VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

NEW QUESTION 1
What are two pre-requisites for enabling ESXi secure boot? (Choose two.)

A. External Key Management Service
B. vCenter Server 7.0 or greater
C. Trusted Platform Module version 2.0
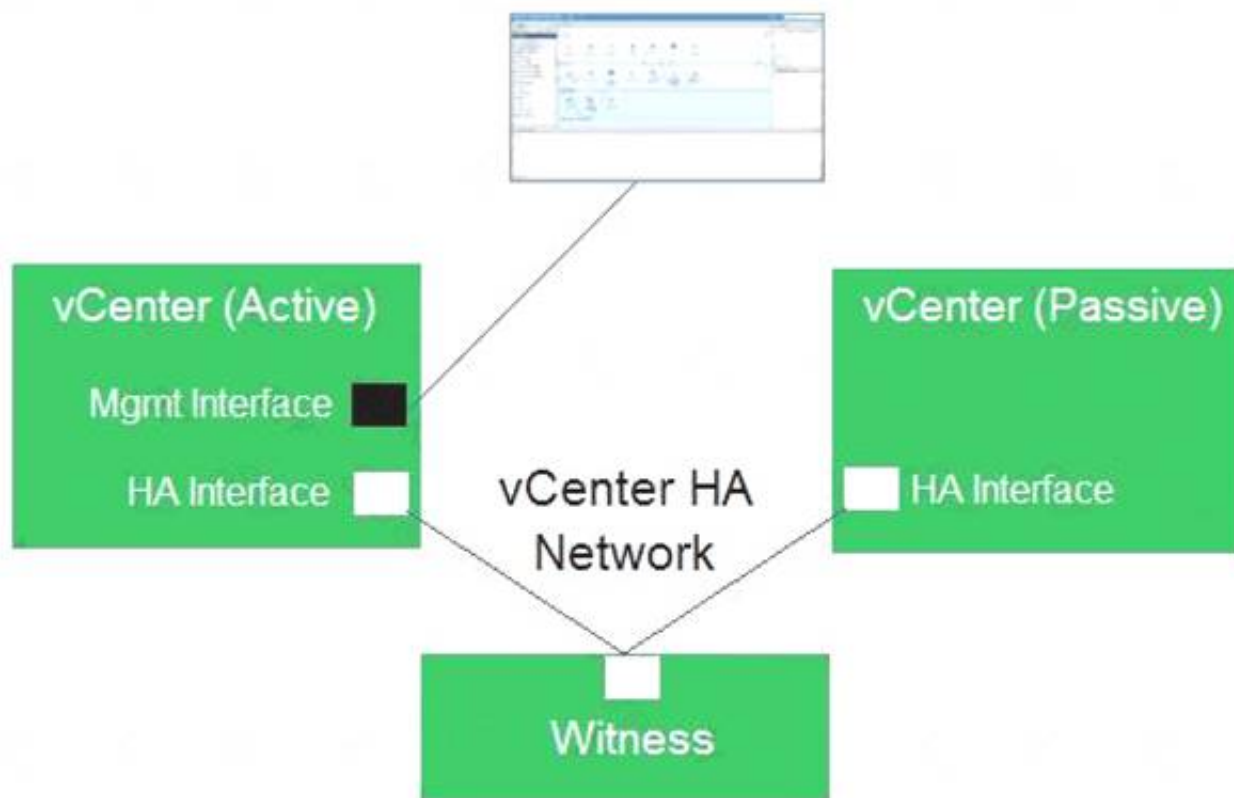D. ESXi 7.0 or greater
E. Unified Extensible Firmware Interface (UEFI)

Answer: AE

Explanation:
https://blogs.vmware.com/vsphere/2017/05/secure-boot-esxi-6-5-hypervisor-assurance.html

NEW QUESTION 2
Refer to the exhibit.

