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QUESTION 1

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

Which service should the administrator investigation 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 2

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 3

An administrator is trying to create a Distributed Share, but the Use Distributed Share/Export type instead of Standard option is not present when creating the share.

What is most likely the cause for this?

A. The file server does not have the correct license

B. The cluster only has three nodes.

C. The file server resides on a single node cluster.

D. The cluster is configured with hybrid storage

Correct Answer: C

Explanation: The most likely cause for this issue is that the file server resides on a single node cluster. A distributed share is a type of SMB share or NFS export that distributes the hosting of top-level directories across multiple FSVMs, which improves load balancing and performance. A distributed share cannot be created on a single node cluster, because there is only one FSVM available. A distributed share requires at least two nodes in the cluster to distribute the directories. Therefore, the option to use distributed share/export type instead of standard is not present when creating a share on a single node cluster. References: Nutanix Files Administration Guide, page 33; Nutanix Files Solution Guide, page 8

QUESTION 4

How can an administrator deploy a new instance of Files?

A. From LCM in Prism Central.

B. From LCM in Prism Element.

C. From the Storage view in Prism Element.

D. From the Files Console view in Prism Central.

Correct Answer: D

Explanation: The Files Console view in Prism Central is the primary interface for deploying and managing Files clusters. Administrators can use the Files Console to create a new instance of Files by providing the required information, such as cluster name, network configuration, storage capacity, and license key. References: Nutanix Files Administration Guide

QUESTION 5

An administrator successfully installed Objects and was able to create a bucket.

When using the reference URL to access this Objects store, the administrator is unable to write data in the bucket when using an Action Directory account.

Which action should the administrator take to resolve this issue?

A. Verify sharing policies at the bucket level.

B. Reset the Active Directory user password.

C. Replace SSL Certificates at the Object store level.

D. Verify Access Keys for the user.

Correct Answer: D

Explanation: The action that the administrator should take to resolve this issue is to verify Access Keys for the user. Access Keys are credentials that allow users to access Objects buckets using S3-compatible APIs or tools. Access Keys consist of an Access Key ID and a Secret Access Key, which are used to authenticate and authorize requests to Objects. If the user is unable to write data in the bucket using an Active Directory account, it may be because the user does not have valid Access Keys or the Access Keys do not have sufficient permissions. The administrator can verify and manage Access Keys for the user in Prism Central. References: Nutanix Objects User Guide, page 13; Nutanix Objects Solution Guide, page 8

QUESTION 6

Which Data Lens feature maximizes the available file server space by moving cold data from the file server to an object store?

A. Backup

B. Versioning

C. Smart Tier

D. Smart DR

Correct Answer: C

Explanation: The Data Lens feature that maximizes the available file server space by moving cold data from the file server to an object store is Smart Tier. Smart Tier is a feature that allows administrators to tier data from Files to cloud storage based on file age, file size, and file type. Smart Tier can help reduce the storage cost and optimize the performance of Files. Smart Tier can move cold data, which is data that has not been accessed or modified for a long time, from the file server to an object store, such as AWS Standard or Azure Blob, and free up the file server space for hot data, which is data that is frequently accessed or modified. References: Nutanix Files Administration Guide, page 99; Nutanix Files Solution Guide, page 11

QUESTION 7

What is the primary criteria that should be considered for performance-sensitive application shares with sequential.1/O?

A. IOPS

B. Connections

C. Block Size

D. Throughput

Correct Answer: D

Explanation: The primary criteria that should be considered for performance-sensitive application shares with sequential I/O is throughput. Throughput is a measure of how much data can be transferred or processed in a given time period.

Throughput is usually expressed in megabytes per second (MB/s) or gigabytes per second (GB/s). Sequential I/O is a type of I/O pattern where data is read or written in a sequential order, such as streaming media, backup, or archive applications. Sequential I/O typically requires high throughput to transfer large amounts of data quickly and efficiently. References: Nutanix Files Administration Guide, page 25; Nutanix Files Solution Guide, page 10

QUESTION 8

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 9

Before upgrading Files or creating a file server, which component must first be upgraded to a compatible version?

A. FSM

B. File Analytics

C. Prism Central

D. FSVM

Correct Answer: C

Explanation: The component that must first be upgraded to a compatible version before upgrading Files or creating a file server is Prism Central. Prism Central is a web-based user interface that allows administrators to manage multiple Nutanix clusters and services, including Files. Prism Central must be upgraded to a compatible version with Files before upgrading an existing file server or creating a new file server. Otherwise, the upgrade or creation process may fail or cause unexpected errors. References: Nutanix Files Administration Guide, page 21; Nutanix Files Upgrade Guide

QUESTION 10

An administrator created a bucket for an upcoming project where internal users as well as an outside consultant .... Object Browser. The administrator needs to provide both internal and consultant access to the same bucket.

The organization would like to prevent internal access to the consultant, based on their security policy.

Which two items are requires to fulfill this requirement? (Choose two.)

