



NCP-MCI-6.5^{Q&As}

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI)
v6.5 exam

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QUESTION 1

A cluster has RF2. The cluster loses two drives on different nodes in the same storage tier.

What is the effect on the replicas of the VMs?

- A. Some VM data may be lost
- B. No VMs lose data if the node has two or more SSDs
- C. Some VMs may reboot and gain access to data
- D. No VMs lose data because of RF2

Correct Answer: A

Reference: <https://next.nutanix.com/how-it-works-22/disk-fault-tolerance-8822>

QUESTION 2

A vDisk is read by multiple VMs. The cluster creates immutable copies of the vDisk. What are these vDisk copies called?

- A. Disk Clones
- B. Golden Images
- C. Volume Groups
- D. Shadow Clones

Correct Answer: C

QUESTION 3

An administrator is implementing a VDI solution. The workload will be a series of persistent desktops in a dedicated storage container within a four-node cluster. Storage optimizations should be set on the dedicated storage container to give optimal performance including during a node failure event.

Which storage optimizations should the administrator set to meet the requirements?

- A. Compression only
- B. Deduplication and Erasure Coding
- C. Compression and Deduplication
- D. Compression, Deduplication, and Erasure Coding

Correct Answer: C



QUESTION 4

An administrator has received reports of users being disconnected from remote desktop sessions to a specific VM. Which VM metric is most useful isolating the cause of the issue?

- A. Storage Controller Bandwidth
- B. Swap-Out Rate
- C. Hypervisor CPU Ready time (%)
- D. Virtual NIC receive packet dropped

Correct Answer: D

QUESTION 5

An administrator needs to provide access for a user to view real-time performance metric for all VMs on all clusters across the datacenter. Which method accomplishes this with the least effort and ongoing maintenance?

- A. Configure IDP authentication and assign the user to the Cluster Admin role in Prism Central.
- B. Configure AD authentication and assign the user to the Viewer role in Prism Element.
- C. Configure AD authentication create a custom role, assign the user to the role, and apply the role to all clusters and VMs

Correct Answer: C

QUESTION 6

An Administrator has been asked to deploy VMs using a specific image. The image has been configured with settings and applications that will be used by engineering to develop a new product by the company.

The image is not available on the desired cluster, but it is available in other cluster associated with Prism Central.

Why isn't the image available?

- A. The image bandwidth policy has prevented the image upload.
- B. The cluster should be removed from all categories.
- C. The cluster has not been added to the correct category
- D. The image placement policy was configured with enforcement.

Correct Answer: D

Explanation: When a placement policy is enforced, images are only allowed to be deployed on clusters that are part of



categories that are associated with the policy. If the desired cluster is not associated with the policy, then the image will not be available for deployment. <https://next.nutanix.com/how-it-works-22/image-management-for-ahv-clusters-and-dealing-with-the-inactive-image-37300>

QUESTION 7

AHV IPAM assigns an IP address from the address pool when creating a managed VM NIC.

At which two instances does the address release back to the pool? (Choose two)

- A. The IP address lease expires
- B. The VM NIC is deleted.
- C. The IP address is changed to static.
- D. The VM is deleted.

Correct Answer: BD

Explanation: https://portal.nutanix.com/page/documents/solutions/details/?targetId=BP-2029_AHV:BP-2029_AHV
Administrators can use Acropolis with IPAM to deliver a complete virtualization deployment, including network management, from the unified Prism interface. This capability radically simplifies the traditionally complex network management associated with provisioning VMs and assigning network addresses. To avoid address overlap, be sure to work with your network team to reserve a range of addresses for VMs before enabling the IPAM feature. The Acropolis master assigns an IP address from the address pool when creating a managed VM NIC; the address releases back to the pool when the VM NIC or VM is deleted.

