

Exam Questions 2V0-622

VMware Certified Professional 6.5 - Data Center Virtualization

<https://www.2passeasy.com/dumps/2V0-622/>



NEW QUESTION 1

- (Exam Topic 1)

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 2

- (Exam Topic 1)

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 3

- (Exam Topic 1)

An administrator wants to upgrade ESXi 5.5 hosts to ESXi 6.5 using Update Manager. When performing a scan for baseline compliance, the host's status is marked Compliant. Which has happened?

- A. Host must be version 6.0 in order to upgrade to 6.5.
- B. Host has some third-party software installed.
- C. Host has no upgrade baseline attached.
- D. Host hardware is not supported for upgrade.

Answer: C

Explanation:

<http://vmiss.net/2016/12/20/upgrading-esxi-using-vsphere-update-manager-6-5-on-the-vcenter-server-appliance/>

NEW QUESTION 4

- (Exam Topic 1)

The administrator set Local OS as the default identity source of vCenter Single Sign-On. A user named “user1” belongs to domain “mydomain” and tries to log in to vCenter Single Sign-On.

Which two user names are appropriate to use for login? (Choose two.)

- A. user1\mydomain
- B. mydomain@user1
- C. mydomain\user1
- D. user1@vsphere.local
- E. user1@mydomain

Answer: CE

NEW QUESTION 5

- (Exam Topic 1)

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 6

- (Exam Topic 1)

An administrator has enabled vSphere Distributed Switch Health Check. The hosts connected to that Distributed Switch all display an alert:

vSphere Distributed Switch MTU supported status

The administrator has all of the VMkernel ports MTU sizes set to 1600. Which action will remedy this problem?

- A. Configure the Distributed Switch to MTU 9100.
- B. Disconnect and reconnect the physical network cable.
- C. Configure the physical switch to MTU 1600.
- D. Disable the Distributed Switch MTU.

Answer: C

NEW QUESTION 7

- (Exam Topic 1)

Which are two supported storage primitives for VAAI NAS? (Choose two.)

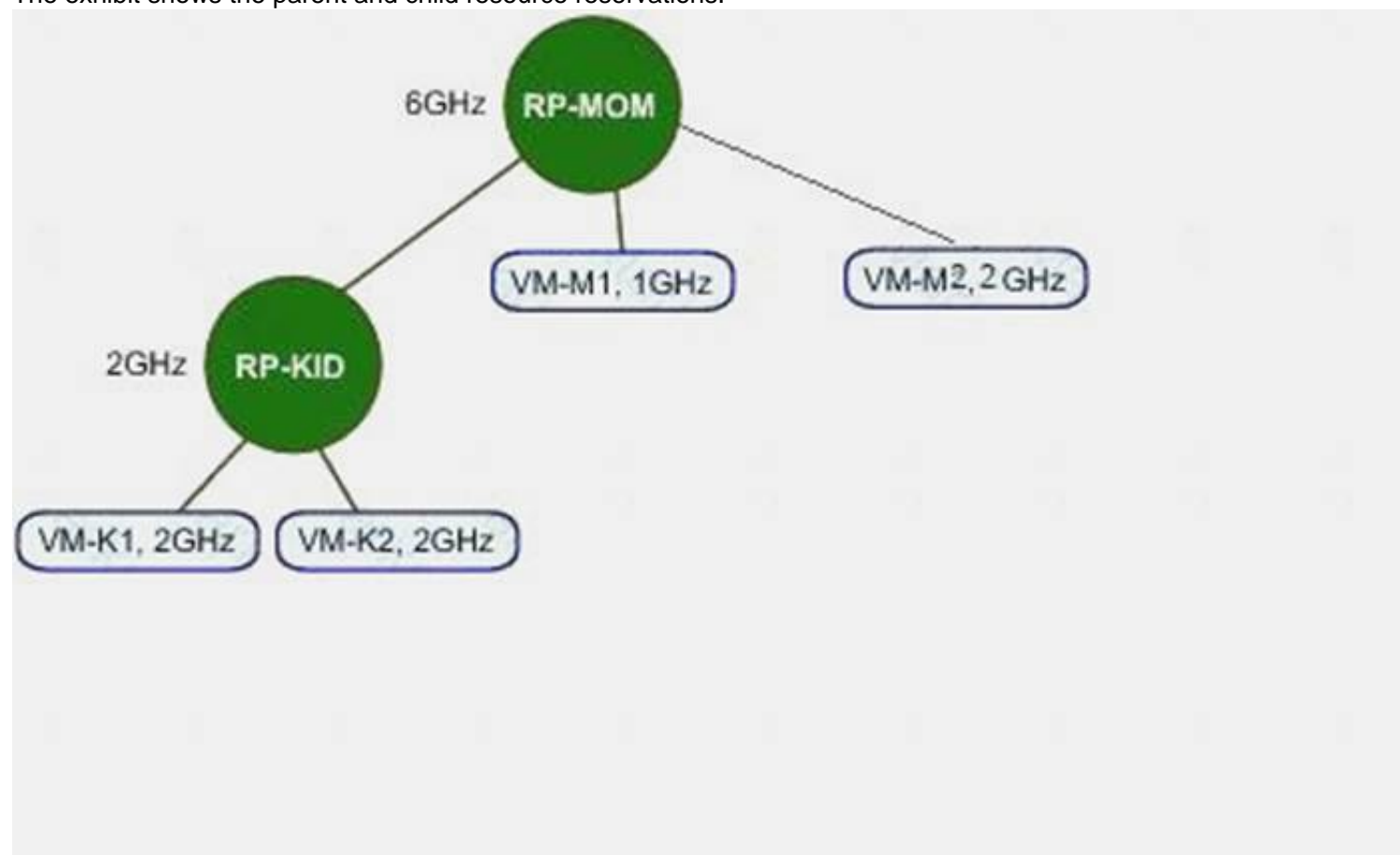
- A. block zeroing
- B. Reserve Space
- C. hardware assisted locking
- D. Full File Clone