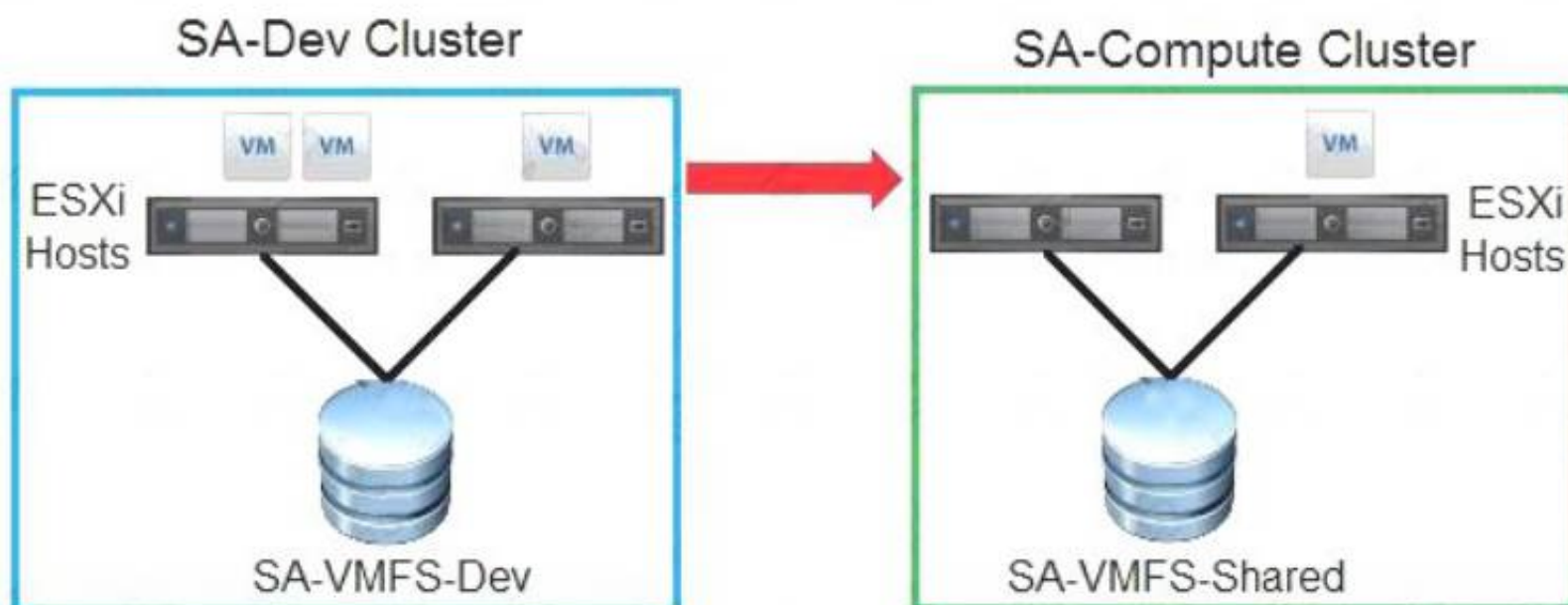Which element is missing from this vCenter High Availability (HA) cluster? (Choose the best answer.)

A. A secondary witness node
B. The management interface on the passive node
C. The connection between the active and passive nodes
D. The management interface and connection on the witness node

Answer: C

NEW QUESTION 3
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. Cold migration of compute resource only
B. Cold migration of storage only
C. Hot migration of compute resource and storage resource
D. Hot migration of compute resource only
E. Cold migration of compute resource and storage resource

Answer: CE

NEW QUESTION 4
An administrator has been tasked with mitigating datastore capacity issues without datastore expansion. Which vSphere Storage vMotion migration option would achieve this mitigation? (Choose the best answer.)

A. Lazy-zeroed thick-provisioned
B. Thin-provisioned
C. Eager-zeroed thick-provisioned
D. Same as format source

Answer: B

NEW QUESTION 5
Which TCP/IP stack can support management traffic, vSphere vMotion, IP storage and vSphere Fault Tolerance? (Choose the best answer.)

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

Answer: C

NEW QUESTION 6
Which vSphere feature provides for continuous local data center availability? (Choose the best answer.)

