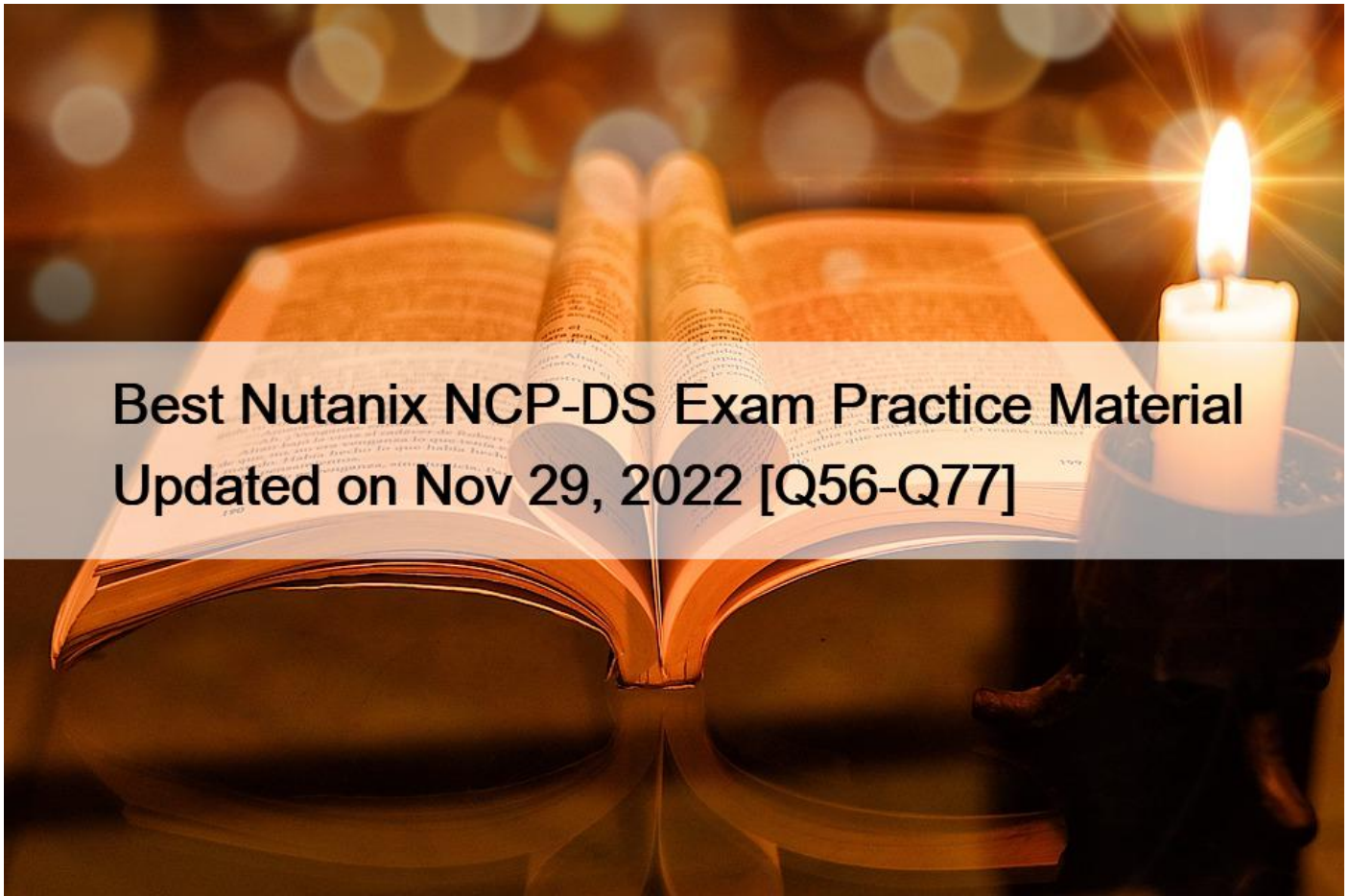


## Best Nutanix NCP-DS Exam Practice Material Updated on Nov 29, 2022 [Q56-Q77]



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New NCP-DS Actual Exam Dumps, Nutanix Practice Test

### Nutanix NCP-DS Exam Syllabus Topics:

TopicDetailsTopic 1- Verify the proper iSCSI timeout settings, as per client tuning requirements- Troubleshoot issues related to Nutanix VolumesTopic 2- Validate connectivity within a Nutanix Objects environment- Determine when to use cluster white lists versus volume white listsTopic 3- Utilize File Analytics to assess usage patterns- ANALYZE AND MONITOR NUTANIX DATA SERVICESTopic 4- Identify prerequisites and limitations for Objects deployment- Identify subdomains versus folder structures for FQDN pathingTopic 5- Determine AOS- Prism Central compatibility issues- Describe the impact to clients during a single FSVM failureTopic 6- Troubleshoot Objects using appropriate CLI commands- Identify the cause of read- write capability-related issuesTopic 7- Determine capacity and performance requirements for Files- Objects- Determine network segmentation requirements of each productTopic 8- Given a scenario, identify the capacity runway, in terms of months, for a solution- Given a scenario, utilize Prism Pro for capacity planningTopic 9- Describe how to monitor performance and usage- Use anomalies to determine suspicious activity or abnormal behaviorTopic 10- Troubleshoot issues related to Nutanix Objects- Given a scenario, determine the cause of quota issuesTopic 11- Discover the reasons for deployment failures- Troubleshoot issues related to Nutanix Files