Answer: AC

NEW QUESTION 8

- (Exam Topic 1)

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 9

- (Exam Topic 1)

Which is required by vCenter Converter Standalone to convert a physical Red Hat Enterprise Linux 7 machine to a virtual machine?

- A. The Linux machine must be powered off.
- B. The Linux machine must have the SSH daemon started.
- C. The Linux machine must use a static IP address.
- D. The Linux machine must have a fully-qualified domain name.

Answer: B

Explanation:

Ports used when converting a powered on machine running Linux

Table contains a list of the ports that must be open during the conversion of powered on source machines running Linux.

Ports required during Linux P2V

Communication Path	TCP Ports	Notes
Converter Standalone server to powered on source machine	22	Used to establish an SSH connection between the Converter Standalone server and the source machine.
Converter Standalone client to Converter Standalone server	443	Required only if the Converter Standalone server and client components are on different machines.
Converter Standalone server to vCenter server	443	Required only if the conversion destination is a vCenter Server.
Converter Standalone server to ESX/ESXi	443, 902	If the conversion destination is a vCenter Server, only port 902 is required.
Converter Standalone server to helper virtual machine	443	
Helper virtual machine to powered on source machine	22	Used to establish an SSH connection between the helper virtual machine and the source machine. By default, the IP address of the helper virtual machine is assigned by DHCP. If no DHCP server is available on the destination network, you must manually assign the helper virtual machine an IP address.

NEW QUESTION 10

- (Exam Topic 1)

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 10

- (Exam Topic 1)

Which feature of vSphere networking protects hosts from losing connection to vCenter Server as a result of misconfiguration of the management network?

- A. NIC Teaming
- B. Private VLAN
- C. Rollback
- D. Health Check

Answer: C

Explanation:

By rolling configuration changes back, vSphere protects hosts from losing connection to vCenter Server as a result from misconfiguration of the management network.

NEW QUESTION 15

- (Exam Topic 1)

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 20

- (Exam Topic 1)

Which two components are necessary for the first boot of a host using Auto Deploy? (Choose two.)

