VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

NEW QUESTION 1
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 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
An administrator places a 300 GB virtual machine named "Finance1" on a 2 TB datastore containing other virtual machines. After virtual machine placement, the datastore has 200 GB of free space. The accounting department takes a nightly snapshot of Finance1, then deletes the previous snapshot. The administrator is concerned about snapshots filling the datastore.
Which statement is true regarding snapshots?

A. vCenter Server will not allow snapshots to fill the datastore beyond 95%.
B. Any snapshot on Finance1 has the potential to fill the datastore to capacity.
C. The snapshots on Finance1 cannot outgrow the datastore in less than 24 hours.
D. The snapshots on Finance1 will be automatically committed if SEsparse format is used.

Answer: C

NEW QUESTION 4
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 5
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 6
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 resultin 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 7
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 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 tool is used to monitor the vCenter Server Appliance resources?

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

Answer: B

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 14
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 15
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 18

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
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 24
Which privilege is required to run the esxtop utility?

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

Answer: D

NEW QUESTION 26
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 29

An administrator is troubleshooting a recent failure and finds the following error messages:

Which action has failed, thus resulting in these errors?

A. Virtual machine power off
B. Virtual machine migration
C. Virtual machine snapshot
D. Virtual machine reconfiguration

Answer: D

NEW QUESTION 30
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 31
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 32
An IT department is decommissioning a storage array and Casks 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 33
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 37
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 40
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 41
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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