



NCP-MCI-6.5^{Q&As}

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

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QUESTION 1

An administrator has an AHV cluster that is comprised of 4 nodes with the following configuration in each node:

CPU:2 each 2.4GHz, 12 core

Memory: 256GB

Disk: 6 each 1.92 SSD

A VM with 16 vCPUs and 96GB of RAM is being created on the cluster.

How should the administrator configure the VM to assure optimal performance?

- A. With an affinity policy
- B. With memory overcommit
- C. With 2 vNUMA nodes
- D. With Flash Mode enabled

Correct Answer: C

Explanation: The best way to configure the VM for optimal performance is to set it up with 2 vNUMA nodes. This will ensure that the VM is configured to take advantage of the CPU and memory resources available in each node, and it will also ensure that all of the cores are utilized for the best performance. Additionally, the administrator should ensure that the VM has an affinity policy set up so that the vCPUs are evenly distributed across the four nodes. Finally, Flash Mode should be enabled in order to take advantage of the high- performance SSDs that are available in the cluster

QUESTION 2

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 3

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

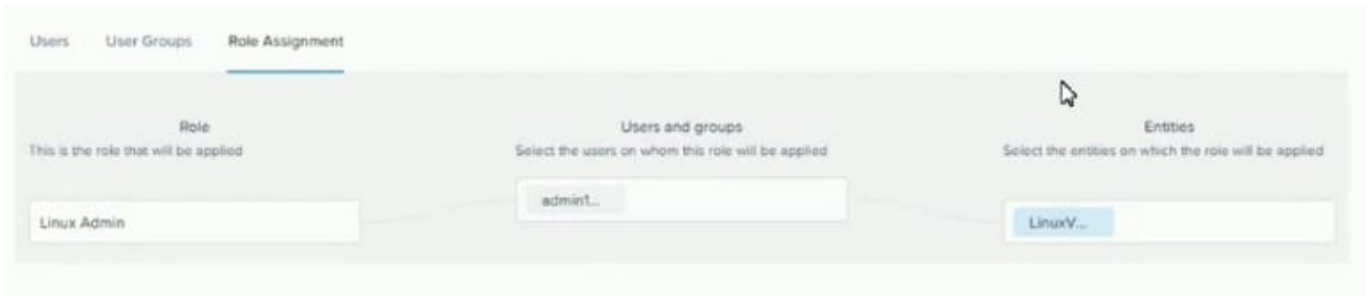
optimized virtual machine sizes offer the best performance for SQL Server workloads on Azure VMs. Adding more RAM to the user VM can help reduce paging and improve query execution times.

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 4

Refer to the exhibit.



The Linux Admin role has been created to manage only Linux VMs in the environment. However, the Admin1 user does not have access to all Linux VMs.

What step should be taken to grant the proper access?

- A. Add the hosts to the entities KM for the role.
- B. Grant the admin1 user the viewer role (or the cluster.
- C. Add the role to the Linux images.
- D. Add the proper category to each Linux VM.

Correct Answer: A

QUESTION 5

An administrator has been asked to enable block awareness and increase the fault tolerance to FT2 on a Nutanix AHV cluster with the following configuration:

Four blocks

One node per block

Will the administrator be able to accomplish these tasks?

- A. No-Fault tolerance changes are not supported.
- B. Yes-FT2 requires a minimum of three nodes.
- C. Yes-Block awareness requires a minimum of three blocks.
- D. No-FT2 requires a minimum of five nodes.

Correct Answer: D

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