



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

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 3

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 4

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 5

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

Answer: CE

NEW QUESTION 9

An administrator needs to configure Proactive High Availability (HA) in a vSphere environment so that virtual machines (VMs) do not run on any partially degraded hosts. The administrator would also like to see the recommendations before VMs are migrated.

Which automation and remediation level should the administrator select?

- A. Automation Level - Manual Remediation Level - Maintenance mode
- B. Automation Level - Automated Remediation Level - Mixed mode
- C. Automation Level - Automated Remediation Level - Maintenance mode
- D. Automation Level - Manual Remediation Level - Quarantine mode

Answer: C

NEW QUESTION 10

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 10

Which feature is a pre-requisite for configuring admission control on a cluster?

- A. vSphere Fault Tolerance
- B. vSphere Distributed Resource Scheduler (DRS)
- C. vSphere Enhanced vMotion Compatibility (EVC)
- D. vSphere High Availability (HA)

Answer: B

NEW QUESTION 11

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

NEW QUESTION 13

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 14

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 18

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 19

An administrator wants to be able to send vCenter Server log files to a remote syslog server and analyze logs using vRealize Log Insight. Which step must the administrator take to meet this requirement?

- A. Configure log file forwarding using the vCenter Server Management Interface.
- B. Configure the vCenter Server logging options using the vSphere Client.
- C. Specify the vRealize Log Insight system name using the vSphere Client.
- D. Specify the remote syslog server name at deployment using the vCenter Server GUI Installer.

Answer: A

NEW QUESTION 24

Which step can an administrator take so that vSphere can access patch information if vCenter Server does NOT have Internet access?

- A. Use a Web server on the vCenter Server machine to automate the transfer of files.
- B. Install VMware vSphere Update Manager Download Service on a Windows server.
- C. Install VMware vSphere Update Manager Download Service on a Linux server.
- D. Use an offline ISO file to import patches to the vSphere Lifecycle Manager depot manually.

Answer: A

NEW QUESTION 26

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 29

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 30

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 35

Which privilege is required to run the esxtop utility?

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

Answer: D

NEW QUESTION 40

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 45

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 49

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 51

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 53

Which TCP/IP stack can support management traffic, vSphere vMotion, IP storage and vSphere Fault Tolerance?

- A. vSphere vMotion TCP/IP stack
- B. Provisioning TCP/IP stack
- C. VXLAN TCP/IP stack
- D. Default TCP/IP stack

Answer: D

NEW QUESTION 54

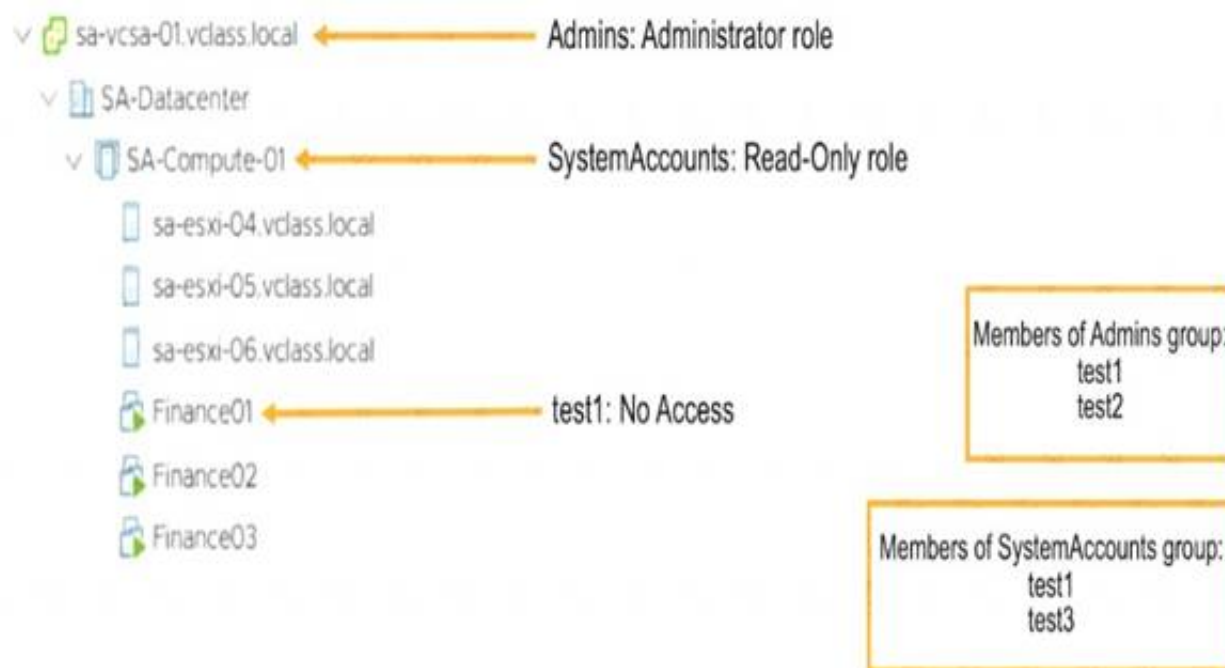
How many vSphere Trust Authority Clusters can a Trusted Cluster reference?

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

Answer: C

NEW QUESTION 58

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 63

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 64

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 66

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 70

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