- A. Host Profiles
- B. Bulk licensing
- C. vSphere Authentication Proxy
- D. TFTP
- E. DHCP

Answer: DE

NEW QUESTION 22

- (Exam Topic 1)

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 27

- (Exam Topic 1)

Which is the maximum number of block devices (LUNs) that are supported by ESXi hosts that are running version 6.5?

- A. 1024
- B. 512
- C. 2048
- D. 256

Answer: B

NEW QUESTION 28

- (Exam Topic 1)

VCSA backup can be backed up and sent to different location via several different protocols. Which are three of the supported protocols? (Choose three.)

- A. CIFS
- B. SCP
- C. HTTP
- D. FTPS
- E. AFP

Answer: BCD

NEW QUESTION 31

- (Exam Topic 1)

Which two statements are true for Predictive DRS? (Choose two.)

- A. It balances resource utilization for virtual machines with unpredictable utilization patterns.
- B. It integrates DRS with vRealize Operations Manager to balance workloads for virtual machines before resource utilization spikes occur.
- C. It balances resource utilization based on a threshold's algorithm that runs each night.
- D. It determines the best placement and balance of virtual machines based on a threshold's algorithm that runs each night in vCenter Server 6.5 Database.

Answer: BC

Explanation:

Predictive DRS

Predictive DRS is a new feature that leverages the predictive analytics of vRealize Operations Manager with the powerful resource scheduler algorithm of vSphere DRS. Together, these two products enable workload balancing for certain VMs before resource utilization spikes occur, potentially eliminating a great amount of resource contention that might have occurred in the past. vRealize Operations Manager runs its dynamic thresholds algorithm nightly against the VMs on which it collects data. These dynamic thresholds create forecasted metrics for the future utilization of the VMs. The metrics are then passed to vSphere DRS to determine the best placement and balance of VMs before resource utilization spikes occur. Predictive DRS helps prevent resource contention on hosts that run VMs with predictable utilization patterns.

NEW QUESTION 33

- (Exam Topic 1)

An administrator wants to restore the vCenter Server Appliance 6.5 from backup. Where can this be accomplished?

- A. from the ESXi Host Client
- B. from the VMware vSphere Appliance Management Interface
- C. from within the VMware vSphere Web Client
- D. from the vCenter Server Appliance Installer

Answer: D

NEW QUESTION 37

- (Exam Topic 1)

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 41

- (Exam Topic 1)

Which is the minimum number of hosts required for a VMware vSAN cluster to be able to apply a vSAN RAID5 storage policy?

- A. six hosts
- B. three hosts
- C. four hosts
- D. five hosts

Answer: C

NEW QUESTION 42

- (Exam Topic 1)

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 47

- (Exam Topic 1)

An administrator wishes to enable network port mirroring based on source port. Which feature should be enabled?

- A. vSphere standard switch port
- B. ERSPAN
- C. NSX Virtual Wire
- D. VLAN

Answer: B

Explanation:

Support for ERSPAN

ERSPAN mirrors traffic on one or more “source” ports and delivers the mirrored traffic to one or more “destination” ports on another switch. vSphere 6.5 includes support for the ERSPAN protocol.

NEW QUESTION 48

- (Exam Topic 1)

Which is the minimum vSphere Distributed Switch version needed to support Network Health Check?

- A. 6.5
- B. 5.1
- C. 4.1
- D. 5.5

Answer: B

NEW QUESTION 53

- (Exam Topic 1)

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 58

- (Exam Topic 1)

Which is the correct order for upgrading vSphere components?

- A. vCenter Server, ESXi hosts, VMware Tools, Virtual Machine hardware
- B. VMware Tools, Virtual Machine hardware, ESXi hosts, vCenter Server
- C. vCenter Server, Virtual Machine hardware, VMware tools, ESXi hosts
- D. ESXi hosts, vCenter Server, Virtual Machine hardware, VMware Tools

Answer: A

Explanation:

Correct order is:

- 1 Back up your configuration
- 2 Upgrade vCenter Server
- 3 Upgrade ESXi hosts
- 4 Upgrade virtual machines and virtual appliances

NEW QUESTION 60

- (Exam Topic 1)

Which are two correct descriptions of consumed memory and active memory? (Choose two.)

