



## 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

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 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

What is a minimum disk controller requirement for VMware vSAN?

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

**Answer:** B

#### NEW QUESTION 5

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 6

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 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

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 9

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 10

An administrator wants to configure vCenter Server High Availability so that each node is located in a different data center. Which requirement must be met?

- A. Network latency between the nodes must be less than 10 milliseconds.
- B. A vCenter Server license must be assigned to each node.
- C. Each node must be configured with at least three network adapters.
- D. All nodes must be located on a vSAN datastore in each data center.

**Answer:** B

#### NEW QUESTION 10

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 14

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 18

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 19

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 20

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 22

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

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

**Answer:** B

#### NEW QUESTION 27

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 28

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 31

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 35

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 40

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 44

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 48

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 53

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 54

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 56

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 58

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 63

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 64

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

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

**Answer:** C

#### NEW QUESTION 66

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 70

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 75

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 80

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 83

What are two pre-requisites for enabling ESXi secure boot? (Choose two.)

- A. External Key Management Service
- B. Unified Extensible Firmware Interface (UEFI)
- C. vCenter Server 7.0 or greater
- D. ESXi 7.0 or greater

E. Trusted Platform Module version 2.0

**Answer:** CE

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-10F7022C-DBE1-4>

**NEW QUESTION 86**

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