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QUESTION 1

An administrator migrates a VM onto a new Nutanix cluster. After the migration, the administrator observes the following conditions:

1.

Cluster memory utilization: 64%

2.

Cluster CPU utilization: 19%

3.

Cluster storage utilization: 32%

4.

Average VM CPU utilization: 25%

5.

Average VM CPU ready%: 24%

6.

Average VM memory utilization: 60%

Which two changes should the administrator make to improve VM performance? (Choose two.)

A. Add more memory to the VMs.

B. Reduce the number of vCPUs assigned to VMs.

C. Replace high core count CPUs with high clock rate CPUs. (also can be but is physical invas)

D. Reduce the number of VMs on the hosts.

Correct Answer: BD

ref http://www.joshodgers.com/tag/cpu-ready/

QUESTION 2

An administrator is monitoring the Nutanix v5.15-based AOS cluster performance logs and notices that a SQL server VM is greatly exceeding its intended maximum IOPS. The administrator has confirmed that a QoS policy was previously created for the group of VMs this server is a member of.

What are two reasons that this VM would exceed its maximum configured IOPS from the QoS Policy? (Choose two.)

A. The VM is missing the required snapshot needed to implement the QoS Policy.

B. The VM was not created as an AFS virtual machine.

C. The SQL Server VM has volume groups attached.

D. It was cloned from another SQL Server VM that was a member of the QoS Policy.

Correct Answer: BC

Ref: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v5_18:mul-storage-qos-pc-c.html

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QUESTION 3

An administrator is notified that a bare metal database server is down. This database server is being served storage using a Nutanix Volume Group. Upon investigating, the administrator finds that the disks in the database server that map to the vDisks in the volume group have gone offline.

What is causing this issue?

A. The Volume Group Load Balancer has been disabled.

B. Port 9443 is blocked in the server firewall.

C. Port 3260 has been blocked in the server firewall.

D. A CVM serving the Volume Group has gone offline.

Correct Answer: D

QUESTION 4

Over the period of 2 to 3 weeks, a cluster displays the following:

1.

Periods where Warning Alerts of memory usage over 75% are asserted

2.

Periods where Critical Warnings of memory usage over 90% are asserted

3.

Periods of slow of frozen VDI desktops have caused work stoppage or slowdown

4.

VDI clones have periodically not powered up when called, causing work stoppage Which steps should be used to prioritize the administrator\'s troubleshooting efforts?

A. 1. Assess resource health on Hardware page

2.

Review the Analysis page for memory usage demand

3.

Determine the VDI workload-to-host affinity across the cluster

B. 1. Analyze Alert Pages for a root cause of memory problem

2.

Analyze VM table page to access the VM functionality

3.

Analyze the VDI Clone properties for possible VDI Workload stress

C. 1. Check Analysis page for CPU demand

2.

Verify VDI workload property for memory subscription

3.

Review the Hardware page to determine if the cluster has sufficient RAM

D. 1. Review Analysis Page for memory use pattern

2.

Alert with VDI workload demand

3.

Analyze current and future workload in the Capacity Runaway tab for sufficient resources

Correct Answer: D

QUESTION 5

An administrator is currently using both 10g uplink with LACP and balance-tcp. A single VM should not be allowed to use more than a single 10G uplink, and both uplinks should be utilized. Which two command should be used to configure the bond? (choose two)

A. Ovs-vsctl set port br0-up bond_mode=balance-slb

B. Ovs-vsctl set port br0-up bond_mode=balance-tcp

C. Ovs-vsctl set port br0-up bond_mode=active-backup

D. Ovs-vsctl set port br0-up other_config: bond-rebalance-interval=30000

Correct Answer: AD