- A. Consumed memory metric is the amount of memory that the virtual machine has recently used.
- B. Active memory is the exact amount of memory that is currently in use by the virtual machine, plus a 25% buffer (default setting).
- C. Consumed memory metric is the maximum amount of memory used by the VM at any point in its lifetime.
- D. Active memory is an estimation of the amount of memory that is currently used by the virtual machine, plus a 25% buffer (default setting).

Answer: CD

NEW QUESTION 61

- (Exam Topic 1)

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 65

- (Exam Topic 1)

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 68

- (Exam Topic 2)

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 71

- (Exam Topic 2)

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 75

- (Exam Topic 2)

When using DPM in a vSphere HA cluster with Admission Control enabled, which two statements are true? (Choose two.)

- A. DPM cannot be enabled on a cluster with HA Admission control enabled.
- B. If necessary, DPM powers on hosts from standby mode to maintain failover needs.
- C. EVC must be enabled on the cluster before DPM can be enabled.
- D. DPM and HA do not interact with each other
- E. There will be no change in behavior when DPM is enabled on a cluster using HA.
- F. DPM does not place hosts in standby mode if doing so would violate failover requirements.

Answer: BE

NEW QUESTION 78

- (Exam Topic 2)

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 83

- (Exam Topic 2)

How can a vSphere administrator ensure that a set of virtual machines run on different hosts in a DRS cluster?

- A. Add the VMs to a vApp.
- B. Use a VM-Host affinity rule.
- C. Place the VMs in different folders.
- D. Use a VM-VM affinity rule.

Answer: D

NEW QUESTION 86

- (Exam Topic 2)

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 89

- (Exam Topic 2)

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 90

- (Exam Topic 2)

What two services run on all nodes in a vCenter Server HA cluster? (Choose two.)

- A. vmware-vmon
- B. vmware-vpostgres
- C. vmare-rbd-watchdog
- D. vmware-vcha

Answer: AD

NEW QUESTION 91

- (Exam Topic 2)

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 92

- (Exam Topic 2)

What are limits of vCenter Libraries in vSphere 6.5?

- A. Total items 2000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 16
- B. Total items 4000, Biggest item size 512TB, total libraries per VC 2000, total items per library 2000 and max number of syncs 24
- C. Total items 1000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 16
- D. Total items 2000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 32

Answer: A

NEW QUESTION 94

- (Exam Topic 2)

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 96

- (Exam Topic 2)

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 vie
- 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 LU
- 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 97

- (Exam Topic 2)

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 101

- (Exam Topic 2)

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 105

- (Exam Topic 2)

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 110

- (Exam Topic 2)

Virtual machines that are known to run read-intensive applications have begun to underperform. Which action can improve performance?

- A. Enable vFlash Read Cache.
- B. Migrate virtual machines to a VMFS6 datastore.
- C. Ensure that DRS is in manual mode.
- D. Disable virtual machine encryption.

Answer: A

NEW QUESTION 111

- (Exam Topic 2)

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 112

- (Exam Topic 2)

When attempting to migrate a virtual machine to another host in the same cluster, the error message, "Select a valid compute resource" returns. What could cause this error?

- A. VMware Tools is not installed.
- B. Both hosts are not sharing the same datastore.
- C. Virtual machine has an ISO attached.
- D. Both hosts run different versions of ESXi.

Answer: B

NEW QUESTION 116

- (Exam Topic 2)

Which two components are part of storage I/O multipathing on ESXi? (Choose two.)

- A. VASA
- B. PSP
- C. VAAO
- D. SATP

Answer: BD

NEW QUESTION 120

- (Exam Topic 2)

What are three benefits of storage hardware acceleration? (Choose three.)

- A. faster VMFS metadata operations
- B. faster Storage vMotion
- C. faster virtual disk provisioning
- D. improved bandwidth

Answer: ABC

NEW QUESTION 125

- (Exam Topic 2)

Which two parameters must be configured for Windows in-guest disk mirroring? (Choose two.)

