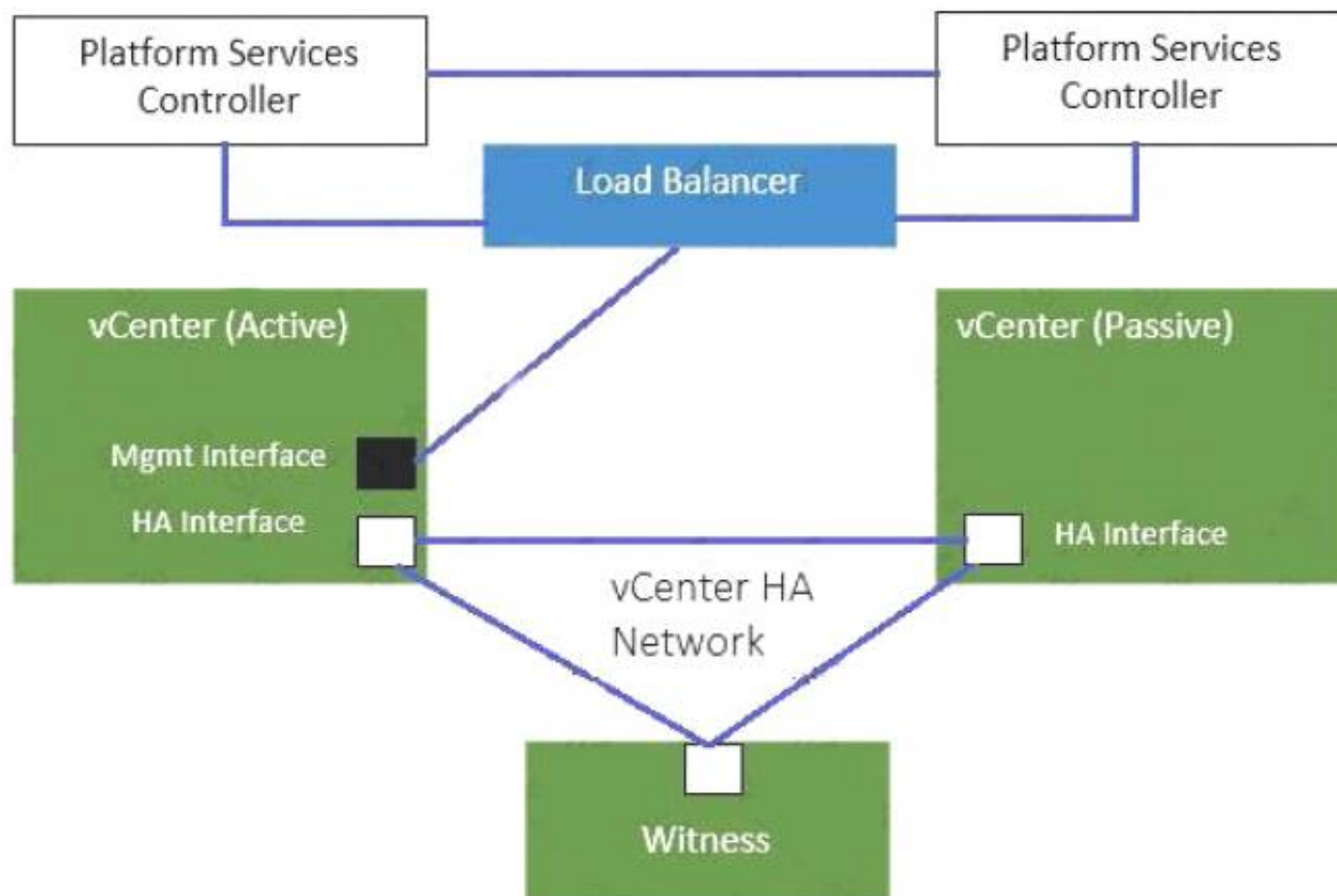
To enable Predictive DRS, which three steps must be taken? (Choose three.)

- A. vRealize Log Insight must be enabled and configured to watch for Predictive DRS moves.
- B. The corresponding virtual machines must be tagged for Predictive DRS use.
- C. A supported version of vRealize Operations Manager must be configured and enabled.
- D. The Predictive DRS check box must be enabled.
- E. DRS must be enabled.

Answer: CDE

NEW QUESTION 117

View the Exhibit. The exhibit represents a vCenter HA with external Platform Services Controllers in a highly available deployment. How many vCenter Server 6.5 licenses are required?



- A. 5
- B. 3
- C. 2
- D. 1

Answer: D

NEW QUESTION 120

An administrator is attempting to access an ESXi host via the DCUI but is unable to do so. Which could be two possible causes? (Choose two.)

- A. The host in question has no out-of-band management capability (i.e., iLO/iDRAC).
- B. iLO/iDRAC).
- C. The SSH service is disabled on the host.
- D. Strict lockdown mode is enabled on the host.
- E. Normal lockdown mode is enabled and the administrator is a member of the Exception User list.
- F. The DCUI service is disabled on the host.

Answer: CE

NEW QUESTION 121

Which are two vCenter Server two-factor authentication methods? (Choose two.)

- A. RSA SecurID
- B. Smart Card
- C. SAML
- D. Symantec VIP

Answer: AB

NEW QUESTION 125

ESXi hosts with 10Gbps network cards are attached to a distributed switch. The administrator has upgraded to NIOC3 and wants to allow vMotion traffic to use as much bandwidth as possible but must ensure that other services always have sufficient bandwidth. How can this be done?

- A. Configure shares on the distributed switch for the vMotion traffic type.
- B. Configure limits on the distributed switch on the vMotion traffic type.
- C. Associate vMotion traffic with a network resource pool and use CoS tagging.
- D. Set shares on user-defined network resource pool and associate it with vMotion traffic.

Answer: A

Explanation: From the Shares drop-down menu, edit the share of the traffic in the overall flow through a physical adapter. Network I/O Control applies the configured shares when a physical adapter is saturated.

NEW QUESTION 129

After deploying the vCenter Server Appliance, an administrator can log into the vSphere Web Client as “administrator@vSphere.local”, but not with Active Directory domain credentials. Which action will troubleshoot this?

- A. Create a domain group named “esxadmins” and add the domain account to it.
- B. Add the Active Directory domain as a Single Sign-On identity source.
- C. Change the Active Directory account password to match administrator@vSphere.local” password.
- D. Create a child domain named “vSphere.local”.

Answer: B

NEW QUESTION 132

When upgrading a standalone vCenter Single Sign-On Server version 5.5 to version 6.5, which will be the final deployment type?

- A. There is no option to do this type of upgrade.
- B. It will be an external Platform Services Controller.
- C. It will be an embedded Platform Services Controller with vCenter Server
- D. It will be a Standalone vCenter Server.

Answer: B

Explanation:

You can upgrade an externally deployed vCenter Single Sign-On 5.5 to an externally deployed Platform Services Controller 6.5 instance by using the vCenter Server for Windows installer.

NEW QUESTION 134

For Virtual Machine Compatibility upgrade, a VM needs to be in which power state?

- A. Maintenance mode
- B. Suspended
- C. Powered Off
- D. Powered On

Answer: C

NEW QUESTION 139

Using the vCenter Server Appliance 6.5, which two tools can be used to manage Auto Deploy deploy rules? (Choose two.)

- A. PowerCLI
- B. Plug-Ins available in the vCenter Server Appliance Shell
- C. vSphere Appliance Management UI
- D. vCenter Server Appliance BASH Shell
- E. Auto Deploy GUI in the vSphere Web Client

Answer: AE

Explanation: <https://blogs.vmware.com/vsphere/2015/05/configure-auto-deploy-rules-powercli.html>
<http://www.enterprisedaddy.com/2016/12/vsphere-6-5-auto-deploy-on-vcenter-server-6-5/>

NEW QUESTION 143

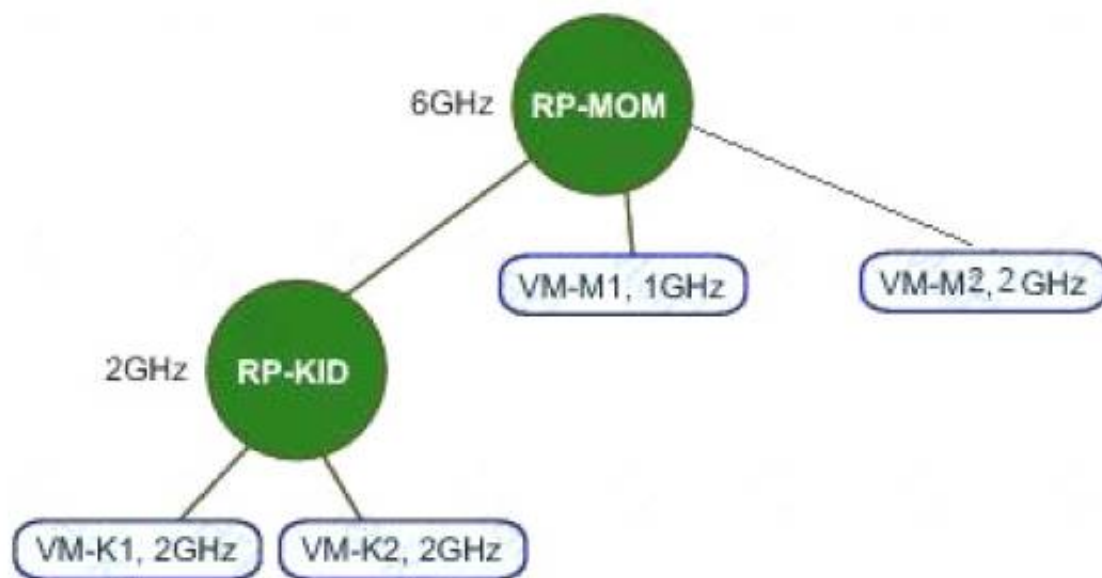
Which three types of Content Libraries exist within vSphere 6.5? (Choose three.)

