NCP-US^{Q&As}

Nutanix Certified Professional – Unified Storage (NCP-US) v6 exam

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QUESTION 1

An administrator is tasked with deploying a Microsoft Server Failover Cluster for a critical application that uses shared storage.

The failover cluster instance will consist of VMs running on an AHV-hosted cluster and bare metal servers for maximum resiliency.

What should the administrator do to satisfy this requirement?

A. Create a Bucket with Objects.

B. Provision a Volume Group with Volume.

C. Create an SMB Share with Files.

D. Provision a new Storage Container.

Correct Answer: B

Explanation: Nutanix Volumes allows administrators to provision a volume group with one or more volumes that can be attached to multiple VMs or physical servers via iSCSI. This enables the creation of a Microsoft Server Failover Cluster that uses shared storage for a critical application. The volume group can be attached to VMs running on an AHV-hosted cluster and bare metal servers for maximum resiliency1. References: Nutanix Volumes Administration Guide1

QUESTION 2

An administrator is tasked with performing an upgrade to the latest Objects version.

What should the administrator do prior to upgrade Objects Manager?

A. Upgrade Lifecycle Manager

B. Upgrade MSP

C. Upgrade Objects service

D. Upgrade AOS

Correct Answer: D

Explanation: Before upgrading Objects Manager, the administrator must upgrade AOS to the latest version. AOS is the core operating system that runs on each node in a Nutanix cluster and provides the foundation for Objects Manager and Objects service. Upgrading AOS will ensure compatibility and stability for Objects components. References: Nutanix Objects Administration Guide, Acropolis Operating System Upgrade Guide

QUESTION 3

An administrator is required to place all iSCSI traffic on an isolated network.

How can the administrator meet this requirement?

A. Create a new network interface on the CVMs via ncli.

B. Create a Volumes network in Prism Central.

C. Configure network segmentation for Volumes.

D. Configure the Data Services IP on an isolated network.

Correct Answer: C

Explanation: The administrator can meet this requirement by configuring network segmentation for Volumes. Network segmentation is a feature that allows administrators to isolate network traffic for different types of services, such as Volumes, Files, or Objects, on a Nutanix cluster. Network segmentation can improve the security, performance, and manageability of network traffic. By configuring network segmentation for Volumes, the administrator can place all iSCSI traffic on an isolated network and prevent it from interfering with other services or applications. References: Nutanix Volumes Administration Guide, page 15; Nutanix Volumes Solution Guide, page 7

QUESTION 4

Which user is authorized to deploy File Analytics?

A. Prism Central administrator

B. AD user mapped to a Prism admin role

C. Prism Element administrator

D. AD user mapped to a Cluster admin role

Correct Answer: A

Explanation: The user that is authorized to deploy File Analytics is Prism Central administrator. Prism Central is a web-based user interface that allows administrators to manage multiple Nutanix clusters and services, including Files and File Analytics. Prism Central administrator is a user role that has full access and control over all Prism Central features and functions. To deploy File Analytics, the user must log in to Prism Central as a Prism Central administrator and follow the steps in the File Analytics Deployment wizard. References: Nutanix Files Administration Guide, page 93; Nutanix File Analytics Deployment Guide

QUESTION 5

An administrator has performed an AOS upgrade, but noticed that the compression on containers is not happening.

What is the delay before compression begins on the Files container?

A. 30 minutes

B. 60 minutes

C. 12 hours

D. 24 hours

Correct Answer: C

Explanation: The delay before compression begins on the Files container is 12 hours. Compression is a feature that reduces the storage space required for data by applying an algorithm that eliminates redundant or unnecessary bits. Compression can improve the storage efficiency and performance of Files. Compression is enabled by default on the Files container and runs in the background as a low-priority task. Compression does not start immediately after an AOS upgrade, but waits for 12 hours to avoid interfering with other high-priority tasks or operations. References: Nutanix Files Administration Guide, page 24; Nutanix Files Solution Guide, page 10

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