QUESTION 8

In which two scenarios is Native Key Management Server supported? (Choose two)

- A. XenServer and AHV mixed cluster.
- B. Hyper-V and AHV mixed cluster.
- C. KVM and AHV mixed cluster.
- D. ESXi and AHV mixed cluster.

Correct Answer: BD

QUESTION 9

How should an administrator correct an SSL error when connecting to a Nutanix cluster?

- A. Add the SSL certificate to the workstation's trusted people store
- B. Create a new self-signed certificate for the cluster with a 4096 bit key
- C. Create a new SSL certificate for the cluster signed by an AD certificate authority



D. Add the SSL certificate to an AD group policy applied to all computer objects

Correct Answer: C

QUESTION 10

What is a requirement to enable Flow Networking?

- A. A dedicated virtual switch has been created for Flow Networking.
- B. Flow Micro segmentation must be enabled.
- C. Microservices infrastructure must be enabled.
- D. Prims Central is using a three-node scale-out deployment

Correct Answer: B

QUESTION 11

An administrator needs to bring down a host in a Nutanix Cluster for maintenance reasons. The administrator puts the host in maintenance mode. What should the administrator do to perform an orderly shutdown of the CVM?

- A. Execute the `cvm_shutdown -P new` command from the CVM.
- B. Enter Fever off Server - immediate from the IPMI console.
- C. Enter Fever off Server-orderly Shutdown from the IPMI console.
- D. Execute the `cvm_shutdown -P now` command from the host.

Correct Answer: D

QUESTION 12

A user is complaining about slowness of a mission-critical MSSQL Server. The administrator logs into Prism Element to investigate the VM performance and observes what is shown in the diagram.



Which action would best improve VM performance?

- A. Disable hyperthreading in the BIOS.
- B. Add additional RAM to the user VM.
- C. Add additional RAM to the host on which the VM is running.
- D. Ensure the host's CPUs are not excessively overcommitted.

Correct Answer: B

Explanation: Prism Element is a graphical user interface that allows you to manage Nutanix clusters¹. You can use Prism Element charts to understand Nutanix cluster workloads and troubleshoot performance related issues². memory

optimized virtual machine sizes offer the best performance for SQL Server workloads on Azure VMs. Adding more RAM to the user VM can help reduce paging and improve query execution times.

SQL Server performance can be affected by disk latency and throughput. By creating separate virtual disks for data and logs, you can spread activity across multiple spindles and reduce disk contention.

<https://next.nutanix.com/how-it-works-22/differences-between-prism-element-prism-central- and-prism-pro-37137>

QUESTION 13

Which inefficient VM Profile can be used to identify a VM that consumes too many resources and causes other VMs to starve?

- A. Over-provisioned VM
- B. Inactive VM
- C. Bully VM



D. Constrained VM

Correct Answer: C

QUESTION 14

An administrator wants to receive an environment summary report when a host failure occurs. Which action would address the administrator's need?

- A. Enable App Discovery
- B. Edit report schedule
- C. Configure an alert policy
- D. Create a playbook

Correct Answer: C

Explanation: An alert policy can be configured to send out an environment summary report when a host failure occurs. This can be done by creating a policy that triggers an alert whenever a host fails and then configuring the policy to send out a report that provides a summary of the environment in which the failure occurred. This will allow the administrator to quickly get a view of the environment after a failure occurs, allowing them to take the necessary steps to address the issue. https://www.nutanix.com/support-services/training-certification/certifications/certification-details-nutanix-certified-professional-multicloud-infrastructure-6_5

QUESTION 15

An administrator is commissioning a Nutanix Enterprise Cloud. Once the user VMs have been deployed and are running, the administrator finds that VMs on the same host are able to communicate, but are unable to communicate between hosts.

What must be changed to enable full inter-VM communications?

- A. Change the spanning-tree port type on the switch.
- B. Change the network the VMs are connected to
- C. Update the switch to specifically allow VLAN 15
- D. The VMs need to have static IP addresses.

Correct Answer: C