



NCP-US-6.5^{Q&As}

Nutanix Certified Professional - Unified Storage (NCP-US) v6.5

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QUESTION 1

What best describes the data protection illustrated in the exhibit?

- A. Smart DR
- B. Metro Availability
- C. Availability Zones
- D. NearSync

Correct Answer: A

Explanation: The data protection illustrated in the exhibit is Smart DR. Smart DR is a feature that allows share-level replication between active file server instances for disaster recovery. Smart DR can replicate shares from a primary FSI to one or more recovery FSIs on different clusters or sites. Smart DR can also perform failover and failback operations in case of a disaster or planned maintenance. The exhibit shows a Smart DR configuration with one primary FSI and two recovery FSIs. References: Nutanix Files Administration Guide, page 79; Nutanix Files Solution Guide, page 9

QUESTION 2

An administrator has discovered that File server services are down on a cluster.

Which service should the administrator investigate for this issue?

- A. Minerva-nvm
- B. Sys_stats_server
- C. Cassandra
- D. Insights_collector

Correct Answer: A

Explanation: The service that the administrator should investigate for this issue is Minerva-nvm. Minerva-nvm is a service that runs on each CVM and provides communication between Prism Central and Files services. Minerva-nvm also monitors the health of Files services and reports any failures or alerts to Prism Central. If Minerva-nvm is down on any CVM, it can affect the availability and functionality of Files services on that cluster. References: Nutanix Files Administration Guide, page 23; Nutanix Files Troubleshooting Guide

QUESTION 3

A healthcare administrator configure a Nutanix cluster with the following requirements:

Enable for long-term data retention of large files Data should be kept for two years Deletion or overwrite of the data must not be allowed

Which Nutanix-enabled technology should the administrator employ to satisfy these requirements?



- A. Files-Connected share
- B. Files-Read-only share
- C. Objects-WORM with versioning
- D. Objects-Life Cycle Policy

Correct Answer: C

Explanation: The Nutanix-enabled technology that meets these requirements is Objects -WORM with versioning. WORM (Write-Once Read-Many) is a feature that prevents anyone from modifying or deleting data in a bucket while the policy is active. WORM policies help comply with strict data retention regulations that mandate how long specific data must be stored. Versioning is a feature that keeps multiple versions of an object in a bucket whenever it is overwritten or deleted. Versioning policies help preserve previous versions of an object for backup or recovery purposes. By enabling WORM and versioning for an Objects bucket, the administrator can ensure that data is kept for two years without being deleted or overwritten. References: Nutanix Objects User Guide, page 17; Nutanix Objects Solution Guide, page 9

QUESTION 4

An administrator has been asked to confirm the ability of a physical windows Server 2019 host to boot from storage on a Nutanix AOS cluster.

Which statement is true regarding this confirmation by the administrator?

- A. Physical servers may boot from an object bucket from the data services IP and MPIO is required.
- B. Physical servers may boot from a volume group from the data services IP and MPIO is not required.
- C. Physical servers may boot from a volume group from the data services IP and MPIO is
- D. Physical servers may boot from an object bucket from the data services IP address and MPIO is not required.

Correct Answer: C

Explanation: Nutanix Volumes allows physical servers to boot from a volume group that is exposed as an iSCSI target from the data services IP. To ensure high availability and load balancing, multipath I/O (MPIO) is required on the physical server. Object buckets cannot be used for booting physical servers¹. References: Nutanix Volumes Administration Guide¹

QUESTION 5

A company uses Linux and Windows workstations. The administrator is evaluating solution for their file storage needs.

The solution should support these requirements:

Distributed File System Active Directory integrated Scale out architecture

Which of following answer is correct?

- A. Mine
- B. Objects



C. Volumes

D. Files

Correct Answer: D

Explanation: The solution that meets the company's requirements for their file storage needs is Files. Files is a feature that allows users to create and manage file server instances (FSIs) on a Nutanix cluster. FSIs can provide SMB and NFS access to file shares and exports for different types of clients. Files supports these requirements: Distributed File System: Files uses a distributed file system that spans across multiple FSVMs (File Server VMs), which improves scalability, performance, and availability. Active Directory integrated: Files can integrate with Active Directory for authentication and authorization of SMB clients and multiprotocol NFS clients. Scale out architecture: Files can scale out by adding more FSVMs to an existing FSI or creating new FSIs on the same or different clusters. References: Nutanix Files Administration Guide, page 27; Nutanix Files Solution Guide, page 6

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