

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

<https://www.2passeasy.com/dumps/2V0-21.20/>



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

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 4

An administrator wants to enable bandwidth allocation for workloads by using Network I/O Control. What should the administrator configure to accomplish this?

- A. Load-balancing
- B. Virtual machine traffic
- C. NIC teaming policy
- D. Management traffic

Answer: C

NEW QUESTION 5

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 6

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 7

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 8

Which feature can an administrator use for site availability with minimal effort and a low recovery point objective (RPO)?

- A. vSphere vMotion
- B. vSphere Fault Tolerance
- C. vSphere Replication
- D. vSphere High Availability

Answer: A

NEW QUESTION 9

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 10

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 10

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 13

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 16

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 17

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 20

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 23

There are two vSphere clusters in a company environment. One cluster is hosting development workloads and another is hosting production workloads. Both vSphere clusters are managed by the same vCenter Server. The application team would like to move a new virtual machine from the development to production cluster with no downtime.

Which feature would allow non-disruptive movement between these two clusters?

- A. vSphere High Availability
- B. vSphere Replication
- C. vSphere vMotion
- D. Cross vCenter Migration

Answer: B

NEW QUESTION 28

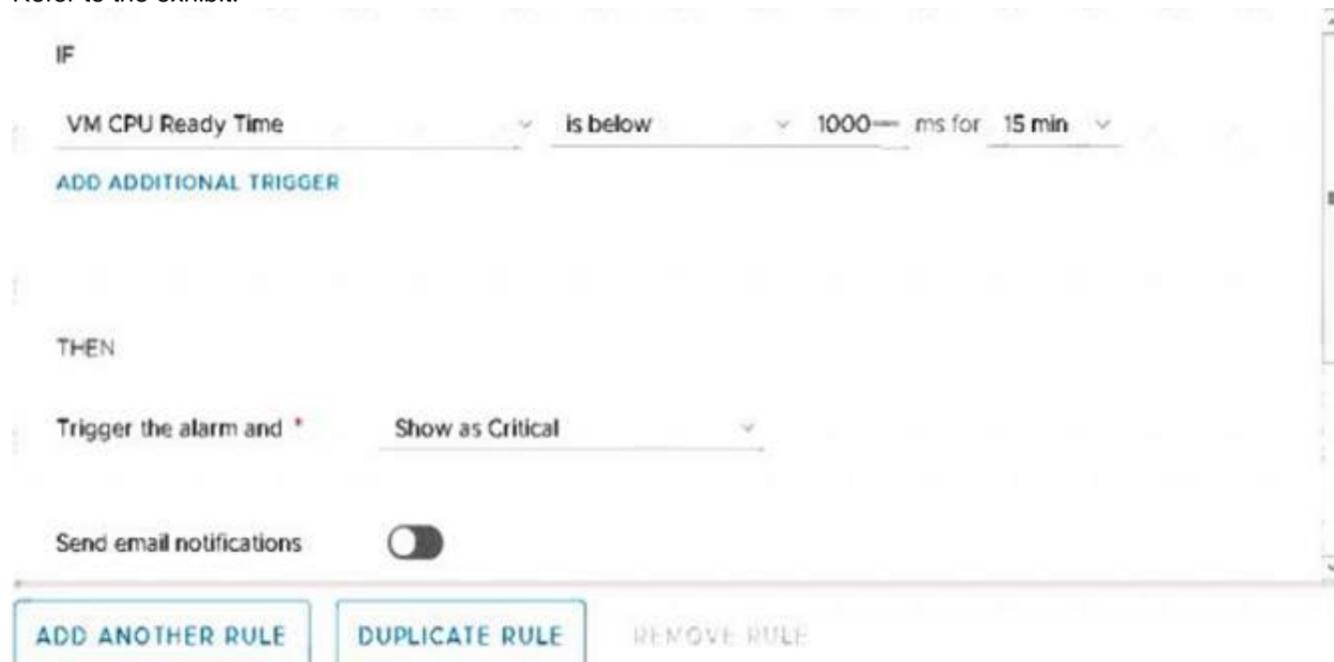
Which feature is a pre-requisite for configuring admission control on a cluster?

- 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 33

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 38

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 40

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 41

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 42

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 44

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 45

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.

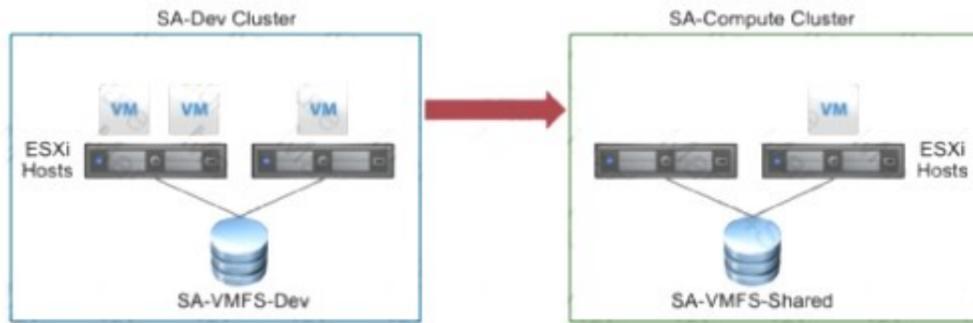
Which VMware service meets the needs of the CIO?