A. Configure Directory Services under the Access Keys section

B. Generate access keys based on directory and email-based users.

C. Install third-party software for bucket access to all users.

D. Generate access keys using third-party software.

Correct Answer: AB

Explanation: Nutanix Objects supports directory services integration, which allows administrators to configure access keys based on directory and email-based users. This enables granular access control and security for buckets and objects. The administrator can configure directory services under the Access Keys section in Prism Central, and then generate access keys for internal users from the directory service and for the consultant from an email address2. References: Nutanix Objects Administration Guide2

QUESTION 11

The Administrator needs to review the following graphs, as displayed in the exhibit.

*

 Storage Used

*

 Open Connections

*

 Number of Files

*

 Top Shares by Current Capacity

*

 Top Shares by current Connections

Where should the administrator complete this action?

A. Files Console Share View

B. Files Console Data Management View

C. Files Console Monitoring View

D. Files Console Dashboard View

Correct Answer: D

Explanation: The Files Console Dashboard View provides an overview of the Files cluster performance and usage, including the following graphs:

Storage Used: Shows the total storage used by the Files cluster, including data, metadata, and snapshots.

Open Connections: Shows the number of active SMB and NFS connections to the Files cluster.

Number of Files: Shows the number of files stored in the Files cluster, excluding snapshots.

Top Shares by Current Capacity: Shows the top five shares by current capacity usage in the Files cluster.

Top Shares by Current Connections: Shows the top five shares by current connection count in the Files cluster2.
References: Nutanix Files Administration Guide2

QUESTION 12

An administrator is able to review and modify objects in a registered ESXI cluster from a PE instance, but when the administrator attempts to deploy an Objects cluster to the same ESXi cluster, the error that is shown in the exhibit is shown. What is the appropriate configuration to verify to allow successful Objects cluster deployment to this ESXi cluster?

A. Ensure that vCenter in PE cluster is registered using FQDN and that vCenter details in Objects UI are using FQDN.

B. Replace the expired self-signed SSL certificate for the Object Store with a non-expired \\' signed by a valid Certificate Authority.

C. Replace the expired self-signed SSL certificate for the Object Store with a non-expired self signed SSL certificate.

D. Ensure that vCenter in PE cluster is registered using FQDN and that vCenter details in Objects UI are using IP address.

Correct Answer: A

Explanation: The appropriate configuration to verify to allow successful Objects cluster deployment to this ESXi cluster is to ensure that vCenter in PE cluster is registered using FQDN (Fully Qualified Domain Name) and that vCenter details in Objects UI are using FQDN. FQDN is a domain name that specifies the exact location of a host in the domain hierarchy. For example, esxi01.nutanix.com is an FQDN for an ESXi host. Using FQDN instead of IP addresses can avoid certificate validation errors when deploying Objects clusters to ESXi clusters. References: Nutanix Objects User Guide, page 9; Nutanix Objects Troubleshooting Guide, page 5

QUESTION 13

An administrator is tasked with creating an Objects store with the following settings:

Medium Performance (around 10,000 requests per second) 10 TiB capacity Versioning disabled Hosted on an AHV

cluster

immediately after creation, the administrator is asked to change the name of Objects store

Who will the administrator achieve this request?

A. Enable versioning and then rename the Object store, disable versioning

B. The Objects store can only be renamed if hosted on ESXI.

C. Delete and recreate a new Objects store with the updated name

Correct Answer: C

Explanation: The administrator can achieve this request by deleting and recreating a new Objects store with the updated name. Objects is a feature that allows users to create and manage object storage clusters on a Nutanix cluster. Objects clusters can provide S3- compatible access to buckets and objects for various applications and users. Objects clusters can be created and configured in Prism Central. However, once an Objects cluster is created, its name cannot be changed or edited. Therefore, the only way to change the name of an Objects cluster is to delete the existing cluster and create a new cluster with the updated name. References: Nutanix Objects User Guide, page 9; Nutanix Objects Solution Guide, page 8

QUESTION 14

What are two network requirements for a four-node FSVM deployment? (Choose two.)

A. Four available IP addresses on the Storage network

B. Five available IP addresses on the Client network

C. Five available IP addresses on the Storage network

D. Four available IP addresses on the Client network

Correct Answer: BC

Explanation: The two network requirements for a four-node FSVM deployment are five available IP addresses on the Client network and five available IP addresses on the Storage network. The Client network is used for communication between the FSVMs and the clients, while the Storage network is used for communication between the FSVMs and the CVMs. For each FSVM, one Client IP and one Storage IP are required. Additionally, one extra Client IP is required for the file server VIP (Virtual IP), which is used as a single point of access for all shares and exports on the file server. References: Nutanix Files Administration Guide, page 28; Nutanix Files Solution Guide, page 7

QUESTION 15

An administrator has created a volume and needs to attach it to a windows host a via iSCSI. The data Services IP has been configured in the MS iSCSI Initiator, but no target are visible.

What is most likely the cause this issue?

A. The host\\' s IP address is not authorized to access the volume.

B. The CHAP password configured on the client is incorrect.

C. The CHAP Authentication has not been configured on the client.

D. The host\\'s IQN is not authorized to access to the volume.

Correct Answer: D

Explanation: Nutanix Volumes uses IQN-based authorization to control access to volumes. The administrator must specify the IQN of the host that needs to access the volume when creating or editing the volume. If the host\\'s IQN is not authorized, it will not be able to see the target in the MS iSCSI Initiator3. References: Nutanix Volumes Administration Guide3

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