- A. Remote Content Library
- B. Published Content Library
- C. Local Content Library
- D. Shared Content Library
- E. Subscribed Content Library

Answer: BCE

NEW QUESTION 147

The administrator wants to power on VM-K2, which has a 2GHz CPU reservation. VM-M1, VM-M2, and VM-K1 are all powered on. VM-K2 is not powered on. The exhibit shows the parent and child resource reservations.



If Resource Pool RP-KID is configured with an expandable reservation, which statement is true?

- A. VM-K2 will be unable to power on because there are insufficient resources.
- B. VM-K2 will be able to power on since resource pool RP-KID has 2GHz available.
- C. VM-K2 will be unable to power on because only 2GHz are reserved for RP-KID.
- D. VM-K2 will receive resource priority and will be able to power on this scenario.

Answer: A

NEW QUESTION 148

Which two statements are true about Permanent Device Loss (PDL)? (Choose two.)

- A. All paths are shown as Dead for the affected device.
- B. The datastore cluster is incorrectly configured.
- C. The datastore on the affected device shown a yellow warning sign.
- D. The datastore on the affected device shows a red error sign.
- E. The operational state of the affected device changes to Lost Communication.

Answer: AE

NEW QUESTION 149

In vSphere Data Protection 6.1, which is the function of a Backup Verification job?

- A. Non
- B. Backup Verification job is not a feature of vSphere Data Protection
- C. It is a manual task- Power it on- Verify the guest OS- Check started applications
- D. It is an automatic process- Restore a virtual machine- Power it on- Verify that the guest OS is booted by communicating with the Backup Verification agent
- E. It is an automatic process- Restore a virtual machine- Power it on- Verify that the guest OC is booted by detecting the VMware Tools™ “heartbeats”

Answer: D

Explanation: Automated Backup Verification

Backup Verification jobs can be created in vSphere Data Protection. These jobs automate the process of restoring a virtual machine: powering it on; verifying the guest OS booted, by detection of VMware Tools “heartbeats”.

NEW QUESTION 152

Which port is used for vSphere HA agent-to-agent communication?

- A. 902
- B. 443
- C. 8182
- D. 22

Answer: C

NEW QUESTION 154

Which two datapoints does VM Monitoring evaluate before resetting a virtual machine? (Choose two.)

- A. High CPU activity on the VM
- B. High CPU activity on the ESXi host running the VM
- C. Heartbeats sent from VMware Tools
- D. High memory utilization on the VM
- E. I/O activity

Answer: CE

NEW QUESTION 157

Where would a vSphere administrator find general vCenter Server logs on a vCenter Server Appliance?

- A. /var/log/vmware/vpxd/
- B. /var/log/messages
- C. /etc/vmware-vpx/
- D. /var/log/vmware/vsan-health/

Answer: A

Explanation: The VMware vCenter Server Appliance 6.0 logs are located in the /var/log/vmware/ folder. vpxd/vpxd.log → The main vCenter Server log

NEW QUESTION 158

An administrator attempts to manually reclaim space on thin-provisioned VMFS6 volumes but finds that no additional space is being recovered. Which could be causing this?

- A. vSphere 6.5 does not support manual UNMAP.
- B. The manual UNMAP operation has been moved to the vSphere web client.
- C. The VASA version in use is incompatible.
- D. UNMAP is automated for VMFS6.

Answer: D

Explanation: The additional space is not recovered because UNMAP is automated for VMFS 6. To get additional space recovered using the manual reclaim process, you need to remove UNMAP from being automated for VMFS 6.

NEW QUESTION 160

Which system traffic type cannot be configured with Network I/O Control (NIOC) bandwidth allocation?

- A. Virtual SAN traffic
- B. ESXi host Management traffic
- C. vSphere Replication traffic
- D. Software FCoE Adapter traffic

Answer: D

Explanation: You can use NIOC to assign bandwidth for host management, virtual machines, iSCSI storage, NFS storage, vSphere vMotion, vSphere Fault Tolerance, vSAN, and vSphere Replication on the physical adapters that are connected to a vSphere Distributed Switch but not Fcoe Adapter traffic.

NEW QUESTION 164

A vSphere Administrator has received complaints that an MSCS cluster is failing over during vMotion operations. What action would minimize migrations for only the MSCS VMs?

- A. Configure the VM DRS Automation level to override as Partially Automated.
- B. Configure the migration threshold to Conservative for the vSphere DRS cluster.
- C. Configure the vSphere DRS cluster to be Partially Automated.
- D. Change the pathing policy to Round Robin for MSCS RDMS.

Answer: A

NEW QUESTION 167

Which three storage protocols are supported by Virtual Volumes? (Choose three.)

- A. FCIP
- B. FCoE
- C. iSCSI
- D. NFS v3
- E. NFS v4

Answer: BCD

Explanation: Virtual Volumes supports NFS version 3 and 4.1, iSCSI, Fibre Channel, and FCoE.

NEW QUESTION 171

In vCenter Server 6.5, which two host states can be configured as remediation steps with Proactive HA? (Choose two.)

- A. Maintenance mode
- B. Disconnected
- C. Powered off
- D. Standby mode
- E. Quarantine mode

Answer: AE

Explanation: Proactive HA Failures

A Proactive HA failure occurs when a host component fails, which results in a loss of redundancy or a noncatastrophic failure. However, the functional behavior of the VMs residing on the host is not yet affected.

For example, if a power supply on the host fails, but other power supplies are available, that is a Proactive HA failure.

If a Proactive HA failure occurs, you can automate the remediation action taken in the vSphere Availability section of the vSphere Web Client. The VMs on the affected host can be evacuated to other hosts and the host is either placed in Quarantine mode or Maintenance mode.

References:

NEW QUESTION 172

If vCenter Server 5.5 installation has one or more services deployed remotely, which three services are relocated to vCenter Server 6.5 on upgrade? (Choose three.)

- A. vCenter Inventory Services
- B. vSphere Authentication Proxy
- C. vSphere Web Client
- D. vSphere ESXi Dump Collector
- E. vSphere Syslog Collector

Answer: CDE

NEW QUESTION 177

Which two statements are true when vSAN & vSphere HA are enabled in the same cluster? (Choose two.)

- A. Any vSAN datastore mounted on more than one host can be used as a Heartbeat datastore.
- B. The vSAN storage network is used for vSphere HA traffic.
- C. The Management network is used for vSphere HA traffic.
- D. Any datastore mounted on more than one host can be used as a Heartbeat datastore, except vSAN datastores.
- E. Any datastore mounted on more than one host can be used as a Heartbeat datastore.

Answer: BD

NEW QUESTION 178

Which two configuration options can exclude virtual disks from snapshot operations? (Choose two.)

- A. Use RDM in virtual mode for virtual disk.
- B. Use virtual disks in Independent – Persistent mode.
- C. Use a virtual disk larger than 2 TB in size.
- D. Use RDM in physical mode for virtual disk.

Answer: BD

NEW QUESTION 181

When troubleshooting VMware vCenter Server issues, which logging level provides maximum detail?

- A. info
- B. trivia
- C. error
- D. verbose

Answer: B

NEW QUESTION 182

What counter should an administrator check to determine if a virtual machine is ballooning?

- A. swapinRate
- B. vmmemctl
- C. vmmemctltarget
- D. swapped

Answer: B

Explanation: Memory Ballooning is the memory reclamation technique used by hypervisor to reclaim the memory back from the virtual machine.

When ESXi host running low on physical memory, It uses ballooning driver (vmmemctl.sys) to determine the how much memory from virtual machines can be get back to prevent the hypervisor swapping.

NEW QUESTION 186

When upgrading a VMware vSAN cluster to version 6.5, which two tasks must be completed to comply with upgrade requirements and VMware-recommended best practices? (Choose two.)

- A. Use RVC to upgrade the hosts.
- B. Use the latest available ESXi version.
- C. Back up all VMs.
- D. Use only the “Full data migration” maintenance mode option.

Answer:

BC

NEW QUESTION 187

Which two statements are true regarding Auto Deploy in version 6.5? (Choose two.)

- A. Auto Deploy can be configured and managed via PowerCLI.
- B. Auto Deploy can be configured and managed via the vSphere Client.
- C. Auto Deploy can be configured and managed via the vSphere Web Client.
- D. Auto Deploy can be configured and managed via vCLI commands.

Answer: AC

NEW QUESTION 188

On which level is the virtual machine system traffic reservation defined in Network I/O Control version 3?

- A. Uplink
- B. Distributed switch
- C. Distributed portgroup
- D. Host

Answer: B

NEW QUESTION 190

A vSphere HA cluster with four hosts has admission control configured to tolerate one host failure. Which statement is true if a fifth host is added?

