



VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

NEW QUESTION 1

What can an administrator use to partition limited CPU and memory resources between two departments?

- A. Resource pools
- B. vCenter folders
- C. vSphere distributed switch
- D. vSphere High Availability

Answer: C

NEW QUESTION 2

Which two statements are true regarding the use of firmware update packages in vSphere Lifecycle Manager? (Choose two.)

- A. The firmware and drivers add-on can add or remove components from the ESXi base image.
- B. The firmware and drivers add-on can be used on clusters that are managed with baselines.
- C. The firmware and drivers add-on are distributed through the official VMware online depot.
- D. A hardware support manager must be registered as a vCenter Server extension.
- E. The firmware and drivers add-on is provided by a third-party vendor.

Answer: AB

NEW QUESTION 3

ESXi provides VLAN support by assigning a VLAN ID to which component?

- A. Virtual standard switch
- B. Virtual distributed switch
- C. Port group
- D. Physical network interface card (NIC)

Answer: D

NEW QUESTION 4

A new vSphere 7.0 environment is deployed with the following:

- A single vCenter Server
- Two vSAN clusters
- A vSAN default storage policy

Which statement is true regarding virtual disk availability in this environment?

- A. Replicas will be placed on different disk groups but can be placed on the same host.
- B. Each virtual disk will have two replicas of data.
- C. All stripes will be placed on different disk groups and cannot be placed on the same host.
- D. Each virtual disk will have four replicas of data.

Answer: D

NEW QUESTION 5

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?

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

Answer: C

NEW QUESTION 6

Which feature can an administrator use for site availability with minimal effort and a low recovery point objective (RPO)?

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

Answer: A

NEW QUESTION 7

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

Answer: BD

NEW QUESTION 8

What is the minimum CPU core requirement for successful installation, or upgrade, of ESXi on a host?

- A. 1
- B. 2
- C. 32
- D. 8

Answer: D

NEW QUESTION 9

vCenter Server experiences a catastrophic failure and the administrator must restore from a vCenter Server backup stored on an FTP server. What must the administrator do to restore vCenter Server?

- A. Use the vCenter Server Management Interface to restore the vCenter Server data, and power on the appliance.
- B. Use the vCenter Server GUI installer to deploy a vCenter Server instance and restore the vCenter Server data from the backup.
- C. Use the vCenter Server GUI installer to deploy a vCenter Server instance and use the vSphere Client to restore vCenter Server data from the backup.
- D. Use the vSphere Client to deploy the appliance onto an ESXi host and restore the vCenter Server data from the backup.

Answer: A

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)?

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

Answer: A

NEW QUESTION 10

An administrator receives an escalation to investigate a low disk space alarm on a datastore. The administrator discovers that a snapshot has been accidentally taken on a production, write-intensive database server. The snapshot has grown to nearly 1 TB in size in less than an hour and continues growing every second. Which behavior should the administrator expect while deleting the snapshot?

- A. ESXi will instantly switch from the base disk to the snapshot delta disk with no performance impact.
- B. ESXi will merge the snapshot delta disk into the base disk; the virtual machine will be briefly stunned.
- C. ESXi will commit the snapshot delta disk into the base disk; ongoing database write activity could result in long stun times.
- D. ESXi will create a virtual RAM disk to cache ongoing database write activity; performance impact will be limited.

Answer: A

NEW QUESTION 15

Refer to the exhibit.

An administrator enables email notifications as shown in the attached alarm. However, notifications are NOT being sent. Where must the mail server settings be configured to resolve this issue?

- A. In the ESXi host system config for the cluster node hosting the vCenter Server Appliance
- B. In Administration settings in the vCenter Server Management
- C. Interface In vCenter Server General settings in the vSphere Client
- D. In the alarm rule definitions

Answer: D

NEW QUESTION 18

Which two VMware features are supported in a virtual machine using Intel Software Guard Extensions (Intel SGX) technology? (Choose two.)

- A. vSphere vMotion
- B. Storage I/O Control
- C. Virtual machine suspend and resume
- D. VM encryption
- E. Fault tolerance

Answer: BE

NEW QUESTION 19

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

Answer: CE

NEW QUESTION 20

Which feature is a pre-requisite for configuring admission control on a cluster?

- A. vSphere Fault Tolerance
- B. vSphere Distributed Resource Scheduler (DRS)
- C. vSphere Enhanced vMotion Compatibility (EVC)
- D. vSphere High Availability (HA)

Answer: B

NEW QUESTION 21

When deploying a vCenter Server Appliance, which two single sign-on (SSO)-related options are presented to an administrator? (Choose two.)

- A. Repoint to another domain
- B. Reset Single Sign-On password
- C. Join an existing vCenter Single Sign-On domain
- D. Create a vCenter Enhanced Linked Mode group
- E. Create a vCenter Single Sign-On domain

Answer: BC

NEW QUESTION 22

What are two functions of vSphere Lifecycle Manager? (Choose two.)

- A. Run vCenter Server upgrade pre-checks
- B. Update ESXi hosts in a cluster using baselines
- C. Update standalone ESXi hosts using images
- D. Upgrade VMware Tools and virtual machine hardware
- E. Run vCenter Server interoperability reports

Answer: AE

NEW QUESTION 24

How does vSphere handle memory allocation during the instant clone process?

