

# VMware

## Exam Questions 2V0-21.20

Professional VMware vSphere 7.x



#### NEW QUESTION 1

An administrator can attach a baseline to which two inventory objects? (Choose two.)

- A. Resource pools
- B. ESXi hosts
- C. Data centers
- D. Datastores
- E. Templates

**Answer:** BC

#### NEW QUESTION 2

An administrator is tasked with upgrading an existing VMware vSphere 6.5 environment to version 7.0. There are existing VMFS3 and VMFS5 datastores in the environment.

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

- A. An ESXi 7.0 host can automatically upgrade a VMFS5 datastore.
- B. VMFS3 is no longer supported with ESXi 7.0.
- C. VMFS5 is no longer supported with ESXi 7.0.
- D. An ESXi 7.0 host will automatically upgrade a VMFS3 datastore when discovered.
- E. A VMFS3 datastore cannot be upgraded; a new VMFS6 datastore is required.

**Answer:** CE

#### NEW QUESTION 3

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 4

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 5

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 6

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. Configure storage shares per virtual machine.
- B. Configure the path selection policy.
- C. Create a claim rule to control the storage path.
- D. Configure storage limits per virtual machine.
- E. Update the storage provider for the existing array.

**Answer:** AC

#### NEW QUESTION 7

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 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

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 is trying to configure vCenter Single Sign-On from the vSphere Client but does NOT have permission. Which role is required in order to configure vCenter Single Sign-On?

- A. vCenter Single Sign-On Administrator
- B. vCenter Server Appliance Root
- C. vCenter Power User
- D. vCenter Administrator

**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 11

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 12

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 15

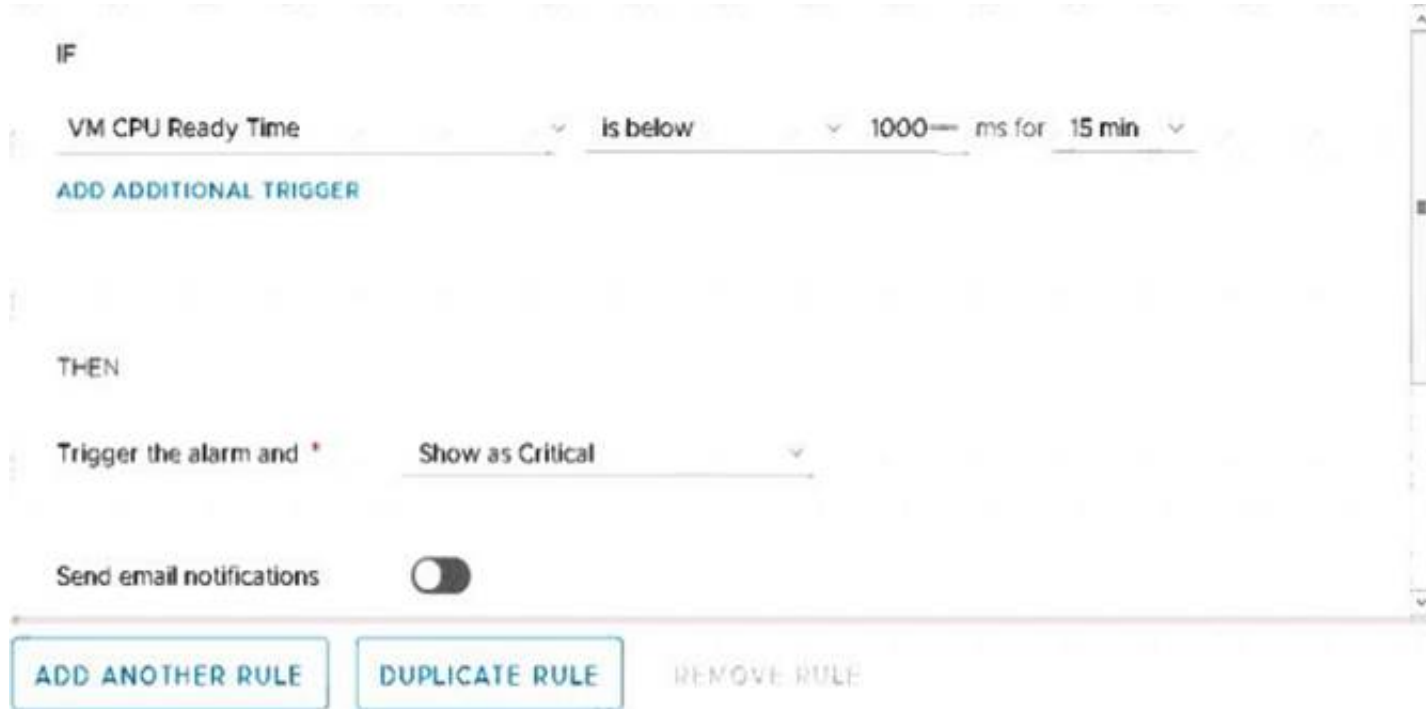
Which tool is used to monitor the vCenter Server Appliance resources?

- A. vimCop
- B. esxtop
- C. esxcli
- D. vmstat

**Answer:** B

#### NEW QUESTION 17

Refer to the exhibit.