- A. CPU and Memory capacity will be set to 25%.
- B. CPU and Memory capacity will be set to 50%.
- C. CPU and Memory capacity will be set to 20%.
- D. CPU and Memory capacity will be set to 30%.

Answer: C

Explanation: Select the Percentage of Cluster Resources Reserved admission control policy. This policy offers the most flexibility in terms of host and virtual machine sizing. When configuring this policy, choose a percentage for CPU and memory that reflects the number of host failures you want to support. For example, if you want vSphere HA to set aside resources for two host failures and have ten hosts of equal capacity in the cluster, then specify 20%

NEW QUESTION 194

Which are three prerequisites for using UEFI secure boot? (Choose three.)

- A. Virtual machine with EFI firmware
- B. Virtual Hardware version 12
- C. Virtual Machine with BIOS firmware version 6
- D. Virtual Hardware version 13
- E. Operating system that supports UEFI secure boot

Answer: ADE

Explanation: Verify that the virtual machine operating system and firmware support UEFI boot. EFI firmware
Virtual hardware version 13 or later.
Operating system that supports UEFI secure boot.
You need VirtualMachine.Config.Settings privileges to enable or disable UEFI secure boot for the virtual machine.
<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.security.doc/GUID-898217D4-689D-4>

NEW QUESTION 199

What configuration option would ensure that a virtual NUMA topology is defined on VMs having more than eight virtual CPUs?

- A. cupid.coresPerSocket
- B. numa.vcpu.maxPerVirtualNode
- C. numa.vcpu.min
- D. numa.vcpu.followcoresocket

Answer: B

NEW QUESTION 203

In order to use vCenter Converter Standalone to convert a Windows 8 physical machine to a virtual machine, which statement is true?

- A. Volume layout can be reorganized on the destination virtual machine as long as the physical machine is powered off.
- B. The physical machine cannot be converted because vCenter Converter Standalone does not support Windows 8 machines.
- C. Volumes can be resized on the destination virtual machine as long as the physical machine is powered on.
- D. The destination virtual machine can be created as a linked clone.

Answer: C

NEW QUESTION 205

Which statement is correct when migrating from a Windows vCenter Server to the vCenter Server Appliance 6.5?

- A. Migration deployments do not migrate local OS users from the source vCenter Server.
- B. Migration deployments support DHCP on the source vCenter Server.
- C. Migration deployments allow the source vCenter Server to remain powered on afterwards.
- D. Migration deployments support custom ports for all services on the source vCenter Server.

Answer: A

NEW QUESTION 207

An administrator is configuring vCenter HA and considering placing the Passive and Witness nodes in another datacenter from the Active Node. Which is the maximum supported latency between the vCenter HA nodes?

- A. 5ms
- B. 10ms
- C. 100ms
- D. 30ms
- E. 50ms

Answer: B

Explanation: vCenter HA network latency between Active, Passive, and Witness nodes must be less than 10 ms.

References:

NEW QUESTION 209

When you attempt to open a virtual machine console from the vSphere Web Client, the console does not connect. The following error message appears:

HTTP ERROR 404
Problem accessing/.Reason:
Not Found

Why did not connect?

- A. Port 443 is in use.
- B. Port 9443 is in use.
- C. Port 8443 is in use.
- D. Port 22443 is in use.

Answer: B

Explanation: Another program or process is using port 9443, the default port used by the HTML5 virtual machine console.

NEW QUESTION 214

An administrator has an application that requires high CPU throughput. Which action would ensure that the application gets the required throughput?

- A. Enable Fault Tolerance on the virtual machine.
- B. Disable Fully Automated DRS.
- C. Set a CPU limit on the virtual machine.
- D. Adjust the virtual machine latency sensitivity.

Answer: D

Explanation: You can adjust the latency sensitivity of a virtual machine to optimize the scheduling delay for latency sensitive applications.

ESXi is optimized to deliver high throughput. You can optimize your virtual machine to meet the low latency requirement of latency sensitive applications.

Examples of latency sensitive applications are VOIP or media player applications, or applications that require frequent access to the mouse or keyboard devices.

NEW QUESTION 218

An administrator is creating a hybrid vSAN cluster with six ESXi hosts equally distributed on three server racks. How can this cluster be protected from a single rack failure?

- A. Allocate at least two storage controllers in each host.
- B. Create at list two disk groups in each host.
- C. Allocate at least two flash devices for caching in each disk group.
- D. Create three fault domains in the vSAN cluster.

Answer: D

NEW QUESTION 220

Which two storage configurations on the source server are unsupported with VMware Converter? (Choose two.)

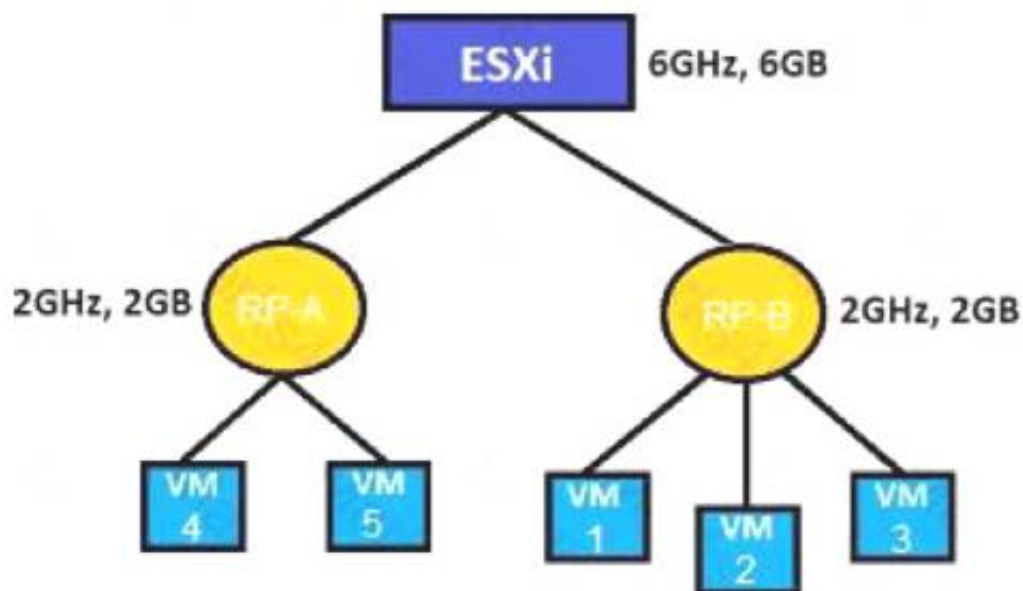
- A. Linux LVM

- B. Windows basic volumes
- C. software RAID
- D. GPT/MBR hybrid disks
- E. Windows dynamic volumes

Answer: CD

NEW QUESTION 221

In a vSphere environment, two resource pools are created as shown in the Exhibit.



Each VM is configured with 1 GB of memory. When the administrator tried to power on VM3, the operation failed. What action in the resource pool settings will allow VM3 to power on successfully?

- A. Increase Memory Reservation.
- B. Deselect Expandable Memory Reservation
- C. Increase the CPU Reservation
- D. Deselect Expandable CPU Reservation.

Answer: A

NEW QUESTION 222

What is the logical and physical sector size for 512e disks?

- A. Logical Sector Size 512 Physical Sector Size 512
- B. Logical Sector Size 512 Physical Sector Size 4096
- C. Logical Sector Size 4096 Physical Sector Size 4096
- D. Logical Sector Size 2048 Physical Sector Size 512

Answer: B

NEW QUESTION 224

A vSphere Administrator observes that the Primary VM configured with Fault Tolerance is executing slowly. After further investigation, it is determined that the Secondary VM is on an overcommitted ESXi host.

What two methods will correct the problem? (Choose two.)

- A. Configure a CPU limit on the Primary VM which will also apply to the Secondary VM.
- B. Turn off and turn on FT in order to recreate the Secondary VM on a different datastore.
- C. Use Storage vMotion to migrate the Secondary VM to another datastore.
- D. Use vMotion to migrate the Secondary VM to a different ESXi host.

Answer: BD

NEW QUESTION 226

What are two requirements to enable EVC in a vSphere DRS cluster? (Choose two.)

- A. CPUs must be from the same vendor.
- B. CPUs must be in the same family and of the same speed.
- C. No VMs may be running in the cluster.
- D. EVC must use the lowest possible baseline supported by the hardware.

Answer: AD

NEW QUESTION 230

What is the maximum supporter number of vCPU per VM in VMware vSphere 6.5?

- A. 246
- B. 128
- C. 64
- D. 32

Answer: B

Explanation: <https://www.vmware.com/pdf/vsphere6/r65/vsphere-65-configuration-maximums.pdf>

NEW QUESTION 231

Option available to enable Encrypted vMotion. (Choose two.)

- A. Enable
- B. Opportunistic
- C. Required
- D. Default

Answer: BC

NEW QUESTION 233

What is the result of a “Consolidate” action on a virtual machine?

- A. All snapshots on the virtual machines will be deleted.
- B. The virtual machine will be reverted to its last snapshot.
- C. Redundant delta disks will be combined and deleted.
- D. A new snapshot with memory state will be created.

Answer: C

NEW QUESTION 235

A vSphere administrator wants to reserve 0.5Gbps for virtual machines on each uplink on a distributed switch that has 10 uplinks. What is the quota that should be reserved for the network resource pool?