- A. scsi#.returnNoConnectDuringAPD = "FALSE"
- B. scsi#.returnNoConnectDuringAPD = "TRUE"
- C. scsi#.terminateVMonPDL = "TRUE"
- D. scsi#.returnBusyOnNoConnectStatus = "FALSE"

Answer: BD

NEW QUESTION 126

- (Exam Topic 2)

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 128

- (Exam Topic 2)

A Telco customer is implementing NFV using vSphere as the virtualization platform. Which feature can help achieve a high packet rate with lower CPU consumption?

- A. SplitRX
- B. Network I/O Control
- C. ERSPAN
- D. LACP

Answer: A

Explanation:

SplitRx Mode

SplitRx mode uses multiple physical CPUs to process network packets received in a single network queue. This feature can significantly improve network performance for certain workloads. These workloads include:

Multiple virtual machines on one ESXi host all receiving multicast traffic from the same source. (SplitRx mode will typically improve throughput and CPU efficiency for these workloads.)

Traffic via the vNetwork Appliance (DVFilter) API between two virtual machines on the same ESXi host. (SplitRx mode will typically improve throughput and maximum packet rates for these workloads.)

In vSphere 5.1 and later this feature is automatically enabled for a VMXNET3 virtual network adapter (The only adapter type on which it is supported) when ESXi detects that a single network queue on a physical NIC is both (a) heavily utilized and (b) getting more than 10,000 broadcast/multicast packets per second.

NEW QUESTION 133

- (Exam Topic 2)

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 137

- (Exam Topic 2)

A vSphere administrator is unable to power on a VM in a vSphere HA-enabled cluster. Which vSphere HA feature could cause this?

- A. Datastore Heartbeats are not received.
- B. Admission Control is enabled.
- C. VM Restart Priority is disabled.
- D. VM Monitoring is disabled.

Answer: C

NEW QUESTION 138

- (Exam Topic 2)

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 143

- (Exam Topic 2)

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 146

- (Exam Topic 2)

In vCenter Server 6.5, Host Customizations within Host Profiles be exported as which two formats? (Choose two.)

- A. .xlsx
- B. .csv
- C. .ova
- D. .xls
- E. .vpf

Answer: BE

NEW QUESTION 149

- (Exam Topic 2)

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

backupretention period has expired. If ithas expired, VDP removes the expired backup from the appliance.'

NEW QUESTION 153

- (Exam Topic 2)

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 157

- (Exam Topic 2)

A vSphere Administrator must ensure that a user is able to view and manage the system configuration in vSphere Web Client.

In the vCenter Single Sign-On domain, which group should the user be a part of?

- A. SystemConfiguration.BashShellAdministrators
- B. ComponentManage
- C. Administrators
- D. Administrators
- E. SystemConfiguration.Administrators

Answer: D

Explanation:

SystemConfiguration.Administrators

Members of the SystemConfiguration.Administrators group can view and manage the system configuration in the vSphere Web Client. These users can view, start and restart services, troubleshoot services, see the available nodes and manage those nodes.

NEW QUESTION 159

- (Exam Topic 2)

Which port is used for communication between ESXi and vSphere Data protection?

- A. 80
- B. 22
- C. 443
- D. 902

Answer: D

NEW QUESTION 161

- (Exam Topic 2)

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 162

- (Exam Topic 2)

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.

