Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

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NEW QUESTION 1
Which TCP/IP stack can support management traffic, vSphere vMotion, IP storage and vSphere Fault Tolerance? (Choose the best answer.)

A. VXLAN TCP/IP stack
B. Provisioning TCP/IP stack
C. Default TCP/IP stack
D. vSphere vMotion TCP/IP stack

Answer: C

NEW QUESTION 2
An administrator is unable to manage certificates with the vSphere Client.
What is another supported option that can be used to manage certificates? (Choose the best answer.)

A. vCenter Server Management Interface
B. Command Line Interface
C. vRealize Operations Manager
D. Cloud Builder

Answer: B

NEW QUESTION 3
An administrator has been tasked with mitigating datastore capacity issues without datastore expansion. Which vSphere Storage vMotion migration option would achieve this mitigation? (Choose the best answer.)

A. Lazy-zeroed thick-provisioned
B. Thin-provisioned
C. Eager-zeroed thick-provisioned
D. Same as format source

Answer: B

NEW QUESTION 4
What is a pre-requisite for increasing datastore capacity? (Choose the best answer.)

A. The backing device for the datastore has enough free space.
B. The datastore is managed by Storage DRS (SDRS).
C. The datastore is 100% full.
D. There are NO powered-on virtual machines on the datastore.

Answer: A

NEW QUESTION 5
Which feature can an administrator use for site availability with minimal effort and a low recovery point objective (RPO)? (Choose the best answer.)

A. vSphere vMotion
B. vSphere High Availability
C. vSphere Replication
D. vSphere Fault Tolerance

Answer: C

NEW QUESTION 6
An administrator wants to implement virtual machine encryption.
Which component encrypts the virtual machine files? (Choose the best answer.)

A. Certificate
B. Data encryption key (DEK)
C. Key encryption key (KEK)
D. Key management server (KMS)

Answer: BC

NEW QUESTION 7
An administrator is running a variety of vSphere 6.5 cluster configurations and is tasked with upgrading to vSphere 7.0.
Which two conditions could cause potential conflicts or outages to the virtual machines (VMs)? (Choose two.)

A. The use of a Windows vCenter Server system
B. Datastores attached to the hosts based on VMFS3
C. The upgrade of a vSphere Distributed Switch with VMs attached
D. The upgrade of an external platform services controller
E. The use of third-party custom vSphere Installation Bundles (VIBs) installed on the ESXi hosts

Answer: CE

Explanation:
https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vmfs-5_upgrade_consideratio

NEW QUESTION 8
Which action is supported over a VMkernel vMotion TCP/IP stack? (Choose the best answer.)

A. Hot migrations
B. Fault tolerance protection
C. Virtual machine cloning
D. Snapshot creation

Answer: B

NEW QUESTION 9
An administrator is configuring ESXi host behavior before and during the remediation process. Which remediation setting is supported only on select hardware platforms? (Choose the best answer.)

A. VM migration
B. HA admission control
C. Maintenance mode failures
D. Quick Boot

Answer: D

NEW QUESTION 10
An administrator runs a two-node vSphere cluster, which contains two domain controller virtual machines (VMs). The administrator wants to ensure that VMs run on separate hosts without interfering with normal maintenance operations.
How should the administrator configure Distributed Resource Scheduler (DRS)? (Choose the best answer.)

A. Create a 'Must run Virtual Machines to Hosts' anti-affinity rule.
B. Create a 'Virtual Machines to Virtual Machines' anti-affinity rule.
C. Create a 'Virtual Machines to Virtual Machines' dependency rule.
D. Create a 'Should run Virtual Machines to Hosts' anti-affinity rule.

Answer: B

NEW QUESTION 10
Which feature can be used to specify data services for virtual disks, such as caching or replication? (Choose the best answer.)

A. Host profiles
B. Virtual machine storage policies
C. VM Customization Specification
D. Storage Distributed Resource Scheduler (DRS)

Answer: B

NEW QUESTION 14
Which two configuration tasks must be performed from the vCenter Server Management Interface? (Choose two.)

A. Add administrator accounts.
B. Add an Network Time Protocol (NTP) server.
C. Add a vCenter Server license.
D. Enable SSH login.
E. Change the logging level.

Answer: BC

NEW QUESTION 18
A development team has a recurring need to rapidly replicate hundreds of virtual machines (VMs) for load testing.
Which method should the team use to deploy the VMs? (Choose the best answer.)

A. Linked clones from a content library
B. Instant clones using the vSphere API
C. Full clones using vSphere Auto Deploy
D. Full clones from a template

Answer: C

NEW QUESTION 22
Which tool is used to monitor the free space in the vCenter Server database? (Choose the best answer.)

A. esxtop
B. df
C. vimtop
D. vmstat

Answer: B

NEW QUESTION 24
Which two features are only supported by VMFS6 datastores? (Choose two.)

A. Concurrent access to shared storage
B. On-disk locking
C. Dynamic expansion
D. 4K native storage devices
E. Automatic space reclamation

Answer: DE

NEW QUESTION 28
Which local only host utility is used for primary, real-time performance monitoring in vSphere? (Choose the best answer.)

A. resxtop
B. top
C. esxtop
D. vSphere Command-Line Interface (CLI)

Answer: C

NEW QUESTION 31
Which tool is used to monitor the vCenter Server Appliance resources? (Choose the best answer.)