- A. 5Gbps
- B. 10Gbps
- C. 100Gbps
- D. 0.5Gbps

Answer: A

Explanation: For example, if the virtual machine system traffic has 0.5 Gbps reserved on each 10 GbE uplink on a distributed switch that has 10 uplinks, then the total aggregated bandwidth available for VM reservation on this switch is 5 Gbps. Each network resource pool can reserve a quota of this 5 Gbps capacity.

NEW QUESTION 237

Which are the three supported backup types for the vCenter Server Appliance 6.5? (Choose three.)

- A. File-Based Backup
- B. vSphere Storage APIs-Data Protection
- C. Replication
- D. Snapshots
- E. vSphere Data Protection

Answer: ABE

NEW QUESTION 240

vSphere DRS helps to balance virtual machines with available resources in a vSphere cluster. What three types of resources can be taken into account for balancing? (Choose three.)

- A. virtual NIC saturation of a virtual machine
- B. RAM
- C. storage latency
- D. CPU
- E. physical NIC saturation of an ESXi host

Answer: BDE

NEW QUESTION 242

An administrator is trying to add a new virtual disk of 3TB to a virtual machine on a recently upgraded ESXi 6.x host, but receives this error:

The disk capacity entered was not a properly formed number or was out of range. It has been replaced with the nearest acceptable value. How can the new virtual disk be added to the virtual machine?

- A. Upgrade the VMFS datastore.
- B. Change the VMFS datastore block size to 8MB.
- C. Move the virtual machine to a datastore with free space.
- D. Use vmkfstools to upgrade to VMFS6.

Answer: B

NEW QUESTION 244

Which method is supported for backing up the virtual machine that contains vCenter Server?

- A. incremental
- B. individual disks
- C. differential
- D. full image

Answer: D

NEW QUESTION 247

What is a potential downside of having more than four storage paths per datastore?

- A. increases storage latency for VM
- B. limits the number of LUNs per host
- C. limits the storage protocols
- D. limits the path selection policies

Answer: B

NEW QUESTION 249

An Administrator for a new vCenter Server HA deployment has an infrastructure that is using an external Platform Services Controller (PSC). Which three Load Balancers are supported by VMware? (Choose three.)

- A. Windows network Load Balancer
- B. F5 BIG-I
- C. VMware NSX EDGE
- D. Citrix Netscaler
- E. Linux HA Proxy

Answer: BCD

NEW QUESTION 252

A vSphere Administrator must ensure that when vSphere HA is triggered, the virtual machines are restarted by priority. What four VMrestart priorities are available? (Choose four.)

- A. Medium
- B. Low
- C. Conservative
- D. High
- E. Disabled
- F. Aggressive

Answer: ABDE

Explanation: The values for this setting are Disabled, Low, Medium (the default), and High. The Disabled setting is ignored by the vSphere HA VM/Application monitoring feature because this feature protects virtual machines against operating system-level failures and not virtual machine failures. When an operating system-level failure occurs, the operating system is rebooted by vSphere HA, and the virtual machine is left running on the same host. You can change this setting for individual virtual machines.

<https://docs.vmware.com/en/VMware-vSphere/6.0/vsphere-esxi-vcenter-server-601-availability-guide.pdf>

NEW QUESTION 256

What external load balancers are supported in vsphere 6.5? (Choose three.)

- A. NSX Edge
- B. Netscaler
- C. F5 Big-IP
- D. Microsoft NLB

Answer: ABC

NEW QUESTION 261

A vSphere administrator upgraded vCenter Server (VC) from version 5.5 to 6.5. Existing VMFS5 datastores consumption is 75% full. All of the ESXi hosts have been upgraded to version 6.5. Existing datastores have not yet been upgraded.

Which is VMware's recommended approach to upgrading each VMFS5 datastore to VMFS6?

- A. The option to upgrade datastores to VMFS6 is only available during the ESXi host upgrade process.
- B. Log on one ESXi host at a time using vSphere 6.5 Windows Client
- C. Navigate to the datastores view. Right-click on the VMFS5 datastore, and then select upgrade to VMFS6.
- D. Log on to VC using vSphere 6.5 Web Client
- E. Navigate to the datastores view
- F. Right-click on the VMFS5 datastore, and then select upgrade to VMFS6.
- G. Log on to VC using vSphere 6.5 Web Client
- H. Create a VMFS6 datastore on a new LUN
- I. Use storage vMotion to migrate the data to the new datastore.

Answer: D

Explanation: Perform version check for the vCenter Server and all ESX hosts.

Note: All ESXi hosts and vCenter Server must be of vSphere 6.5. Do not proceed if any one of ESXi hosts is not vSphere 6.5. Proceeding further means business continuity loss and the new datastore is not visible in old ESX hosts.

Perform all pre checks for free space availability on datastore DS-2. Available space on DS-2 must be equal or more than the datastore DS-1 space.

Ensure that the datastore DS-2 is VMFS 6 type.

Prepare list of all virtual machines in the vCenter Server's inventory that are hosted on datastore DS-1. Evacuate the datastore DS-1. For this, migrate all the virtual machines running from datastore DS-1 to

datastore DS-2. Storage vMotion operations are performed on these virtual machines.

Perform one migration at a time to avoid disrupting the performance of remaining datacenter entities. Keep track of any migration failures, if any, re-trigger the migration for those virtual machines.

Ensure that datastore DS-1 is empty by listing files on this datastore. Note: Proceed further only if datastore DS-1 is empty.

Unmount datastore DS-1 from all ESX hosts. Delete datastore DS-1.

Create a new datastore with the VMFS 6 filesystem using the same lun. For example, DS-1.

Trigger a storage rescan operation on all hosts and wait for few minutes for this operation to complete.

Move all virtual machines back to datastore DS-1 from datastore DS-2 by performing storage vMotion operation. It is suggested to migrate one virtual machine at a time. Keep track of any migration failures, if any, re-trigger migration for those virtual machines.

NEW QUESTION 264

Which are two requirements for configuring vCenter HA? (Choose two)

- A. A secondary NIC on the active node must be create and configured
- B. A management and heartbeat network must be created and configured
- C. A default gateway entry must be added for the cluster network
- D. All components must be on the same subnet as the management network
- E. The network IP addresses for the active, passive, and witness nodes must be static

Answer: BE

NEW QUESTION 268

ESXi 6.5 introduces VMFS6, which supports both 512e and 512n devices.

What three configurations are supported when using these devices? (Choose three.)

- A. Hosts with both 512e and 512n devices.
- B. Storage vMotion between both 512e and 512n devices.
- C. Datastore Extents spanned between both 512e and 512n devices.
- D. Storage DRS clusters containing only both 512e and 512n devices.

Answer: ABD

Explanation: VMFS can host both 512e and 512n devices. It also supports storage vMotion between 512e and 512n devices. In addition to that DRS clusters can contain both 512e and 512n devices at the same time.

NEW QUESTION 269

vCenter Server Appliance Instance can be backed up using which Client Interface?

- A. vSphere Client Interface
- B. Virtual Appliance Management Interface
- C. vSphere Web Client Interface
- D. VMware Host Client Interface

Answer: B

NEW QUESTION 271

A scripted upgrade of ESXi fails due to an incorrect parameter in the upgrade script. What file must the administrator modify to correct the problem?

- A. boot.cfg
- B. vmreconfig.pl
- C. ks.cfg
- D. hostinfo.pl

Answer: A

NEW QUESTION 275

An administrator finds that the Microsoft Exchange virtual machines are exhibiting network latency. What two in-guest changes can help decrease latency? (Choose two.)

- A. PVDRMA
- B. TSO
- C. SR-IOV
- D. LRO

Answer: BD

Explanation: Using TSO and LRO on physical and virtual machine NICs improves the performance of ESX/ESXi hosts by reducing the CPU overhead for TCP/IP network operations. The host uses more CPU cycles to run applications.

If TSO is enabled on the transmission path, the NIC divides larger data chunks into TCP segments. If TSO is disabled, the CPU performs segmentation for TCP/IP.

TSO is referred to as LSO (Large Segment Offload or Large Send Offload) in the latest VMXNET3 driver attributes.
LRO reassembles incoming network packets into larger buffers and transfers the resulting larger but fewer packets to the network stack of the host or virtual machine. The CPU has to process fewer packets than when LRO is disabled, which reduces its utilization for networking.

NEW QUESTION 280

What are two reasons why a datastore in a Storage DRS cluster cannot enter maintenance mode? (Choose two.)

- A. Storage latency is too high to allow Storage DRS initiate Storage vMotion.
- B. Rules prevent Storage DRS from making migration recommendations.
- C. Storage DRS is disabled on the virtual disk.
- D. Storage DRS is configured for a VMFS3 datastore.

Answer: BC

Explanation: Problem

A datastore in a datastore cluster cannot enter maintenance mode. The Entering Maintenance Mode status remains at 1%.
Cause
One or more disks on the datastore cannot be migrated with Storage vMotion. This condition can occur in the following instances.
Storage DRS is disabled on the disk
Storage DRS rules prevent Storage DRS from making migration recommendations for the disk.

NEW QUESTION 282

Assuming a mirrored (RAID-1) object configuration, how many hosts must contribute storage in a non-stretched VMware vSAN cluster to satisfy the “Number of failures to tolerate” policy option?
“n” is the desired “Number of failures to tolerate” value for all options.