An administrator is consistently receiving an alarm regarding a CPU performance issue; however, there is NO CPU issue identified. What can the administrator do to make sure the alarm is triggered when there is an actual CPU performance issue?

- A. Change 'is below' to 'is above.' Change.
- B. Show as Critical' to 'Show as Warning.'
- C. Change 'VM CPU Ready Time' to 'VM Memory Usage.'
- D. Change 'VM CPU Ready Time' to VM CPU Usage.'

**Answer:** B

#### NEW QUESTION 21

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 23

Which virtual disk option allows a virtual machine to consume the minimum storage capacity?

- A. Lazy-zeroed thick-provisioned
- B. Independent persistent
- C. Eager-zeroed thick-provisioned
- D. Thin-provisioned

**Answer:** D

#### Explanation:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-4C0F4D73-82F2](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-4C0F4D73-82F2)

#### NEW QUESTION 26

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 29

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 32

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 36

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 41

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 46

An administrator wants to implement virtual machine encryption. Which component encrypts the virtual machine files?

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

**Answer:** B

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-9035D542-B76B-4>

#### NEW QUESTION 51

Which privilege is required to run the esxstop utility?

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

**Answer:** D

#### NEW QUESTION 55

An administrator adds an additional host to a cluster and is attempting to remediate the configuration with a host profile. Which option would the administrator select on the host before it can be remediated with an existing host profile?

- A. Export Host Profile
- B. Attach Host Profile
- C. Export Host Customizations
- D. Copy Settings from Host

**Answer:** C

#### NEW QUESTION 60

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

```
The guest OS has reported an error during quiescing. The error code was: 5 The error message was: Asynchronous operation failed: >VeeSyncStart
The guest OS has reported an error during quiescing. The error code was: 5 The error message was: 'VeeSyncStart' operation failed: The >system cannot find
the file specified. (0x80070002)
```

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 64

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 68

What is a requirement of Storage I/O Control?

- A. Storage connected through Fibre Channel
- B. Automated storage tiering capabilities
- C. Management by a single vCenter Server
- D. Datastores with multiple extents

**Answer: B**

#### NEW QUESTION 69

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 70

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

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

**Answer: C**

#### NEW QUESTION 71

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.

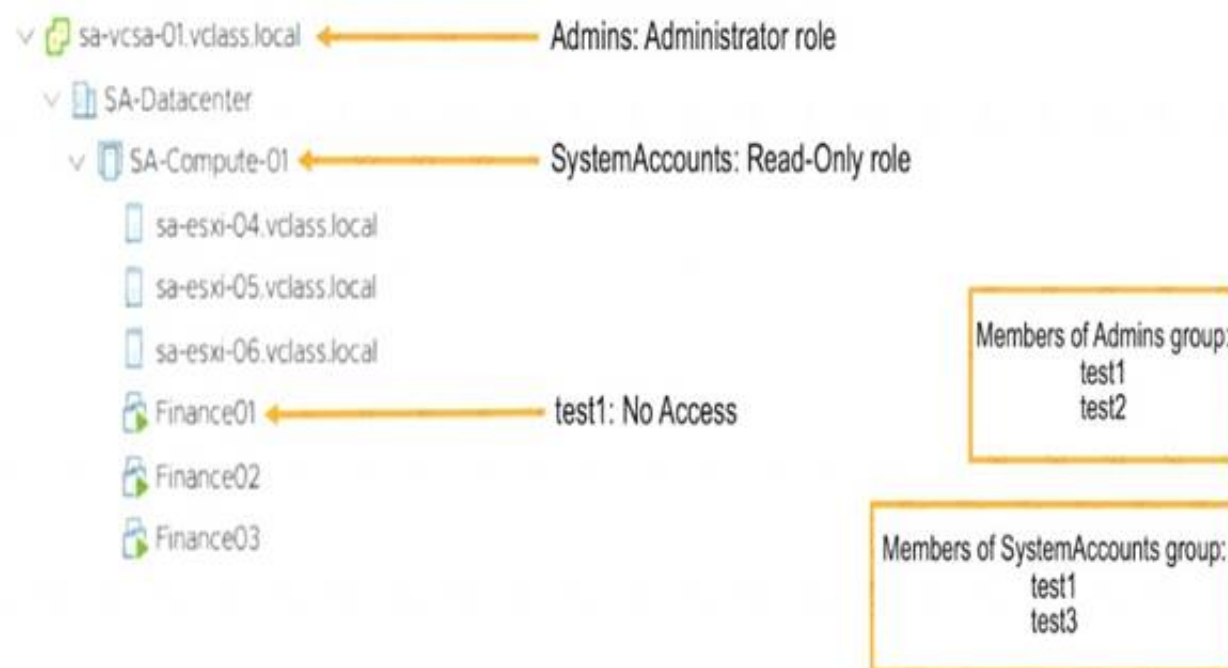


- B. The VM state will match Snap-A.
- C. The VM state will match Snap-B.
- D. The VM state will match Snap-C.
- E. Snap-A will be intact on the VM.

**Answer:** BE

#### NEW QUESTION 76

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 80

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 84

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 85

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 88

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