

VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x



NEW QUESTION 1

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 2

An administrator wants to enable bandwidth allocation for workloads by using Network I/O Control. What should the administrator configure to accomplish this?

- A. Load-balancing
- B. Virtual machine traffic
- C. NIC teaming policy
- D. Management traffic

Answer: C

NEW QUESTION 3

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 4

An administrator wants to be able to log in to the vSphere Client and view the inventories of two vCenter Server instances. What must the administrator do to meet this requirement?

- A. Configure Enhanced Linked Mode on each vCenter Server instance after deployment is complete.
- B. Connect each vCenter Server instance to the same vCenter Single Sign-On domain during deployment.
- C. Configure the vCenter Server Management Interface to view both vCenter Server instances.
- D. Connect each vCenter Server instance to the same vCenter Single Sign-On domain using the vSphere Client.

Answer: A

NEW QUESTION 5

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 6

A single host is manually configured to company standards.

Which option would an administrator select to capture this configuration for future use?

- A. Reset Host Customizations
- B. Import Host Profile
- C. Extract Host Profile
- D. Attach Host Profile

Answer: C

NEW QUESTION 7

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 8

Which type of network adapter is designed to provide connectivity to hosts and handle the standard system traffic of vSphere vMotion?

- A. VXLAN virtual tunnel end point (VXLAN VTEP)
- B. VM network
- C. Virtual machine network interface card (VMNIC)
- D. VMkernel port

Answer: B

NEW QUESTION 9

A virtual machine with a single 100 GB virtual machine disk file has a single 20 GB snapshot. The virtual machine is powered off. How much additional free space on the datastore is required to delete the snapshot, committing the snapshot delta disk to the base disk?

- A. 120 GB
- B. 100 GB
- C. 0 GB
- D. 20 GB

Answer: D

NEW QUESTION 10

Which local only host utility is used for primary, real-time performance monitoring in vSphere?

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

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)?

- 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 12

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 14

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 16

What is the server virtualization product that combines the ESXi hypervisor and the vCenter Server?

- A. vSAN
- B. vRealize Operations Manager
- C. vSphere
- D. NSX

Answer: C

NEW QUESTION 21

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 25

An administrator is tasked with upgrading an existing vSphere environment to version 7.0. There are existing VMFS3 and VMFS5 datastores in the environment. Which statement is true regarding this upgrade?

- A. VMFS3 is supported with ESXi 7.0 to store boot configurations only.
- B. A VMFS5 datastore CANNOT be upgraded; a new VMFS6 datastore is required.
- C. An ESXi 7.0 host will NOT recognize a VMFS3 datastore.
- D. An ESXi 7.0 host can automatically upgrade a VMFS5 datastore.

Answer: B

NEW QUESTION 26

Which step is required when adding an existing hard disk that is configured as a boot disk during virtual machine creation?

- A. Set the boot delay to at least 5,000 milliseconds.
- B. Enable Secure Boot.
- C. Select 'RDM Disk' from the 'Add New Device' drop-down menu.
- D. Remove the existing disk before adding the boot disk.

Answer: B

NEW QUESTION 31

An administrator runs third-party software in a virtual machine (VM). The third-party licensing agreement requires payment of a license fee for each host to which the VM migrates.

How can the administrator configure Distributed Resource Scheduler (DRS) to minimize licensing costs?

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

Answer: C

NEW QUESTION 32

Which resource pool setting is used to specify the relative priority or importance as high, normal or low?

- A. Reservation type
- B. Limits
- C. Reservations
- D. Shares

Answer: D

NEW QUESTION 33

What are two supported ESXi boot options? (Choose two.)

- A. vSAN
- B. NFS
- C. iSCSI
- D. SAN
- E. vSphere Virtual Volumes

Answer: BE

NEW QUESTION 36

A vSphere environment is configured with 1 Gigabit Ethernet for vSphere vMotion. The application team is complaining that when they try to migrate a powered-on virtual machine, the progress is slow and unsuccessful the majority of the time.

Which two recommendations should the administrator make to improve vSphere vMotion performance? (Choose two.)

- A. Use vSphere Storage I/O Control (SIOC).
- B. Use at least two port groups.
- C. Use 10 Gigabit Ethernet or above.
- D. Use Link Aggregation Control Protocol (LACP) on the port group.
- E. Disable vSphere Fault Tolerance.

Answer: BD

NEW QUESTION 40

Refer to the exhibit.

Which two migration methods can an administrator use to move virtual machines from the SA-Dev cluster to the SA-Compute cluster? (Choose two.)

- A. Hot migration of compute resource only
- B. Hot migration of compute resource and storage resource
- C. Cold migration of compute resource only
- D. Cold migration of compute resource and storage resource
- E. Cold migration of storage only

Answer: CD

NEW QUESTION 43

Which privilege is required to run the esxstop utility?

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

Answer: D

NEW QUESTION 47

An administrator is troubleshooting a recent failure and finds the following error messages:

Which action has failed, thus resulting in these errors?

- A. Virtual machine power off
- B. Virtual machine migration
- C. Virtual machine snapshot
- D. Virtual machine reconfiguration

Answer: D

NEW QUESTION 52

Refer to the exhibit.

What does the %RDY for the Win1 virtual machine indicate?

- A. High CPU wait time
- B. Low CPU usage
- C. High CPU contention
- D. Low CPU contention

Answer: D

NEW QUESTION 55

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 60

How many vSphere Trust Authority Clusters can a Trusted Cluster reference?

- A. 2
- B. 4
- C. 8
- D. 1

Answer: C

NEW QUESTION 65

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 67

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 71

Which two vSphere features enable remote site availability? (Choose two.)

- A. Proactive High Availability
- B. vSphere Replication
- C. Cross vCenter Migration
- D. vSphere Fault Tolerance
- E. vSphere vMotion

Answer: AD

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 76

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