- A. 3n
- B. 2n
- C. 2n+1
- D. 2n+2

Answer: C

Explanation:

VMware vSAN Policy Options			
Capability	Use Case	Value	Comments
Number of failures to tolerate	Redundancy	Default 1 Max 3	A standard RAID 1 mirrored configuration that provides redundancy for a virtual machine disk. The higher the value, the more failures can be tolerated. For n failures tolerated, n+1 copies of the disk are created, and 2n+1 hosts contributing storage are required. A higher n value indicates that more replicas of virtual machines are made, which can consume more disk space than expected.

NEW QUESTION 283

Storage capabilities be populated in what two ways? (Choose two.)

- A. Datastores can advertise their capabilities through VASA.
- B. Datastores can advertise their capabilities through VAAI.
- C. The administrator can use tags to describe capabilities.
- D. Default capabilities are provided by vCenter Server.

Answer: AC

NEW QUESTION 288

What VM Monitoring setting would ensure that the failure interval for a virtual machine is defined as 120 seconds?

- A. High
- B. Medium
- C. Low
- D. Normal

Answer: C

Explanation: VM Monitoring Settings

Setting	Failure Interval (seconds)	Reset Period
High	30	1 hour
Medium	60	24 hours
Low	120	7 days

NEW QUESTION 293

Which network is used by vSphere HA when VMware vSAN is enabled?

- A. vSAN network
- B. vMotion network
- C. Management network
- D. vSphere Replication network

Answer: A

Explanation: vSphere HA networking differences



NEW QUESTION 295

An administrator is upgrading their external Platform Services Controllers and vCenter Server Appliance, and also migrating vSphere Update Manager version 6.0 to version 6.5.
Which is the correct order to upgrade these components?

- A. - Upgrade the external Platform Services Controller- Run the Migration Assistant on the vSphere Update Manager- Upgrade the vCenter Server Appliance
- B. - Upgrade the external Platform Services Controller- Upgrade the vCenter Server Appliance- Run the Migration Assistant on the vSphere Update Manager
- C. - Upgrade the external Platform Services Controller- Upgrade the vSphere Update Manager- Upgrade the vCenter Server Appliance
- D. - Upgrade the vCenter Server Appliance- Run the Migration Assistant on the vSphere Update Manager- Upgrade the external Platform Services Controller

Answer: A

NEW QUESTION 297

Which two clients could an Administrator use to add a new identity source to the vCenter Single Sign-On domain? (Choose two.)

- A. vSphere Client
- B. Platform Services Controller Web Interface
- C. vSphere Appliance Management Interface
- D. vSphere Web Client
- E. VMware Host Client

Answer: BC

NEW QUESTION 298

Which two statements are true foe NFS v4.1 firewall behavior? (Choose two.)

- A. It closes port 2049.
- B. It opens port 2049.
- C. It sets allowedAll flag to TRUE.
- D. It sets allowedAll flag to FALSE.

Answer: BC

Explanation: NFS v4.1 Firewall Behavior

When you mount the first NFS v4.1 datastore, ESXi enables the nfs41client rule set and sets its allowedAll flag to TRUE. This action opens port 2049 for all IP address. Unmounting an NFS v4.1 datastore does not affect the firewall state. That is, the first NFS v4.1 mount opens port 2049 and that port remains enabled

unless you close it explicitly.

	Label	Incoming Ports	Outgoing Ports	Protocols	Daemon
<input checked="" type="checkbox"/>	SynologyNasPlugin	2049	2049,111	TCP,UDP	N/A

NEW QUESTION 300

Which two statements correctly describe VM-Host affinity rules? (Choose two.)

- A. After creating a VM-Host affinity rule, its ability to function in relation to other rules is not checked.
- B. After creating a VM-Host affinity rule, its ability to function in relation to other rules is predetermined.
- C. When there is more than one VM-Host affinity rule in a vSphere DRS cluster, the rules are applied equally.
- D. When there is more than one VM-Host affinity rule in a vSphere DRS cluster, the rules will be ranked.

Answer: AC

Explanation: If you create more than one VM-Host affinity rule, the rules are not ranked, but are applied equally. Be aware that this has implications for how the rules interact. For example, a virtual machine that belongs to two DRS groups, each of which belongs to a different required rule, can run only on hosts that belong to both of the host DRS groups represented in the rules.

When you create a VM-Host affinity rule, its ability to function in relation to other rules is not checked. So it is possible for you to create a rule that contacts with the other rules you are using. When two VM-Host affinity rules conflict, the older one takes precedence and the newer rule is disabled. DRS only tries to satisfy enabled rules and disabled rules are ignored.

NEW QUESTION 302

An administrator is trying to remove a host from a vSphere Distributed Switch named DSwitch01. The following error message is displayed:
vDS DSwitch01 port 17 is still on host 192.168.100.23 connected to VM01 nic=4000 type=vmVnic

Which two actions can the administrator make before removing the host from the vSphere Distributed Switch? (Choose two.)

- A. Migrate VM01 to DSwitch01 port 1.
- B. Add an additional vNIC to VM01 to another vSphere Distributed Switch.
- C. Migrate VM01 to another host.
- D. Disconnect the VM01's vNIC.
- E. Place VM01 into Maintenance Mode.

Answer: CD

Explanation: Before removing the host from distributed switch, migrate VM01 to Dswitch01 Port1. Then disconnect VM01 NIC.

NEW QUESTION 305

The virtual machine log rotation size can be changed for all VMs by which two interfaces? (Choose two.)

- A. vSphere Web Client
- B. ESXi host client
- C. esxcli
- D. PowerCLI

Answer: AD

NEW QUESTION 308

An ESXi host has been placed into Quarantine Mode by Proactive HA. What will happen?

- A. Virtual machines will be migrated off the quarantines host if doing so will not violate any DRS affinity and anti-affinity rules or cause increased resource contention.
- B. Newly powered-on virtual machines may be placed on the quarantined host to balance cluster resources. Already powered-on virtual machines will be migrated off of the quarantined host if doing so will not violate any DRS affinity and anti-affinity rules or cause resource contention.
- C. All virtual machines will be migrated off the quarantined host to other hosts in the cluster without regard to DRS rules.
- D. vSphere HA will conduct a failover on all VMs residing on the quarantined host.

Answer: A

NEW QUESTION 310

A vSphere administrator manages a cluster which includes critical and non-critical virtual machines. The cluster requires different permissions for contractors and non-contractors.

How can the administrator exclude the contractor group from some of the critical VMs?

- A. Remove permission for contractors on the cluster leve
- B. Apply permission on the critical VMs for noncontractors.
- C. Apply permission for both contractors and non-contractors on the cluster leve
- D. Remove permission on the critical VMs for contractors.
- E. Apply permission for both contractors and non-contractors on the VM
- F. Remove permission on the critical VMs for contractors.
- G. Apply permission for both contractors and non-contractors on the cluster level.

Answer: B

Explanation: To exclude the contractor group simply apply permission for both contractors and non-contractors on the cluster level. After that, remove permissions on the critical VMs for contractors.

NEW QUESTION 312

How can an administrator exclude Encryption rights from a support engineer?

- A. Clone the role virtualmachinepower user , remove Cryptographic operations privileges.
- B. Clone the role No cryptography administrator and select privileges only for the support engineer.
- C. Clone the role virtual machine power user and assign to the support engineer.
- D. Clone the role Administrator and assign to the support engineer.

Answer: B

NEW QUESTION 314

Which additional vCenter Server feature must be configured for DRS to balance workloads?

- A. vSphere HA
- B. Resource Pools
- C. vMotion
- D. Proactive HA

Answer: C

NEW QUESTION 318

What advanced parameter defines a custom isolation IP address for a vSphere HA cluster?

- A. das.isolationaddress
- B. das.usedefaultisolationaddress
- C. das.isolationshutdowntimeout
- D. fdm.isolationpolicydelaysec

Answer: A

NEW QUESTION 322

The networking team has requested to have a dedicated network for iSCSI traffic. This task has been assigned to the vSphere Administrator. What is the VMware-recommended way to accomplish this?

- A. Create a custom IP Stack.
- B. Configure the right subnet.
- C. Configure Static Routes on each ESXi Server.
- D. Define a dedicated gateway for the iSCSI vmkernel.

Answer: C

NEW QUESTION 325

Two sibling resource pools named RP-CHILD-A and RP-CHILD-B have these configurations:

- RP-CHILD-A has an expandable reservation and memory shares set to '2000' with 10 VMs, each with 4GB of RAM
- RP-CHILD-B has an expandable reservation and memory shares set to '4000' with 30 VMs, each with 4GB of RAM

Which statement is true during times of memory contention?

- A. VMs in RP-CHILD-B will have the same number of shares as in RP-CHILD-A
- B. VMs in RP-CHILD-A will not use shares to allocate resources
- C. As long as no additional VMs are added to either resource pool, VMs in RP-CHILD-A will ALWAYS have more shares per VM than RP-CHILD-B
- D. As long as no additional VMs are added to either resource pool, VMs in RP-CHILD-B will ALWAYS have more shares per VM than RP-CHILD-A

Answer: C

NEW QUESTION 326

An administrator discovers that virtual machine migrations with encrypted vMotion have failed. Which action can resolve this issue?