A. vSphere Fault Tolerance
B. Cross vCenter Migration
C. vSphere Storage vMotion
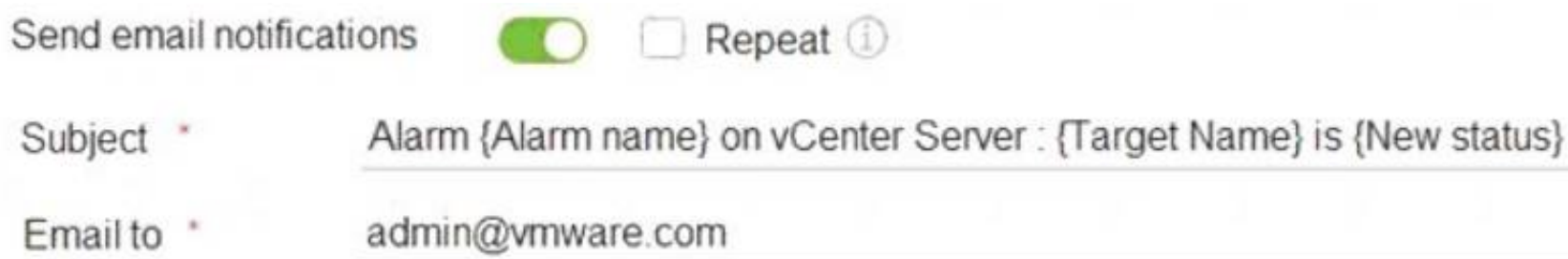D. vSphere Replication

Answer: A

NEW QUESTION 7
How many vSphere Trust Authority Clusters can a Trusted Cluster reference? (Choose the best answer.)

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

Answer: A

NEW QUESTION 8
Refer to the exhibit.

An administrator enables email notifications as shown in the attached alarm. However, notifications are NOT being sent.
Where must the mail server settings be configured to resolve this issue? (Choose the best answer.)

A. In vCenter Server General settings in the vSphere Client.
B. In the alarm rule definitions
C. In the ESXi host system config for the cluster node hosting the vCenter Server Appliance
D. In Administration settings in the vCenter Server Management Interface

Answer: A

NEW QUESTION 9
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

NEW QUESTION 10
What are two functions of vSphere Lifecycle Manager? (Choose two.)

A. Update ESXi hosts in a cluster using baselines

B. Upgrade VMware Tools and virtual machine hardware
C. Run vCenter Server interoperability reports
D. Run vCenter Server upgrade pre-checks
E. Update standalone ESXi hosts using images

Answer: AB

Explanation:
https://www.stevenbright.com/2020/04/getting-started-with-vsphere-7-0-lifecycle-manager/

NEW QUESTION 10
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: A

NEW QUESTION 15
Which action is supported over a VMkernel vMotion TCP/IP stack? (Choose the best answer.)

A. Hot migrations
B. Fault tolerance protection
C. Virtual machine cloning
D. Snapshot creation

Answer: B

NEW QUESTION 19
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? (Choose the best answer.)

A. Change 'VM CPU Ready Time' to 'VM Memory Usage.'
B. Change 'Show as Critical' to 'Show as Warning.'
C. Change 'VM CPU Ready Time' to 'VM CPU Usage.'
D. Change 'is below' to 'is above.'

Answer: D

Explanation:
https://www.actualtechmedia.com/wp-content/uploads/2013/11/demystifying-cpu-ready.pdf

NEW QUESTION 21
Which local only host utility is used for primary, real-time performance monitoring in vSphere? (Choose the best answer.)

A. resxtop
B. top
C. esxtop

D. vSphere Command-Line Interface (CLI)

Answer: C

NEW QUESTION 25
Which two features are only supported by VMFS6 datastores? (Choose two.)

A. Concurrent access to shared storage
B. On-disk locking
C. Dynamic expansion
D. 4K native storage devices
E. Automatic space reclamation

Answer: DE

NEW QUESTION 27
Which tool is used to monitor the vCenter Server Appliance resources? (Choose the best answer.)

