NCP-MCI-6.5^{Q&As}

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

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QUESTION 1

An administrator needs to configure a new subnet on an AHV cluster and want to ensure that VMs will automatically be assigned an IP address at creation time. Which type of network does the administrator need to create?

A. Dynamic Network

B. Unmanaged Network

C. Managed Network

D. DHCP Network

Correct Answer: C

QUESTION 2

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

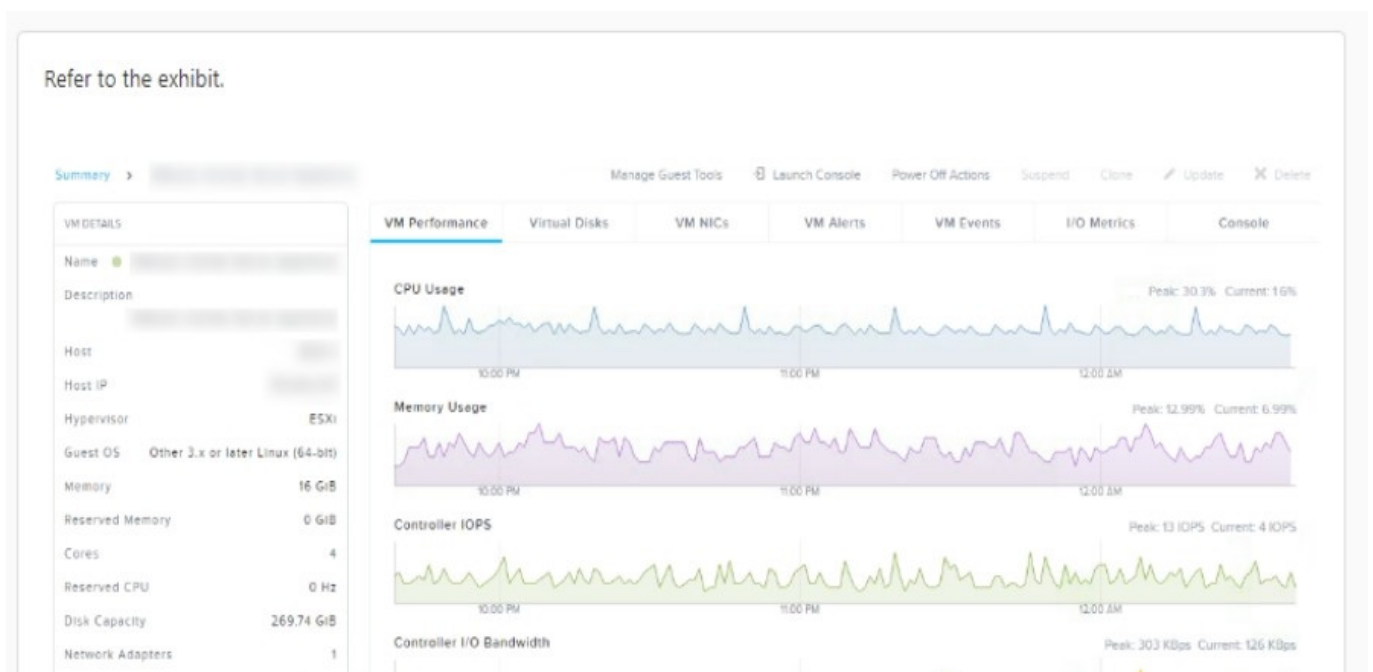At which two instances does the address release back to the pool? (Choose two)

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 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.

Refer to the exhibit.

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 ere 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

Which scenario would benefit most from Erasure Coding being enabled on a container?

A. Long term storage of data which is written once and read infrequently

B. High performance database where all is relatively hot.

C. VDI use cases where a single VM is cloned 100\\'s of times

D. WEB and API Servers

Correct Answer: A

QUESTION 5

An administrator wants to expand the Failure Domain level of a cluster.

What two options are available? (Choose two.)

A. Node

B. Data Center

C. Block

D. Rack

Correct Answer: CD

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