Professional VMware vSphere 7.x

VMware 2V0-21.20

Version Demo

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QUESTION NO: 1

In a vSphere High Availability (vSphere HA) cluster, which action does vSphere HA take when the VM Monitoring service does NOT receive heartbeats from a virtual machine (VM) in the cluster?

(Choose the best answer.)

- **A.** The VM is restarted on a different host in the cluster.
- **B.** The VM is suspended on the same host in the cluster.
- C. The VM is migrated to a different host in the cluster.
- **D.** The VM is restarted on the same host in the cluster.

ANSWER: D

QUESTION NO: 2

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

ANSWER: C E

QUESTION NO: 3

An administrator wants to create a master copy of an existing virtual machine (VM) named "TestApp" and deploy VMs from this master copy whenever a user requests one.

Which method can the administrator use to create a master copy of TestApp? (Choose the best answer.)

- A. Deploy from an Open Virtual Machine Format (OVF) template
- B. Convert a template to a VM

- C. Clone the VM to a template
- D. Create a new VM

ANSWER: A

QUESTION NO: 4

Which step is required when adding an existing hard disk that is configured as a boot disk during virtual machine creation? (Choose the best answer.)

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

ANSWER: C

QUESTION NO: 5

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? (Choose the best answer.)

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

ANSWER: D

QUESTION NO: 6

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

ANSWER: C E

QUESTION NO: 7

A development team has a recurring need to rapidly replicate hundreds of virtual machines (VMs) for load testing.

Which method should the team use to deploy the VMs? (Choose the best answer.)

- A. Linked clones from a content library
- B. Instant clones using the vSphere API
- C. Full clones using vSphere Auto Deploy
- D. Full clones from a template

ANSWER: C

QUESTION NO: 8

Which two components are core to vSphere? (Choose two.)

- A. ESXi
- B. vSAN
- C. vCenter Server
- D. vRealize Network Insight
- E. vRealize Operations Manager

ANSWER: A C

Explanation:

Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.vcenterhost.doc/GUID-302A4F73-CA2D-49DC-8727-81052727A763.html

QUESTION NO: 9

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

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

ANSWER: B D

QUESTION NO: 10

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

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

ANSWER: CE

Explanation:

Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.hostclient.doc/GUID-C8EBF77C-F21E-4C28-ABC6-8E3337341DD2.html