- A. Memory is shared among all child virtual machines using a delta disk.
- B. The first child virtual machine serves as a memory snapshot for any subsequent child virtual machines.
- C. An identical clone of the parent virtual machine's memory is created for each child virtual machine.
- D. A unique memory pool is created per child virtual machine using copy-on-write.

Answer: C

NEW QUESTION 27

Which step can an administrator take so that vSphere can access patch information if vCenter Server does NOT have Internet access?

- A. Use a Web server on the vCenter Server machine to automate the transfer of files.
- B. Install VMware vSphere Update Manager Download Service on a Windows server.
- C. Install VMware vSphere Update Manager Download Service on a Linux server.
- D. Use an offline ISO file to import patches to the vSphere Lifecycle Manager depot manually.

Answer: A

NEW QUESTION 31

An administrator is tasked with upgrading an existing vSphere environment to version 7.0. The current configuration is using an external Platform Services Controller.

Which two statements are true regarding this upgrade? (Choose two.)

- A. The external Platform Services Controller needs to be decommissioned following the deployment of the new vCenter Server Appliance.
- B. The external Platform Services Controller needs to be converged into an embedded vCenter Server Appliance.
- C. The external Platform Services Controller needs to be powered down while a new vCenter Server Appliance is deployed.
- D. The external Platform Services Controller backup can be restored to a new embedded vCenter Server Appliance.
- E. The external Platform Services Controller needs to be upgraded after the vCenter Server Appliance.

Answer: DE

NEW QUESTION 34

An IT department is experiencing random hardware failures that are costing the company money. The CIO is looking for technical support beyond traditional break/fix with enhanced visibility and proactive insights into the environment at no additional cost. Which VMware service meets the needs of the CIO?

- A. VMware Global Support Services
- B. VMware Premier Support
- C. vRealize Operations Manager
- D. VMware Skyline

Answer: C

NEW QUESTION 35

Which solution can be used to automatically deploy a fully configured VMware software-defined data center (SDDC)?

- A. vSphere Lifecycle Manager
- B. VMware Cloud Foundation
- C. vRealize Suite
- D. vCenter Server

Answer: A

NEW QUESTION 40

Which two storage technologies can an administrator use to deploy the Virtual Machine File System (VMFS)? (Choose two.)

- A. iSCSI storage
- B. vSAN storage
- C. Fibre Channel storage
- D. Virtual Volumes storage
- E. NFS storage

Answer: AE

NEW QUESTION 45

vCenter High Availability (HA) protects vCenter Server against host and hardware failures. What is the minimum number of ESXi hosts required to enable this capability?

- A. 3
- B. 1
- C. 7
- D. 5

Answer: C

NEW QUESTION 47

Which TCP/IP stack can support management traffic, vSphere vMotion, IP storage and vSphere Fault Tolerance?

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

Answer: D

NEW QUESTION 51

An IT department is decommissioning a storage array and Casks an administrator with removing a datastore from ESXi hosts. What is a prerequisite for unmounting the datastore?

- A. The datastore is NOT being used by vSphere High Availability heartbeating.
- B. The datastore is NOT referenced by a host profile.
- C. The datastore does NOT contain powered-off virtual machines.
- D. The datastore is NOT managed by Storage DRS.

Answer: A

NEW QUESTION 52

Refer to the exhibit.

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

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

Answer: BE

NEW QUESTION 55

Refer to the exhibit.

What is the effective role the test1 account has on the Finance01 virtual machine?

- A. Virtual machine user
- B. Administrator
- C. Read-only
- D. No access

Answer: A

NEW QUESTION 58

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?

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

Answer: A

NEW QUESTION 62

An administrator is unable to manage certificates with the vSphere Client. What is another supported option that can be used to manage certificates?

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

Answer: D

NEW QUESTION 63

An administrator would like to make virtual machine templates and ISO images available to all vCenter Server instances in the data center. Which feature should the administrator use to achieve this goal?

- A. Host profiles
- B. Resource pools
- C. Storage policies
- D. Content libraries

Answer: D

Explanation:

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-254B2CE8-20A

NEW QUESTION 67

Refer to the exhibit.

Which trusted infrastructure component is missing and represented by the area labeled "A?"

- A. Attestation Service
- B. Key Provider Service
- C. vSphere Virtual Machine Encryption
- D. Key Management Server

Answer: A

NEW QUESTION 72

What is a pre-requisite for increasing datastore capacity?

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

Answer: C

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.storage.doc/GUID-D57FEF5D-75F1-4>

NEW QUESTION 73

An administrator is asked to take a snapshot of a virtual machine prior to an application upgrade. The virtual machine has one standard virtual machine disk (VMDK) and one physical mode raw device mapping (RDM) attached. Which statement is true with regard to taking this snapshot?

- A. The administrator will be unable to snapshot the RDM.
- B. The administrator will be able to snapshot both disks.
- C. The administrator will be able to snapshot the standard VMDK in independent persistent mode.
- D. The administrator will be able to snapshot the RDM in independent persistent mode.

Answer: D

NEW QUESTION 78

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