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

Answer: A

NEW QUESTION 28
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? (Choose the best answer.)

A. Export Host Customizations
B. Export Host Profile
C. Attach Host Profile
D. Copy Settings from Host

Answer: C

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.hostprofiles.doc/GUID-09C00374-53C

NEW QUESTION 30
What determines the default bandwidth share allocation for system traffic, such as vSphere Fault Tolerance and vSphere vMotion? (Choose the best answer.)

A. Physical network adapter
B. Network I/O Control version
C. Virtual machine hardware version
D. Load-balancing

Answer: B

NEW QUESTION 32
An administrator wants to enable bandwidth allocation for workloads by using Network I/O Control. What should the administrator configure to accomplish this?
(Choose the best answer.)

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

Answer: B

NEW QUESTION 35
Which privilege is required to run the esxtop utility? (Choose the best answer.)

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

Answer: A

NEW QUESTION 36
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? (Choose the best answer.)

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

Answer: B

NEW QUESTION 37
An administrator is tasked with planning an upgrade of a VMware vSphere environment to version 7.0. The platform consists of 80 ESXi hosts, logically divided into 10 clusters. The tasks will be completed by another operations team within the company.
The hardware is consistent and a single embedded vCenter Server 6.7 appliance is managing the environment. Which statement is true regarding a suitable upgrade approach? (Choose the best answer.)

A. The vCenter Server can be upgraded using a pre-configured customized JSON template.
B. The ESXi hosts can only be upgraded using the Graphical User Interface Installer.
C. Auto-deploy must be used to upgrade the large scale environment.
D. A new Platform Services Controller must be deployed first.

Answer: C

NEW QUESTION 41
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? (Choose the best answer.)

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

Answer: A

NEW QUESTION 43
An administrator can attach a baseline to which two inventory objects? (Choose two.)

A. Resource pools
B. Data centers
C. Datastores
D. Templates
E. ESXi hosts

Answer: DE

Explanation:
https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.upgrade.doc/GUID-5EA28531-0813-4

NEW QUESTION 46
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? (Choose the best answer.)

A. Each node must be configured with at least three network adapters.
B. Network latency between the nodes must be less than 10 milliseconds.
C. All nodes must be located on a vSAN datastore in each data center.
D. A vCenter Server license must be assigned to each node.

Answer: B

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-8FD87389-8CC9-429

NEW QUESTION 51
Which two storage technologies can an administrator use to deploy the Virtual Machine File System (VMFS)? (Choose two.)

A. Fibre Channel storage
B. vSAN storage
C. Virtual Volumes storage
D. NFS storage
E. iSCSI storage

Answer: AE

NEW QUESTION 56
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? (Choose the best answer.)

A. Configure the vCenter Server logging options using the vSphere Client.

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

Answer: D

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenter.configuration.doc/GUID-9633

NEW QUESTION 57
What are two supported ESXi boot options? (Choose two.)

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

Answer: BD

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-2A66A330-A9E5-4

NEW QUESTION 62
An administrator is tasked with upgrading an existing vSphere environment to version 7.0. The environment consists of mounted NFS v3 datastores. The new design requires configuration of NFS v4.1 datastores.
Which statement is true regarding this upgrade? (Choose the best answer.)

A. The NFS v3 datastores can be unmounted and remounted using NFS v4.1.
B. A new VMKernel port for NFS v4.1 needs to be created before the upgrade.
C. Following first boot, NFS v3 datastores are automatically converted to NFS v4.1 by ESXi 7.0
D. ESXi 7.0 does NOT support NFS v4.1.

Answer: B

NEW QUESTION 65
An administrator identifies a snapshot file named "Win10-000001-sesparse.vmdk" on a datastore. Which type of information can be determined about this datastore? (Choose the best answer.)

A. The datastore is formatted as VMFS3.
B. The datastore is formatted as VMFS6.
C. The datastore is a raw device mapping.
D. The datastore is a vSAN datastore.

Answer: B

NEW QUESTION 70
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