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QUESTION 1

An administrator needs to make sure an RF3 cluster can survive a failure of two complete racks without negatively affecting performance. The current cluster configuration consists of the following:

1.

30 All Flash Nodes: distributed 10 nodes per rack across three 42U racks

2.

Each node is configured with 20TB usable storage all flash (Cluster Total 600TB Usable)

3.

Current cluster utilization is 500TB storage

4.

Storage containers have Erasure Coding enabled

Which configuration changes should be made to make sure the cluster meets the requirements?

A. Expand the cluster to 50 nodes distributed evenly across 5 racks

B. Expand the cluster to 48 nodes distributed evenly across 6 racks

C. Expand the cluster to 60 nodes distributed evenly across 6 racks

D. Expand the cluster to 40 nodes distributed evenly across 5 racks

Correct Answer: C

Ref: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_17:arc-configure-fault-tolerance-rack-prism-c.html

QUESTION 2

An administrator receives an error indicating that the CVMs in the cluster are not syncing to any NTP servers. An investigation of the issue finds:

1.

The NTP servers are configured in Prism

2.

The time on all CVMs is the same

3.

Both the CVMs and AHV hosts are configured for the UTC time zone Which two steps can be taken to troubleshoot this issue? (Choose two.)



- A. Confirm that the NTP servers are reachable from the CVMs.
- B. Restart genesis on all CVMs.
- C. On a CVM. run the command a Hash ntpq-pn.
- D. Restart the chronos service on all CVMs.

Correct Answer: AC

Ref:

https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000bmjeCAA#R_eview_ntpq

QUESTION 3

For several days, an administrator notices the following alerts:

1.

CVM NIC Speed Low Warning Alerts

2.

Warning Alerts of CVM NIC not performing at optimal speed

3.

CVM is disconnected from the network Critical Alert

4.

Network Visualization page shows excessive dropped packets on CVM/Host

Which steps should be taken to determine which problem should be addressed first?

A. 1. Access the Hardware Page to verify resources are available

2.

Analyze all CVM Speed Alerts in the Alerts/Events page

3.

Analyze output for the network and interface properties and connectivity issues

B. 1. Verify Host/CVM connectivity on the Network Visualization page

2.

Use to verify the bridge and bond configuration

3.

Review alerts/events page for the CVM disconnected error



C. 1. Review Alerts page for NIC speed alerts and alert timing

2.

Analyze the genesis.out log file for process failures

3.

Assess the NIC properties in the Network Visualization>; Host Properties page

D. 1. Restart networking services on the CVM

2.

Determine the current configuration of the affected CVM via output

3.

Access the Alerts/Events page for the CVM network connection failures

Correct Answer: B

Ref: <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000CuaDCAS>

QUESTION 4

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

QUESTION 5

An administrator is deploying an application using Nutanix Volumes. After configuring the volume group and connecting the guest's iSCSI initiator to the volume group, they begin performance testing.

The administrator learns that performance on the virtual disk attached to the iSCSI initiator is far less than that of a virtual disk connected directly to the VM.



Which situation is causing this condition?

- A. The VM's iSCSI traffic is being routed to the data services IP subnet
- B. The performance test is generating small block random IO.
- C. The cluster data services IP address is a bottleneck, shared with other iSCSI traffic
- D. Data Locality ensures that VM attached disks are always faster than iSCSI volumes.

Correct Answer: C

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