- A. VMware Global Support Services
- B. VMware Premier Support
- C. vRealize Operations Manager
- D. VMware Skyline

Answer: C

NEW QUESTION 50

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 55

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 58

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 60

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 64

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 68

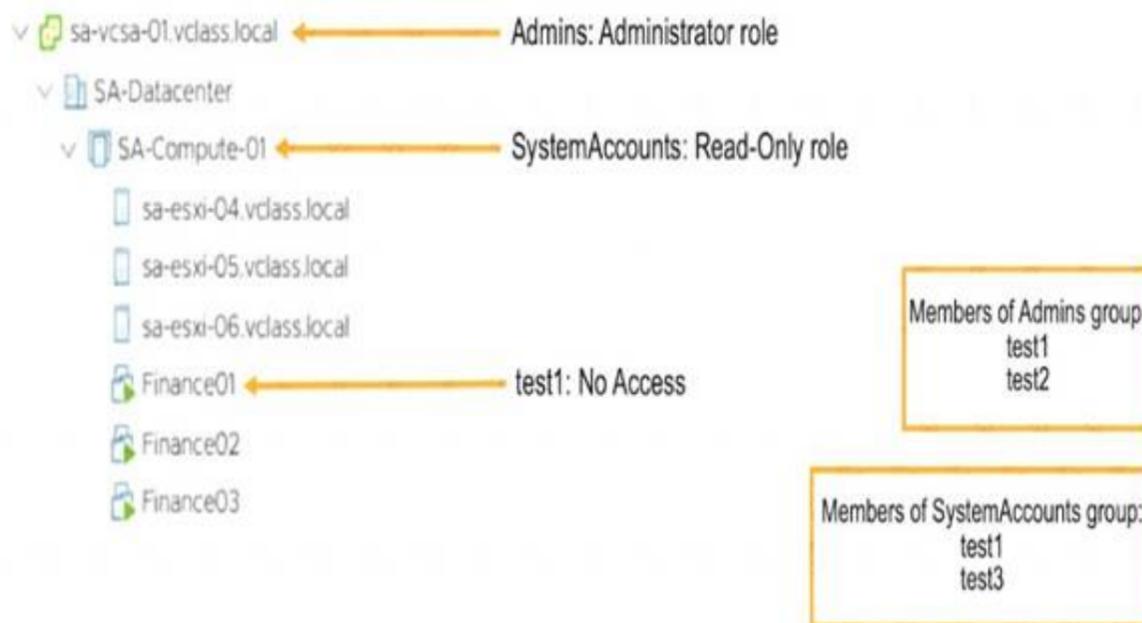
An IT department is decommissioning a storage array and asks an administrator with removing a datastore from ESXi hosts. What is a prerequisite for unmounting the datastore?

- 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 72

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 76

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 79

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

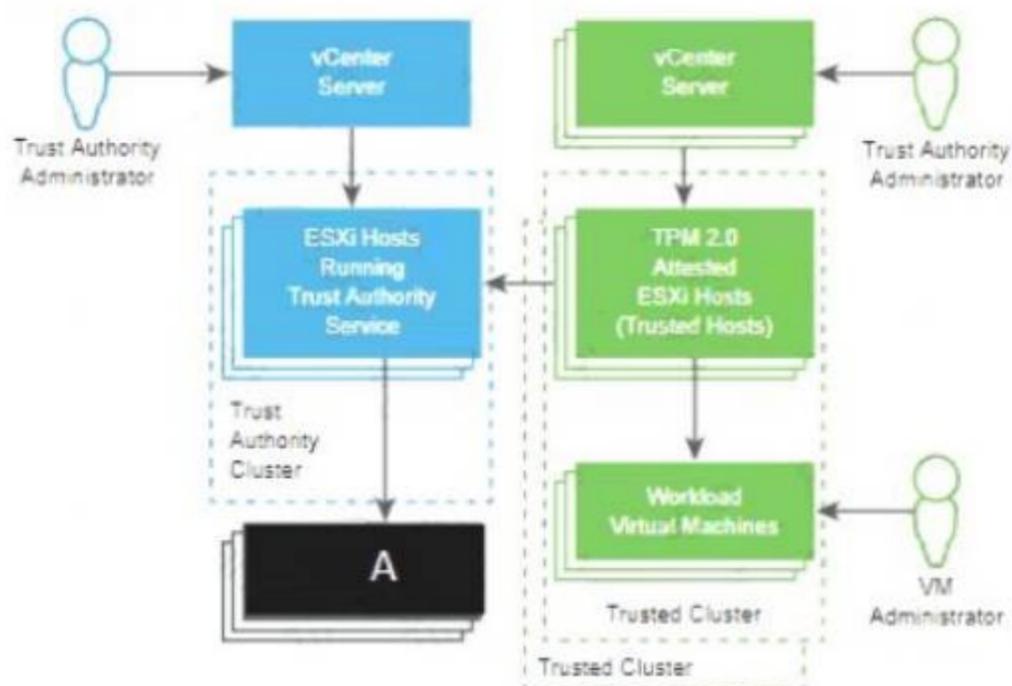
Explanation:

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

NEW QUESTION 82

Refer to the exhibit.

Figure 8-1. vSphere Trust Authority Architecture



Which trusted infrastructure component is missing and represented by the area labeled "A?"

- A. Attestation Service
- B. Key Provider Service
- C. vSphere Virtual Machine Encryption
- D. Key Management Server

Answer: A

NEW QUESTION 83

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 85

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