



# NCP-MCI-6.5<sup>Q&As</sup>

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

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### QUESTION 1

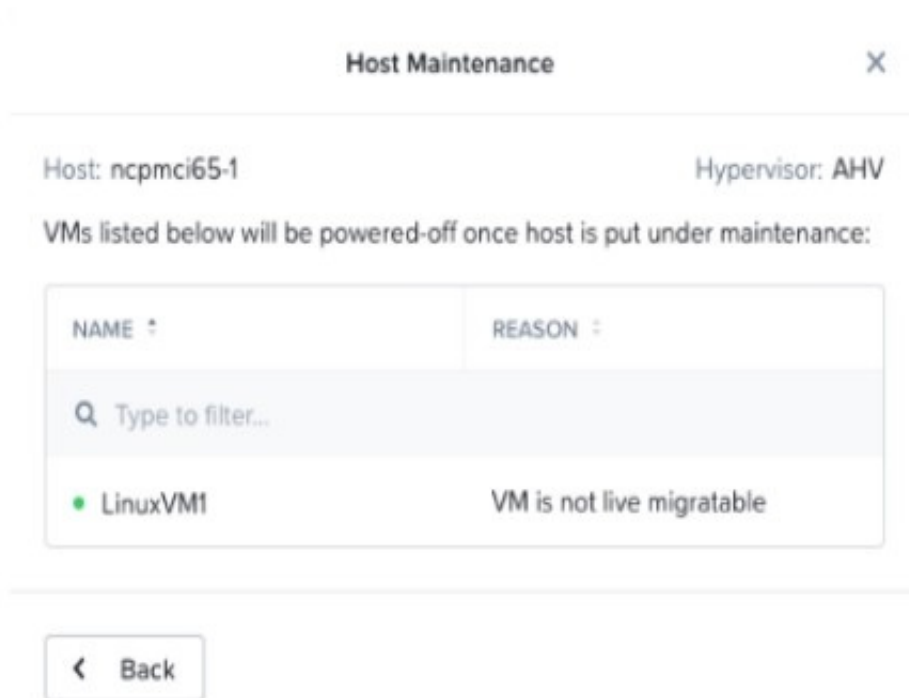
An administrator wants to have a VM on an AHV cluster with access to multiple VLANs. What is the most efficient way to achieve this?

- A. Update a vNIC on the VM to operate in trunked mode for all desired VLANs.
- B. Create a network in AHV associated with all those VLANs on all hosts.
- C. Use SFPs that allow the needed VLANs.
- D. Use one vNIC per VLAN for the VM.

Correct Answer: A

### QUESTION 2

Refer to Exhibit:



An administrator is trying to put a node into maintenance mode but receives the message shown in the exhibit. What is a potential reason for this dialog?

- A. LinuxVM1 uses a vDisks stored in a RFI Datastore
- B. LinuxVM1 uses a Volume Group



- C. LinuxVM1 uses a virtual GPU.
- D. LinuxVM1 uses e vDisks stored in a RF3 Datastore

Correct Answer: A

Explanation: According to the Nutanix Community<sup>1</sup>, host maintenance mode is used to safely migrate all the user virtual machines (VMs) in the host and make sure no VMs are running on the node. If a VM can't be migrated to another host,

you need to shut down the VM for the host to enter into maintenance mode.

According to The Virtualist<sup>2</sup>, a storage container is a logical segmentation of a storage pool that can be mounted as an NFS datastore on ESXi hosts. You can choose a replication factor (RF) for each storage container, which determines how

many copies of data are stored across different nodes.

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### QUESTION 3

An administrator has a Custom backup application that requires a 2TB disk and runs on Windows. Throughput is considerably lower than expected.

The application was installed on a VM with the following configuration:

FOU vCPUs with one core/vCPU 4GB of Memory One 50GB vDisk for the Windows installation One 2TB vDisk for the application

What is the recommended configuration change to improve throughput?

- A. Add 4GB of memory to the VM
- B. Increase the vCPUs assigned to the VM
- C. Span the 2TB disk across four vDisks
- D. Increase the number of cores per vCPU

Correct Answer: D

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### QUESTION 4

An administrator receives complaints of poor performance in a particular VM.

Based on the VM performance metric, what is the most likely cause of this behavior?

- A. Oplog is full cannot serve IO request from this VM.
- B. The host's CPU is severely overloaded.
- C. SSD tier is not big enough to serve workloads' IOPS demand.



D. The VM needs more vCPUs

Correct Answer: C

Explanation: one of the key metrics to consider for VM performance is IOPS (Input/Output Operations Per Second), which is a measure of the number of input/output requests a device processes per second<sup>3</sup>. Another metric is throughput, which is a measure of how much data a device transfers per second<sup>3</sup>.

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#### QUESTION 5

What is most likely the cause of this issue?

- A. There is a firewall rule blocking VLAN512 traffic
- B. VLAN512 is a reserved VLAN ID, and not usable for guest VMs.
- C. The VLAN was not created on the upstream switches.
- D. The administrator did not created the VLAN on all hosts

Correct Answer: C

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