A. vimtop
B. esxtop
C. esxcli
D. vmstat

Answer: A

NEW QUESTION 32
What is a pre-requisite for configuring virtualization-based security (VBS)? (Choose the best answer.)

A. Change the firmware type from UEFI to Legacy BIOS
B. Change the firmware type from Legacy BIOS to UEFI
C. Use Windows Server 2012
D. Use Windows Server 2008 R2

Answer: B

NEW QUESTION 34
Which VMware feature should an administrator configure to help manage and delegate CPU and memory resources? (Choose the best answer.)

A. VMware Enhanced vMotion Compatibility (EVC)
B. Resource pools
C. vSphere Distributed Resource Scheduler (DRS)
D. vSphere High Availability (HA)

Answer: B

NEW QUESTION 35
An administrator wants to ensure that when virtual machines (VMs) are powered on, Distributed Resource Scheduler (DRS) places them on the best-suited host.
When the cluster becomes imbalanced, the administrator wants DRS to display recommendations for manual VM migration.
Which DRS automation level should the administrator select? (Choose the best answer.)

A. Manual
B. Partially automated
C. Fully automated
D. Disabled

Answer: B

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-C21C0609-923B

NEW QUESTION 36
A company has a vSphere environment consisting of the following characteristics:
> A content library named 'CORP' is published at corporate headquarters on a vCenter Server named 'vcenterCorp'.
> A regional data center contains a set of hosts managed by a vCenter Server named vcenterR1.
> vcenterR1 subscribes to the CORP content library.
The administrator wants to create a new virtual machine image to use on vcenterR1. What are two possible ways the administrator can accomplish this task? (Choose two.)

A. Configure vcenterR1 to download all library content immediately.
B. Upload the new image to the CORP library on vcenterR1.
C. Publish the CORP content library on vcenterR1.
D. Upload the new image to the CORP library on vcenterCorp.
E. Upload the new image to a local content library on vcenterR1.

Answer: AD

Explanation:
https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-254B2CE8-20A

NEW QUESTION 39
Which privilege is required to run the esxtop utility? (Choose the best answer.)

A. Root user
B. vStatsUser
C. vStatsAdmin
D. Administrator

Answer: A

NEW QUESTION 41
An administrator places a 300 GB virtual machine named "Finance1" on a 2 TB datastore containing other virtual machines. After virtual machine placement, the datastore has 200 GB of free space. The accounting department takes a nightly snapshot of Finance1, then deletes the previous snapshot. The administrator is concerned about snapshots filling the datastore.
Which statement is true regarding snapshots? (Choose the best answer.)

A. The snapshots on Finance1 cannot outgrow the datastore in less than 24 hours.
B. Any snapshot on Finance1 has the potential to fill the datastore to capacity.
C. vCenter Server will not allow snapshots to fill the datastore beyond 95%.
D. The snapshots on Finance1 will be automatically committed if SEsparse format is used.

Answer: B

NEW QUESTION 44
What is a minimum disk controller requirement for VMware vSAN? (Choose the best answer.)

A. A disk controller in JBOD mode
B. A disk controller in pass-through or RAID 1 mode
C. A disk controller in pass-through or RAID 5 mode
D. A disk controller in pass-through or RAID 0 mode

Answer: D

NEW QUESTION 48
An administrator is tasked with upgrading an existing vSphere environment to version 7.0. The environment consists of mounted NFS v3 datastores. The new design requires configuration of NFS v4.1 datastores.
Which statement is true regarding this upgrade? (Choose the best answer.)

A. The NFS v3 datastores can be unmounted and remounted using NFS v4.1.
B. A new VMKernel port for NFS v4.1 needs to be created before the upgrade.
C. Following first boot, NFS v3 datastores are automatically converted to NFS v4.1 by ESXi 7.0
D. ESXi 7.0 does NOT support NFS v4.1.

Answer: B

NEW QUESTION 50
There are two vSphere clusters in a company environment. One cluster is hosting development workloads and another is hosting production workloads. Both vSphere clusters are managed by the same vCenter Server.
The application team would like to move a new virtual machine from the development to production cluster
with no downtime.
Which feature would allow non-disruptive movement between these two clusters? (Choose the best answer.)

A. Cross vCenter Migration
B. vSphere High Availability
C. vSphere vMotion
D. vSphere Replication

Answer: C

NEW QUESTION 52
A recently deployed set of test virtual machines are impacting the performance of a company development team project datastore. The shared cache server appears to be suffering from storage congestion.
Storage I/O Control is already enabled on all company datastores.
Which two steps should the administrator take to improve the performance of the cache server? (Choose two.)

A. Update the storage provider for the existing array.

B. Create a claim rule to control the storage path.
C. Configure the path selection policy.
D. Configure storage shares per virtual machine.
E. Configure storage limits per virtual machine.

Answer: DE

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-25C3D9FE-3A9D

NEW QUESTION 57
Refer to the exhibit.

Which two statements are true regarding the state of the virtual machine (VM) if an administrator clicks the "Delete All" option? (Choose two.)

A. The VM state will match Snap-C.
B. No snapshots will remain on the VM.
C. Snap-A will be intact on the VM.
D. The VM state will match Snap-B
E. The VM state will match Snap-A.

Answer: BD

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-542CF191-B8D

NEW QUESTION 59
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