VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

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 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 3
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 4
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 5
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 6
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 7
A single host is manually configured to company standards.
Which option would an administrator select to capture this configuration for future use?

A. Reset Host Customizations
B. Import Host Profile

C. Extract Host Profile
D. Attach Host Profile

Answer: C

NEW QUESTION 8
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 9
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 10
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 10
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?

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

Answer: D

NEW QUESTION 12
What is the server virtualization product that combines the ESXi hypervisor and the vCenter Server?

A. vSAN
B. vRealize Operations Manager
C. vSphere
D. NSX

Answer: C

NEW QUESTION 16
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 19
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 20
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 25
When deploying a vCenter Server Appliance, which two single sign-on (SSO)-related options are presented to an administrator? (Choose two.)

A. Repoint to another domain
B. Reset Single Sign-On password
C. Join an existing vCenter Single Sign-On domain
D. Create a vCenter Enhanced Linked Mode group
E. Create a vCenter Single Sign-On domain

Answer: BC

NEW QUESTION 29
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 30
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 34
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
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 36
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 38
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 41
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 43
Refer to the exhibit.

Which two statements are true regarding the state of the virtual machine (VM) if an administrator clicks the "Delete AH" option? (Choose two.)

A. No snapshots will remain on the VM.
B. The VM state will match Snap-A.
C. The VM state will match Snap-B.
D. The VM state will match Snap-C.
E. Snap-A will be intact on the VM.

Answer: BE

NEW QUESTION 48
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 52
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 54
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 58
What is a pre-requisite for increasing datastore capacity?

A. The datastore is 100% full.
B. The datastore is managed by Storage DRS (SDRS).
C. The backing device for the datastore has enough free space.
D. There are NO powered-on virtual machines on the datastore.

Answer: C

Explanation:
https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.storage.doc/GUID-D57FEF5D-75F1-4

NEW QUESTION 61
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 62
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 63
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