- A. Use vSphere Update Manager to upgrade all hosts to ESXi 6.5
- B. Install a USB decryption dongle on all hosts in the cluster
- C. Disable Strict Lockdown mode
- D. Use esxcli to enable encrypted vMotion

Answer: A

NEW QUESTION 329

Which three source object types are available for subscription when creating a subscribed content library in vSphere 6.5? (Choose three.)

- A. CIFS repository
- B. vSphere 6 library
- C. HTTP server
- D. vCD 5.5 catalog

E. 3rd-party library

Answer: BDE

NEW QUESTION 330

By default, how often is the vCenter vpx user password automatically changed?

- A. 15 days
- B. 45 days
- C. 60 days
- D. 30 days

Answer: D

Explanation: vCenter Server creates the vpxuser account on each ESX/ESXi host that it manages. The password for each vpxuser account is auto-generated when an ESX/ESXi host is added. The password is updated by default every 30 days.

NEW QUESTION 331

On a cluster of ESXi 6.5 hosts, a small number of virtual machines have much larger resource requirements than others. Some hosts have a large number of virtual machines while others have very few.

The administrator enables DRS with DRS VM distribution to evenly balance the number of virtual machines on each host.

Which will be the outcome?

- A. Virtual machines will be moved without regard to resource contention in the cluster, and the virtual machine distribution will become evenly balanced.
- B. Virtual machines will not change hosts unless they are power-cycled or vMotioned manually.
- C. Virtual machines will not be moved if it results in severe resource contention in the cluster, and the virtual machine distribution will remain unbalanced.
- D. DRS VM distribution will not evenly balance the number of virtual machines on each host unless anti-affinity rules are applied.

Answer: A

NEW QUESTION 335

An administrator is reviewing a virtual machine's storage performance on an ESXi 6.5 host and noticed that it is affecting shared data storage activity on another host.

Which should be enabled in order to mitigate the issue?

- A. Network I/O Control
- B. Storage I/O Control
- C. Storage DRS
- D. vSphere HA

Answer: B

NEW QUESTION 339

An administrator must change the statistics level for short-term performance monitoring and wants to collect metrics for all counters, excluding minimum and maximum rollup values.

What would be the statistics level?

- A. Level 1
- B. Level 4
- C. Level 2
- D. Level 3

Answer: D

NEW QUESTION 341

When moving a virtual machine's virtual disks from Datastore Cluster A to Datastore Cluster B, which two options should be considered? (Choose two.)

- A. Any Inter-VM or Intra-VM Anti-Affinity rules that existed for the virtual disks in Datastore Cluster A will not be carried over into the new Datastore Cluster.
- B. The virtual machine's virtual disks will be placed by default onto the same datastore within Datastore Cluster B.
- C. If the virtual machine's virtual disks have anti-affinity rules in Datastore Cluster A, they must be deleted before the virtual disks can be moved into Datastore Cluster B.
- D. The virtual machine needs to be powered off before moving its virtual disks from Datastore Cluster A to Datastore Cluster B.
- E. Any Inter-VM or Intra-VM Anti-Affinity rules that existed for the virtual disks in Datastore Cluster A will stay with the virtual disks once they have moved to Datastore Cluster B.

Answer: AB

NEW QUESTION 344

Which two statements describe why a vSphere DRS cluster would report load imbalance? (Choose two.)

- A. DRS is configured for Partially Automated.
- B. The configured migration threshold is too low.
- C. The configured migration threshold is too high.
- D. Enhanced vMotion Compatibility (EVC) is enabled.

Answer:

AC

Explanation: <https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.troubleshooting.doc/GUID-0C132C85-E7BF-445E-925D-31420A06B01C.html>

NEW QUESTION 347

In network troubleshooting it is important to know what upstream switch the ESXi host is connected to. Which two features does ESXi provide to help identify the upstream switch? (Choose two.)

- A. DPM
- B. Promiscuous mode
- C. LLDP
- D. CDP

Answer: CD

NEW QUESTION 349

Which two statements about vCenter HA are correct? (Choose two.)

- A. ESXi 5.5 or later is required.
- B. vCenter HA network latency between nodes must be less than 50 ms
- C. NFS datastore is supported.
- D. It must be deployed on a 3 ESXi host cluster with DRS enabled.

Answer: AC

Explanation:

vCenter HA Requirements	
Component	Requirements
ESXi	<ul style="list-style-type: none">• ESXi 5.5 or later is required.• Three hosts are strongly recommended. Each vCenter HA node can then run on a different host for better protection.• Using VMware DRS to protect the set of hosts is recommended. In that case, a minimum of three ESXi hosts is required.
vCenter Server Appliance	<ul style="list-style-type: none">• vCenter Server 6.5 is required.• Deployment size Small (4 CPU and 16GB RAM) or bigger is required to meet the RTO. Do not use Tiny in production environments.• vCenter HA is supported and tested with VMFS, NFS, and vSAN datastores.

NEW QUESTION 352

Which three VMware-recommended best practices should an administrator follow before upgrading to vSphere 6.5? (Choose three.)

- A. Disconnect ESXi host from vCenter.
- B. VMware Tools are installed in the virtual machine.
- C. Ensure that the system hardware complies with ESXi requirements.
- D. Back up the host.
- E. Check the interoperability of any other software integrated with vSphere.

Answer: CDE

NEW QUESTION 354

What two enhancements are in VMFS6 but not in VMFS5? (Choose two.)

- A. Support for 4k native disks
- B. Support for 512e disks
- C. GPT storage device partitioning
- D. Automatic space reclamation

Answer: BD

Explanation: http://virtualization24x7.blogspot.com/2018/01/vmfs5-vs-vmfs6.html?utm_source=feedburner

&utm_medium=feed&utm_campaign=Feed%3A+Virtualization24x7+%28Virtualization24x7%29

NEW QUESTION 359

A vCenter Server virtual machine runs on ESXi host "Alpha 1." That host network is configured with vSphere Standard Switch and an administrator wants to migrate the host to a vSphere Distributed Switch.

The host has only one physical NIC, and the migration fails.

Which parameter should be changed in vCenter to accomplish the migration?

- A. Set the ESXi Host Advanced Setting config.vpxd.network.rollback to FALSE.
- B. Set the vCenter Server Advanced Setting config.vpxd.network.rollback to TRUE.
- C. Set the ESXi Host Advanced Setting config.vpxd.network.rollback to TRUE.
- D. Set the vCenter Server Advanced Setting config.vpxd.network.rollback to FALSE.

Answer: D

NEW QUESTION 362

What are three benefits of using a few large-capacity LUNs instead of many small-capacity LUNs? (Choose three.)

- A. More flexibility to create virtual machines without adding new LUNs.
- B. More flexibility for resizing virtual disks.
- C. Less wasted storage space.
- D. Better performance because there is less contention for a single volume.
- E. Fewer VMFS datastores to manage.

Answer: ABE

Explanation: You might want fewer, larger LUNs for the following reasons:

NEW QUESTION 367

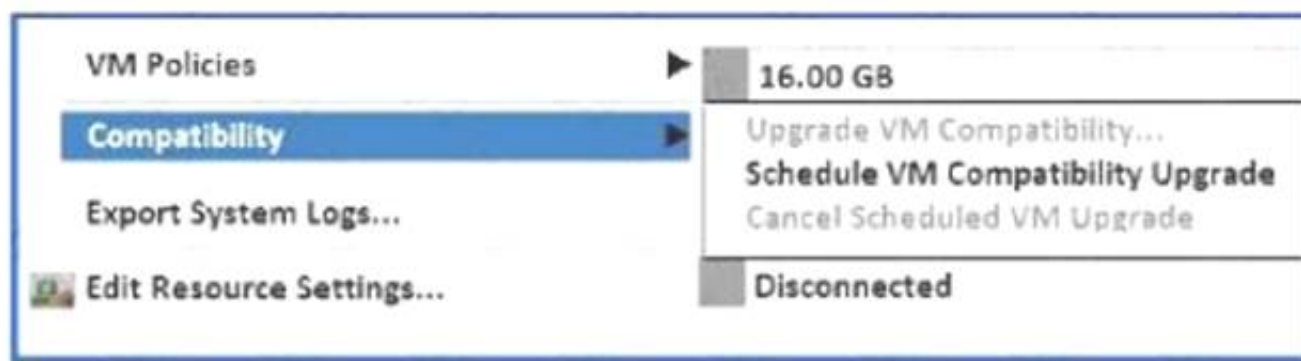
Which do Protocol Endpoints refer to?

- A. a VASA provider
- B. a pool of raw storage capacity that spans different physical arrays
- C. a Virtual Volumes datastore
- D. a logical I/O proxy of the physical storage fabric

Answer: D

NEW QUESTION 372

After upgrading the vSphere infrastructure and VMware Tools to version 6.5, the "Upgrade VM Compatibility" option is grayed out in the vSphere Web Client. (See Exhibit.)



What must the administrator do to enable the VM compatibility upgrade?

- A. VMware Tools should be upgraded last.
- B. Restart the ESXi server.
- C. Uninstall VMware Tools.
- D. Power off the virtual machine.

Answer: D

NEW QUESTION 374

What two migration paths are supported for Windows vCenter Servers? (Choose two.)