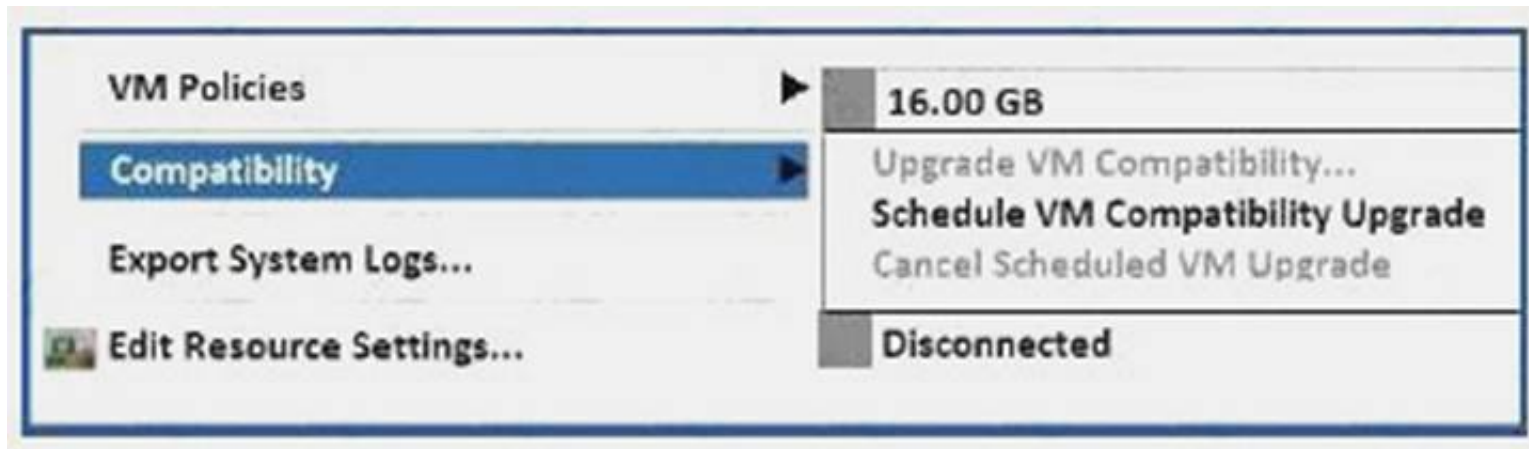
You need VirtualMachine.Config.Settings privileges to enable or disable UEFI secure boot for the virtual machine.

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.security.doc/GUID-898217D4-689D-4>

NEW QUESTION 163

- (Exam Topic 2)

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 164

- (Exam Topic 2)

Which two configurable options are available in Boot Options for a virtual machine? (Choose two.)

- A. Force BIOS setup
- B. Tools Upgrades
- C. Firmware
- D. Encryption

Answer: AC

NEW QUESTION 168

- (Exam Topic 2)

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 171

- (Exam Topic 2)

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 175

- (Exam Topic 2)

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 176

- (Exam Topic 2)

Which storage feature always requires the use of third-party software on ESXi?

- A. Hardware Acceleration for NAS devices
- B. VVOL
- C. Hardware Acceleration for Block Devices
- D. VM Storage Policies

Answer: A

Explanation:

With NAS storage devices, the hardware acceleration integration is implemented through vendor-specific NAS plug-ins. These plug-ins are typically created by vendors and are distributed as VIB packages through a website. No claim rules are required for the NAS plug-ins to function. Several tools for installing and upgrading VIB packages are available. They include the esxcli commands and vSphere Update Manager.

NEW QUESTION 177

- (Exam Topic 2)

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 178

- (Exam Topic 2)

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 182

- (Exam Topic 2)

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-IP
- C. VMware NSX EDGE
- D. Citrix Netscaler
- E. Linux HA Proxy

Answer: BCD

NEW QUESTION 187

- (Exam Topic 2)

Which two storage technologies are supported for MSCS? (Choose two.)

- A. VAAI
- B. NFS
- C. iSCSI
- D. FC

Answer: CD

Explanation:

https://kb.vmware.com/s/article/2147661?other.KM_Utility.getArticleLanguage=1&r=1&other.KM_Utility.getA

NEW QUESTION 190

- (Exam Topic 2)

What is the minimum number of hosts that must contribute capacity to a non-ROBO single site VMware vSAN cluster?

- A. 2

- B. 64
- C. 1
- D. 3

Answer: D

Explanation:

For standard datacenter deployments, VSAN requires a minimum of three ESXi hosts (where each host has local storage and is contributing this storage to the VSAN datastore) to form a supported VSAN cluster

Essential Virtual SAN (VSAN): Administrator's Guide to VMware Virtual SAN (2nd Edition) (VMware Press Technology) page 14

NEW QUESTION 193

- (Exam Topic 2)

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:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.troubleshooting.doc/GUID-6F991DB5-VOMA.html> VOMA = vSphere On-disk Metadata Analyser (identify and fix incidents of metadata corruption that affect file systems or underlying logical volumes)

ProblemYou 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:

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 194

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