Vendor: Nutanix

Exam Code: NCP-MCI

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Version: DEMO

QUESTION 1
A six-node cluster with the Reserve Rebuild Capacity option enabled has stopped accepting write requests. The cluster has also had several VM outages. What could the cause be?

A. The cluster has reached its EC-X capacity limit.
B. A node failed causing 2N/2D containers to degrade.
C. The cluster has reached its resilient capacity limit.
D. A node failed causing 1N/1D containers to degrade.

Answer: C

QUESTION 2
An administrator needs to expand an existing cluster with a new node that has no operating system. Only hai IP addresses are available. Out of band management (IPMI) has not been configured. Which tool should be used to image the node?

A. Foundation Central
B. Phoenix ISO Image
C. Discovery OS
D. Standalone Foundation

Answer: D

QUESTION 3
An administrator would like to upgrade LCM (Life Cycle Management) to the latest version on an AHV cluster. Which step should the administrator take to guarantee LCM is upgraded to the latest version?

A. Perform an inventory
B. Upgrade AHV
C. Upgrade AOS
D. Run NCC health check

Answer: A

QUESTION 4
What is the default compression setting when a new storage container is created in Prism Central?

A. Inline compression with a 0-minute delay
B. Post-process compression with a 60-minute delay
C. Post-process compression with a 0-minute delay
D. Inline compression with a 60-minute delay

Answer: A

QUESTION 5
A cluster only has one storage pool. Even though the pool has sufficient empty space, all but one container are out of space. What could be the cause of this?

A. The container is in a stretch cluster.
B. There is more than one failed node in the cluster.
C. A container has a capacity reservation set.
D. There is more than one failed drive in the cluster.

Answer: C

QUESTION 6
An administrator needs to ensure that if a host remains in a disconnected status for 40 seconds, VMs running on a host are automatically restarted.

What method should the administrator use to ensure root file system corruption has not occurred and that the root file system of a host isn't in a read-only state?

A. Host-based reservation method
B. Root file system corruption method
C. Segment-based reservation method
D. Scheduler-based reservation method

Answer: C

QUESTION 7
An administrator needs to migrate an existing VM from a 3-tier ESXi environment to Nutanix AHV.

What should be used to minimize downtime during the migration?

A. Nutanix CCLM
B. Nutanix Move Agent
C. Backup and restore the VM
D. Nutanix Move

Answer: D

QUESTION 8
An administrator needs to protect a group of mission-critical virtual machines.

The business requirements are:
```
* Recovery Point Objective (RPO) must be set to 5 minutes.
* New mission critical VMs should be automatically protected.
```

Which data protection type supports this configuration?

A. Protection Domain with NearSync replication
B. Protection Policy with NearSync replication
C. Protection Domain with Asynchronous replication
D. Protection Policy with Asynchronous replication

Answer: B

QUESTION 9
An administrator is planning a new AHV cluster deployment with multiple nodes and wants to include a cluster virtual IP for external access.

How many IPv4 addresses should be reserved?

A. Two IPs per node + 2 IPs for VIP addresses
B. Four IPs per node + 1 IP for VIP address
C. Three IPs per node + 1 IP for VIP address
D. Three IPs per node + 2 IPs for VIP addresses

Answer: C

QUESTION 10
An administrator is trying to migrate a VM to a new container. The Migration of vDisks stalls.

What could be the cause of this?

A. Insufficient storage space to create the source snapshot.
B. Insufficient storage space in the target storage container.
C. Insufficient storage space in the local storage container.
D. Insufficient storage space to create the target snapshot.

Answer: B

QUESTION 11
An administrator would like to create a VM template for reusability, to simplify VM management, and improve security.

When should the administrator apply a guest customization profile to simplify VM management?

A. When deploying a VM with Cloud-Init guest customization
B. When deploying a VM with a customized guided script
C. When cloning a VM with Cloud-Init guest customization
D. When cloning a VM with Sysprep guest customization

Answer: A

QUESTION 12
A database server has a corrupt database after a VM was restored from a recovery point. The database VM is part of the VIP_VMS category that is protected by a Protection Policy with asynchronous schedule.

After checking the state of NGT tools, an administrator is investigating the Protection Policy looking for the root cause of the database corruption.

What is the most probably cause?

A. Set RPO is too high for protecting database VMs.
B. Roll-up schedule is used in Protection Policy instead of Linear.

C. The VM should have been added to the Applications category.
D. Take App-Consistent Recovery Point option is not selected.

Answer: D

QUESTION 13
During an LCM upgrade, the `pre-check test_ahv_entering_mm_pinned_vms` pre-check fails on an AHV host. The administrator reviews the listed VMs and finds that:

```
* One VM is configured as an Agent VM
* Two VMs are running Windows Defender Credential Guard
* One VM has a vGPU-enabled
```

Based on the behavior of this pre-check, which action is required to allow the host to enter maintenance mode and proceed with the LCM upgrade?

A. Enable DRS in the cluster to allow the VMs running Windows Defender Credential Guard to migrate.
B. Update the VM-VM anti-affinity rules so that the Agent VM can migrate to a different host in the cluster.
C. Manually migrate the Agent VM and the vGPU enabled VM to a different node in the cluster.
D. Power off Agent VM, Credential Guard VMs, and pinned vGPU-enabled VM and restart the upgrade.

Answer: D

QUESTION 14
An administrator needs to change the bond type on an existing virtual switch in a production AHV cluster running critical workloads. The administrator wants to avoid any disruption to running VMs during the change.

How should the administrator complete this task?

A. Use the Standard method to migrate VMs and apply changes sequentially to each node.
B. Place all of the nodes in maintenance mode simultaneously, then apply the bond type change.
C. Use the Quick method to apply changes without putting nodes into maintenance mode.
D. Delete the virtual switch and recreate it with a new bond type to avoid a rolling update.

Answer: A

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