- A. vCenter Server 5.5 with an embedded vCenter Single Sign-On instance on Windows > vCenter Server Appliance 6.5 with an embedded Platform Services Controller appliance.
- B. vCenter Server 6.0 instance on Windows > vCenter Server Appliance 6.5 with an embedded Platform Services Controller appliance
- C. vCenter Server 6.0 instance on Windows > vCenter Server Appliance 6.5 with an external Platform Services Controller appliance
- D. vCenter Server 5.5 instance on Windows > vCenter Server Appliance 6.5 with an embedded Platform Services Controller appliance

Answer: AB

NEW QUESTION 377

An administrator procured a new server on which to install ESXi 6.5. The server is equipped with local Serial Attached SCSI (SAS) disks with 512e format

(512bytes sector emulation).

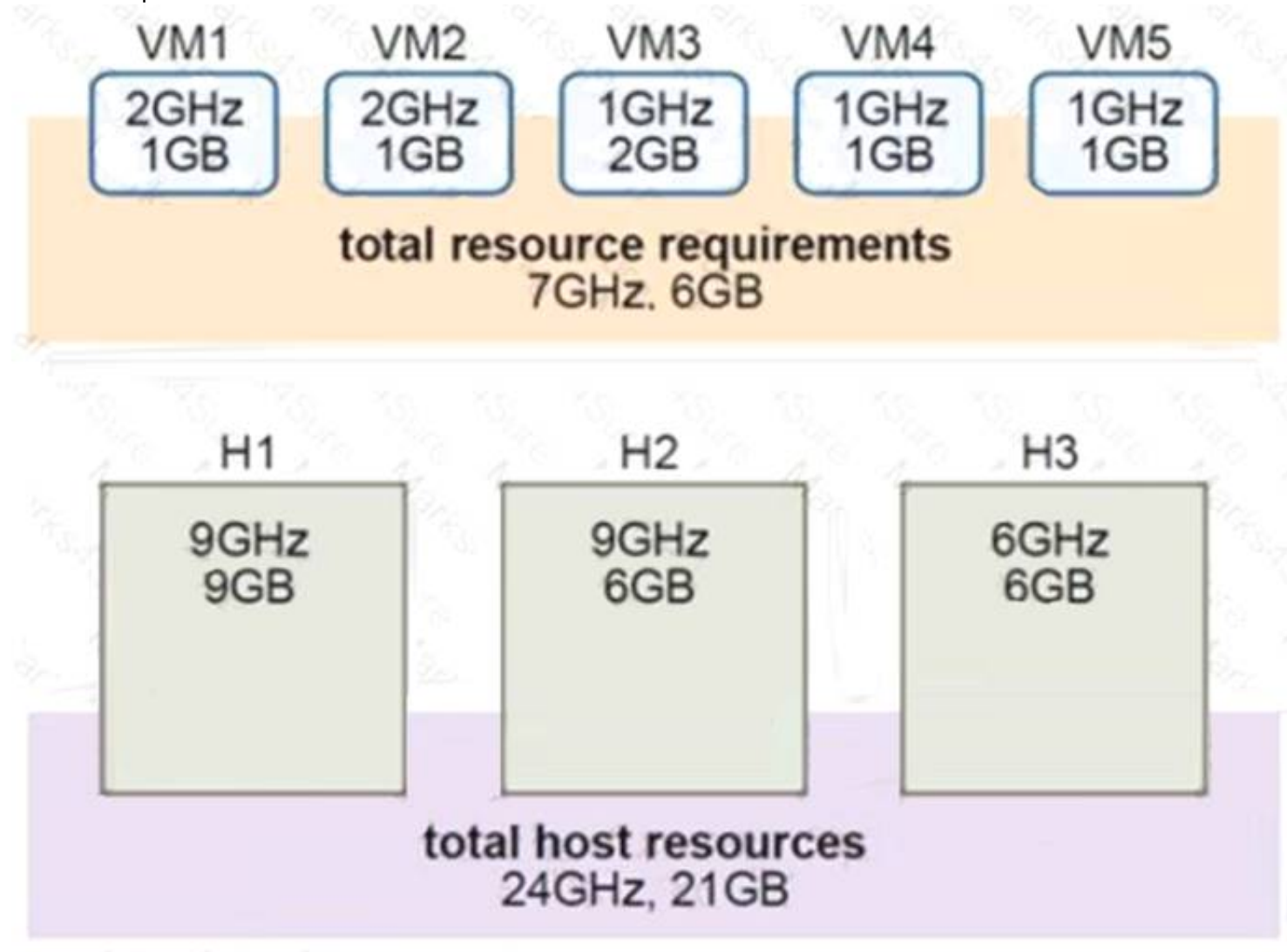
Which file system does VMware support on this type of disk?

- A. VMFS6 (default) and VMFS5
- B. VMFS5
- C. 512e format is not supported
- D. VMFS6

Answer: A

NEW QUESTION 380

An administrator sets the Failover Capacity for both CPU and Memory at 25%. Based on the Exhibit below, how much of the cluster's total CPU resources are still available to power on additional virtual machines?



- A. 45%
- B. 60%
- C. 70%
- D. 25%

Answer: A

Explanation: The way that Current Failover Capacity is calculated and used with this admission control policy is shown with an example. Make the following assumptions about a cluster: The cluster is comprised of three hosts, each with a different amount of available CPU and memory resources. The first host (H1) has 9GHz of available CPU resources and 9GB of available memory, while Host 2 (H2) has 9GHz and 6GB and Host 3 (H3) has 6GHz and 6GB. There are five powered-on virtual machines in the cluster with differing CPU and memory requirements. VM1 needs 2GHz of CPU resources and 1GB of memory, while VM2 needs 2GHz and 1GB, VM3 needs 1GHz and 2GB, VM4 needs 1GHz and 1GB, and VM5 needs 1GHz and 1GB. The Configured Failover Capacity is set to 25%. Admission Control Example with Percentage of Cluster Resources Reserved Policy

The total resource requirements for the powered-on virtual machines is 7GHz and 6GB. The total host resources available for virtual machines is 24GHz and 21GB. Based on this, the Current CPU Failover Capacity is 70% $((24\text{GHz} - 7\text{GHz})/24\text{GHz})$. Similarly, the Current Memory Failover Capacity is 71% $((21\text{GB} - 6\text{GB})/21\text{GB})$. Because the cluster's Configured Failover Capacity is set to 25%, 45% of the cluster's total CPU resources and 46% of the cluster's memory resources are still available to power on additional virtual machines.

NEW QUESTION 383

Group A has permission to download files in Content Library.

Group B does not have permission to download files in Content Library. If a user is a member of both groups, what will be the result?

- A. The user can access Content Library.
- B. The user cannot download file from Content Library.
- C. The user cannot access Content Library-
- D. The user can download file from Content Library.

Answer: B

Explanation: Permission inheritance (not in any order):* Permissions are additive if not in conflict so user gets permissions from both groups.* Permissions at lower level in hierarchy has precedence.* Permissions on user has precedence over Group* Deny permissions has precedence over Allow.

https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.bsa.doc_40/vc_admin_g

NEW QUESTION 388

What new feature is introduced in NFS 4.1 on ESXi 6.5?

- A. Storage DRS
- B. KRB5i
- C. IPv6
- D. AUTH_SYS

Answer: C

NEW QUESTION 392

Which two tasks should a vSphere administrator perform if the vmtoolsd log reports VMFS metadata errors? (Choose two.)

- A. reformat the datastore
- B. ignore the messages
- C. contact VMware technical support
- D. check the device with VOMA

Answer: CD

Explanation: [**Problem**You might need to check metadata consistency of a file system or a logical volume backing the file system when you experience problems with various functionalities on a VMFS datastore or a virtual flash resource. For example you might want to perform a metadata check if one of the following occurs:](https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.troubleshooting.doc/GUID-6F991DB5-VOMA = vSphere On-disk Metadata Analyser (identify and fix incidents of metadata corruption that affect file systems or underlying logical volumes)</p></div><div data-bbox=)

You experience storage outages.

After you rebuild RAID or perform a disk replacement. You see metadata errors in the vmkernel.log file.

You are unable to access files on a VMFS.

You see corruption being reported for a datastore in events tabs of vCenter Server.

ResultsTo check metadata consistency, run VOMA from the CLI of an ESXi host. VOMA can be used to check and fix metadata inconsistency issues for a VMFS datastore or a virtual flash resource. To resolve errors reported by VOMA, consult VMware Support.

NEW QUESTION 396

When using VMware Converter to import a Windows server and improve the consistency of the destination virtual machine, which optional step can be performed immediately prior to powering down the source server?

- A. Uninstall production applications.
- B. Perform a final synchronization task.
- C. Remove the server from the Active Directory domain.
- D. Remove the server from the network.

Answer: B

NEW QUESTION 399

When will vSphere Data Protection delete the expired backup image of a Platform Service Controller?

- A. After the expired backup image is restored.
- B. During the next backup window following expiry.
- C. During the next maintenance window following expiry.
- D. Immediately after the retention period has expired.

Answer: D

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.0/vmware-data-protection-administration-guide-60.pdf> 'During maintenance periods, VDP examines the backups in the appliance and evaluates whether the backup retention period has expired. If it has expired, VDP removes the expired backup from the appliance.'

NEW QUESTION 401

An administrator is trying to set up Host Partial Failure Response, but the Automated option is grayed out. What can the administrator change to enable the Automated option?

