NCM-MCI-5.15 Q&As

Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) 5.15

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QUESTION 1

A customer has a Nutanix cluster with 10Gb connectivity via switch fabric extenders. The administrator receives NCC health check errors of latency greater than 200ms. Which action should the administrator take to resolve the NCC errors?

A. Replace the switch fabric extenders with 10G line rate switches

B. Upgrade NCC and increase the CVM memory by 4Gb

C. Add 2 additional 10G uplinks from the switch fabric extenders per node

D. Upgrade NCC and increase the vCPU of the CVM

Correct Answer: A

Explanation: Ref: https://portal.nutanix.com/page/documents/details?targetId=System- Specs-G6-Single-Node:set-block-connect-c.html

- Nutanix does not recommend the use of Fabric Extenders (FEX) or similar technologies for production use cases. While initial, low-load implementations might run smoothly with such technologies, poor performance, VM lockups, and other issues might occur as implementations scale upward (see Knowledge Base article KB1612). Nutanix recommends the use of 10Gbps, line-rate, non-blocking switches with larger buffers for production workloads.

QUESTION 2

An administrator needs to replace an aging SAN and move to a hyper-converged infrastructure. The existing environment consists of the following hosts that are connected to the SAN:

5xAIX hosts 3x Hyper-V hosts 9xESXi hosts 2x physical SQL Clusters (Windows Server 2012R2 hosts)

After deploying a Nutanix AHV cluster, which two actions should the administrator take to meet the requirements? (Choose two.)

A. Deploy Volumes to support the AIX and SQL workloads.

B. Migrate the ESXI workloads to AHV using Move.

C. Deploy Files to support the AIX hosts.

D. Migrate the ESXi and Hyper-V workloads using Move.

Correct Answer: AD

Explanation: Ref: https://portal.nutanix.com/#page/kbs/details?targetId=kA00e000000Cr7GCAS

QUESTION 3

An administrator is planning to deploy a Nutanix cluster to support a few high-performance VMs. This deployment will have the following considerations:

Individual VMs will likely generate network throughputs in the range of 90-100Mbps Due to the configuration of the VMs, it is unlikely that a node will host more than one or two of them at a time Individual VMs will communicate with only a

few (one or two) remote hosts at a time Multicast will not be used in the environment The hosts are connected via two 1GbE network connections

How should the administrator configure the network bonds to meet this requirement while maintaining the simplest switch configuration?

A. Configure bond0 as balance-sib

B. Configure bond0 as active-backup

C. Configure bond0 as balance-tcp

D. Configure bond0 as balance-lacp

Correct Answer: A

Explanation: Ref:

https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top_ahv_networking_best_practices.html

QUESTION 4

An administrator needs to expand a cluster based on AHV and running on Nutanix G5 hardware with a new Nutanix G7 system. The cluster is running AOS 5.10 but the operation fails when expanding the cluster. AOS is running on the new system. There are no issues discovering the node.

Why is the operation failing?

A. AOS version running on G7 is older than the version on the cluster.

B. Foundation software has not been updated on the cluster.

C. G7 hardware cannot be added to a G5 cluster.

D. EVC needs to be configured before cluster expansion

Correct Answer: A

Explanation: Ref: https://next.nutanix.com/installation-configuration-23/product-mixing- restrictions-37231

QUESTION 5

A customer wants to run SAP HANA on a Nutanix cluster with the following characteristics:

AHV nodes SAP HANA version 2 Production database files

Which configuration should be recommended to the customer?

A. Start with a cluster containing three or more nodes

B. Enable only compression for the container that contains the Production database

C. Do not enable compression, deduplication. or erasure coding on the storage container

D. Plate the SAP HANA Database on the same socket as CVM

Correct Answer: C

Explanation: Ref:

SAP HANA on Nutanix

- Don't configure storage saving functionalities such as compression, deduplication, or erasure coding (EC-X) on a storage container that holds production database files.