

# VMware

## Exam Questions 2V0-21.20

Professional VMware vSphere 7.x



#### NEW QUESTION 1

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 2

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 3

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 4

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 5

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 6

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 7

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 8

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 9

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 10

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 10

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 11

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 12

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 16

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 17

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 19

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 20

In a vSphere High Availability (vSphere HA) cluster, which condition can be detected by datastore heartbeating?

- A. Datastore All Paths Down (APD) event
- B. Network isolation
- C. Fault tolerance virtual machine (VM) failover
- D. Virtual machine (VM) disk failure

**Answer:** C

#### NEW QUESTION 21

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 24

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 25

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

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

**Answer:** C

#### NEW QUESTION 29

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 32

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 33

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

#### NEW QUESTION 37

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 42

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