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<https://www.virtulearner.com>
support@virtulearner.com

Nutanix

NCP-MCI-6.10

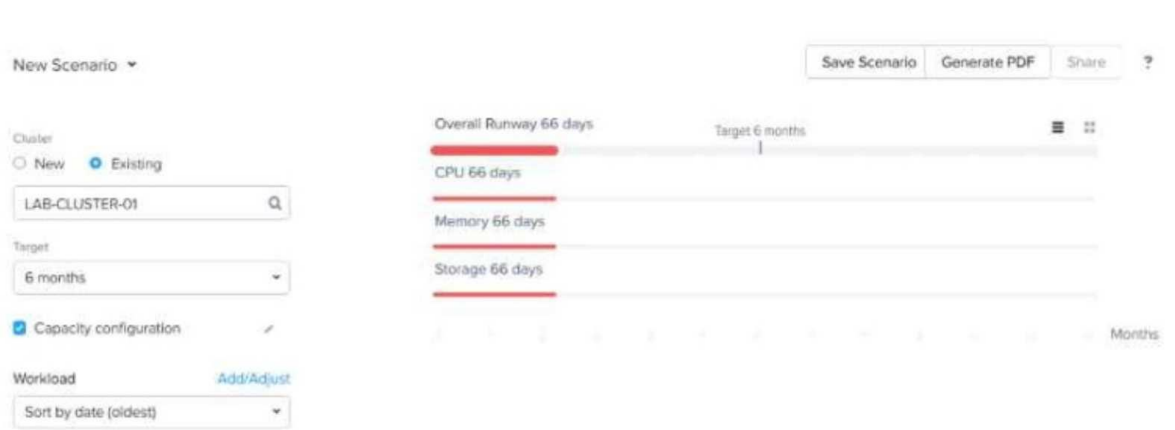
Nutanix Certified

Professional - Multicloud

Infrastructure v6.10

QUESTION: 1

The customer expects to maintain a cluster runway of 9 months. The customer doesn't have a budget for 6 months but they want to add new workloads to the existing cluster.



Based on the exhibit, what is required to meet the customer's budgetary timeframe?

- A. Add resources to the cluster.
- B. Postpone the start of new workloads.
- C. Delete workloads running on the cluster.
- D. Change the target to 9 months.

Answer(s): A

Explanation:

The exhibit shows that the overall runway is only 66 days, meaning that the current cluster does not have enough capacity to sustain workloads for 6 months, let alone 9 months. The best solution is to add resources to the cluster (Option A), such as CPU, memory, or storage, to extend the runway.

Postponing new workloads (Option B) may help in the short term but does not align with the business need to continue adding workloads.

Deleting workloads (Option C) is not a viable option because the customer wants to add more, not remove them.

Changing the target to 9 months (Option D) does not change the actual resource constraints; it only alters the target timeframe.

Reference:

Nutanix Prism Central Capacity Planning and Runway Analysis Nutanix Bible Cluster Resource Management and Scaling Nutanix Support KB How to Extend Cluster Runway with Resource Scaling

QUESTION: 2

An administrator is trying to configure Metro Availability between Nutanix ESXi-based clusters. However, the Compatible Remote Sites screen does not list all required storage containers. Which two reasons could be a cause for this issue? (Choose two.)

- A. Source and destination hardware are from different vendors.
- B. The remote site storage container has compression enabled.
- C. The destination storage container is not empty.
- D. Both storage containers must have the same name.

Answer(s): C, D

Explanation:

For Metro Availability to work properly, the storage containers at both the primary and secondary sites must meet certain requirements:

The storage containers must have the same name (Option D). This ensures that replication and failover work seamlessly. If the names do not match, the storage containers will not be listed as compatible.

The destination storage container must be empty (Option C). Metro Availability requires a clean storage container at the secondary site to receive data. If the container already contains data, it cannot be used.

Option A is incorrect: Different vendor hardware does not affect Metro Availability compatibility.

Option B is incorrect: Compression does not affect Metro Availability compatibility. However, it is recommended to keep compression settings aligned between sites.

Reference:

Nutanix Documentation: Metro Availability Deployment Guide

Nutanix Best Practices for Metro Availability

Nutanix KB 2093: Troubleshooting Metro Availability Storage Container Issues

QUESTION: 3

An administrator receives complaints about VM performance.