

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

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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

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

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

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 8

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 9

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 10

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

A virtual machine with a single 100 GB virtual machine disk file has a single 20 GB snapshot. The virtual machine is powered off.

How much additional free space on the datastore is required to delete the snapshot, committing the snapshot delta disk to the base disk?

- A. 120 GB
- B. 100 GB
- C. 0 GB
- D. 20 GB

Answer: D

NEW QUESTION 12

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 17

An administrator runs a two-node vSphere cluster, which contains two domain controller virtual machines (VMs). The administrator wants to ensure that VMs run on separate hosts without interfering with normal maintenance operations.

How should the administrator configure Distributed Resource Scheduler (DRS)?

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

Answer: A

NEW QUESTION 19

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 20

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 23

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 24

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

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

Answer: B

NEW QUESTION 28

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 30

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 33

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 35

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 39

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 42

Which privilege is required to run the esxstop utility?

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

Answer: D

NEW QUESTION 46

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 49

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 51

Refer to the exhibit.

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 55

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