- A. Change the vSphere DRS Automation level to Partially Automated.
- B. Change the vSphere DRS Automation level to Fully Automated.
- C. Enable vSphere HA Host Monitoring.
- D. Change the vSphere DPM Automation level to Automatic.

Answer: C

NEW QUESTION 404

What are two requirements in order to restore a Resource Pool Tree from a snapshot? (Choose two.)

- A. A restore can only be performed on the same cluster the snapshot was taken from.
- B. vSphere DRS must be turned on.
- C. vSphere DRS must be turned off.
- D. A restore can only be performed on a vSphere DRS cluster within the original vCenter Server.

Answer: AD

NEW QUESTION 408

What VM Monitoring setting would ensure that the maximum reset window for a virtual machine is 24 hours?

- A. Normal
- B. Low
- C. High
- D. Medium

Answer: D

Explanation: <https://blogs.vmware.com/vsphere/2014/03/vsphere-ha-vm-monitoring-back-basics.html>

NEW QUESTION 409

Restoration of the vCenter Server Appliance is accomplished using which interface?

- A. vSphere Client
- B. vCenter Server ApplianceGUI Installer
- C. vSphere Web Client
- D. vCenter Server ApplianceManagement Interface

Answer: D

NEW QUESTION 413

Which three operations can cause VMFS metadata updates? (Choose three.)

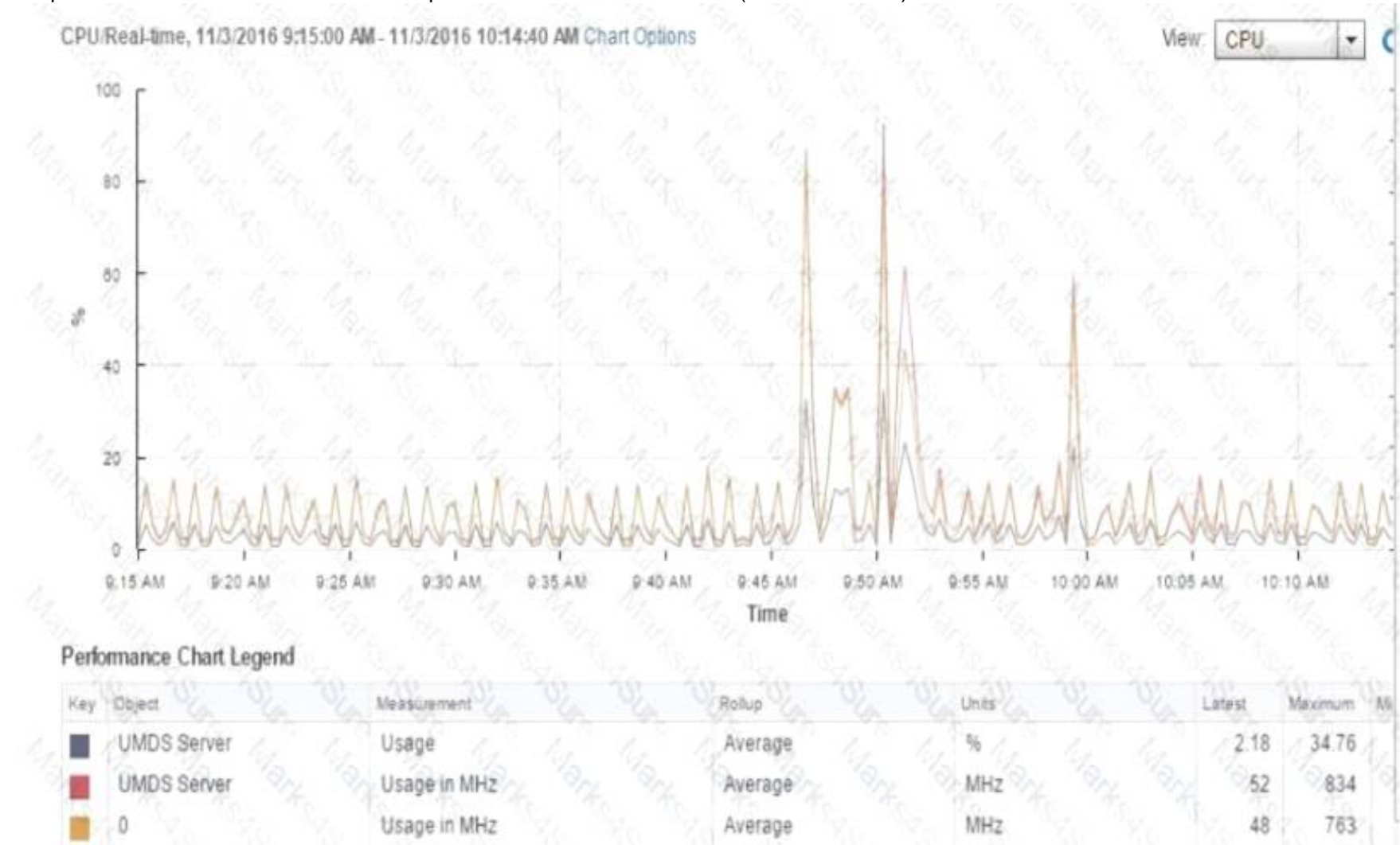
- A. Restarting a VM using the guest OS.
- B. Launching a VM console.
- C. Migrating a VM with vMotion.
- D. Powering a VM on or off.
- E. Expanding a VMFS datastore.

Answer: CDE

Explanation: Metadata is updated each time you perform datastore or virtual machine management operations. Examples of operations requiring metadata updates include the following:
Creating, growing, or locking a virtual machine file
Changing a file's attributes
Powering a virtual machine on or off
Creating or deleting a VMFS datastore
Expanding a VMFS datastore
Creating a template
Deploying a virtual machine from a template
Migrating a virtual machine with vMotion
Reference:
https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc_50%2FGUID-7A351E26A4761AA.html

NEW QUESTION 414

A vSphere administrator observes a CPU spike on one of the web servers (view the Exhibit).



Which two statements can describe the cause of this activity? (Choose two.)

- A. The network packet size is too large.
- B. Disk latency is present on the datastore.
- C. VMware Tools is not installed.
- D. The network packet size is too small.

Answer: BD

Explanation: Network packet size is too small, which increases the demand for the CPU resources needed for processing each packet. <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-C4EA86>

Found this re disk latency: <https://communities.vmware.com/thread/557063>

The below also discusses Disk Performance issues and mentioned CPU usage: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-E813116>

NEW QUESTION 418

Which two statements are true for a vCenterServer user account that is used for vSphere Data Protection (VDP)' (Choose two.)

- A. The password for the user account cannot contain spaces.
- B. The user account should be created in the Single Sign-On domain.
- C. The user account must be assigned with Administrator role.
- D. The user account cannot inherit required permissions from a group role.

Answer: AC

Explanation: For the vCenter server account used for vSphere data protection, the user account must have administrator role and the password for the user account should not contain spaces. <https://docs.vmware.com/en/VMware-vSphere/6.5/vmware-data-protection-administration-guide-61.pdf>

NEW QUESTION 422

Which three statements are correct regarding booting an ESXi Host from Fibre Channel SAN? (Choose three.)

- A. Direct connect topology is supported.
- B. Multipathing to a boot LUN on an active-passive array is supported.
- C. ESXi hosts do not require local storage.
- D. Each host must have its own boot LUN.
- E. Hosts can share one common boot LUN.

Answer: ACD

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-8FAD881D-7A00-43C9-AB69-66DC7816968C.html>

When you use boot from SAN with multiple ESXi hosts, each host must have its own boot LUN. If you configure multiple hosts to share the same boot LUN, ESXi image corruption is likely to occur. Multipathing to a boot LUN on active-passive arrays is not supported because the BIOS does not support multipathing and is unable to activate a standby path.

The correct answers are:- ABCD. Direct connect topology is supported. Each host must have its own boot LUN.

ESXi hosts do not require local storage.

NEW QUESTION 426

A security officer has issued a new directive that users will no longer have access to change connected network adapters to limit denial of service on a virtual machine.

Which two correct virtual machine advanced configuration parameters will accomplish this? (Choose two.)

- A. isolation.device.connectable.disable = "TRUE"
- B. isolation.device.edit.disable = "FALSE"
- C. isolation.device.connectable.disable = "FALSE"
- D. isolation.device.edit.disable = "TRUE"

Answer: AD

Explanation: Prevent a Virtual Machine User or Process from Disconnecting Devices in the vSphere Web Client. Users and processes without root or administrator privileges within virtual machines have the capability to connect or disconnect devices, such as network adapters and CD-ROM drives, as well as the ability to modify device settings. To increase virtual machine security, remove these devices. If you do not want to permanently remove a device, you can prevent a virtual machine user or process from connecting or disconnecting the device from within the guest operating system.

Value: isolation.device.connectable.disable=true

isolation.device.edit.disable=true

NEW QUESTION 431

An administrator has a large boot from SAN cluster and wants to ensure consistent configuration by using host profiles. What special considerations are required for boot from SAN hosts?

- A. Host profiles are incompatible with boot from SAN hosts.
- B. Change the "Device is shared clusterwide" setting to "false" in the host profile.
- C. Verify that the boot LUN is correctly identified as the boot device in the host profile.
- D. The boot from SAN device must report as a local device.

Answer: C

NEW QUESTION 433

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