**Q56.** Why should an administrator avoid allocating over half the RAM on a host to a FSVM?

- \* The FSVM has a set memory configuration.
- \* The FSVM would experience host swapping of memory
- \* The FSVM would cross NUMA node boundaries
- \* The FSVM would be in a single NUMA node boundary

**Q57.** The CIO has informed the administrator that the CFO is unable to upload a presentation for the board of directors to their home directory. After reviewing the user's home directory, the administrator was able to determine that other presentations were previously uploaded without any issues. What Files configuration is causing this issue?

- \* The Quota Policy has been configured with a Hard Limit and the presentation file size is larger than the available space
- \* The presentation file format is on the Blocked File Type list on the file server
- \* The Quota Policy has been configured with a Soft Limit and the presentation file size is larger than the available space
- \* The presentation file format is on the Blocked File Types list on the share

**Q58.** Which action will improve the performance of a database server storage using Volumes that is experiencing persistent slow queries?

- \* Enable Flash Mode on the Volume Group
- \* Disable deduplication on storage pool
- \* Upgrade CPUs on FSVMs running databases
- \* Create dedicated container for databases

**Q59.** An administrator has selected Files for the file server implementation in the company. The following key requirements for the environment have been specified:

- \* All files written on the shares need to be scanned for viruses
- \* Certain file types must never be created or copied to any of the shares
- \* End users must be able to restore previous file versions or deleted files on their own
- \* Each user should not be able to write more than 100 GB of data on any share. Which configuration will meet the above requirements?
  - \* File Blocking and ICAP on the shares, and Quota policies, ABE and ICAP integration on the Files cluster
  - \* File Blocking and Quota policies on the Files cluster, and SSR and ICAP integration on the shares
  - \* File Blocking and Quota policies on the Files cluster, and ABE and ICAP integration on the shares
  - \* File Blocking and ICAP on the Files cluster, and Quota policies, SSR and ICAP integration on the shares

**Q60.** 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.

How will the administrator achieve this request?

- \* Enable versioning and then rename the Objects store, disable versioning.
- \* Delete and recreate a new Objects store with the updated name.
- \* The Objects store can only be renamed if hosted on ESXi.
- \* Update the name of the Objects store by using a CORS XML file.

**Q61.** An administrator is not able to create an SMB share on a new Files cluster, which is up and running.

Which action should the administrator take to resolve this issue?

- \* Verify Files has configured roles
- \* Update the AD configuration
- \* Check if Files Analytics has been deployed
- \* Specify Share Path when creating the SMB share

**Q62.** An administrator wants to centralize the storage of CCTV data from all its branches in a remote datacenter. To meet compliance standards, the requirements for this solution are as follows:

- \* Data must be kept for a minimum of 10 years
- \* Data must be accessible for use at any time
- \* Data must be secure

How should the administrator satisfy these requirements?

- \* Create a Volume Group and mount to a server

2) Configure a Lifecycle policy for a 10year retention

3) Enable encryption on the vDisks

- \* 1) Create an Objects bucket

2) Configure WORM for a 10year retention

3) Replace Objects's self-signed certificate with a CA-signed certificate

- \* 1) Create a Storage Container

2) Configure WORM for a 10year retention 3) Replace Prism Element's self-signed certificate with a CA-signed certificate

- \* Create a Files share

2) Configure a Lifecycle policy for a 10 year retention

3) Enable encryption on SMB protocol

**Q63.** An administrator manages a vSphere-based Nutanix cluster and has enabled Flash Mode for extremely latency sensitive The administrator recently migrated several workloads from this cluster to another cluster with higher CFU and migration, users complained about the VM performance of the latency sensitive workloads. What must the administrator to resolve this issue?

- \* Manually fingerprint the migrated
- \* Flash Mode can only be enabled on the VM curing the world
- \* Flash usage exceeds 20% of the new SSD capacity tier

- \* Manually enable Flash Mode on the migrated workloads

**Q64.** An administrator is upgrading Files and receives the following error

File Server preupgrade check failed with cause (s) FileServer in HA state A FSVM was noted to be powered off and was successfully powered back on Which command result will now enable the administrator to successfully reattempt the upgrade?

- \* nutanix@FSVM\$ afs ha.minerva check\_ha\_state The state of the HA should display True
- \* nutanix@FSVM\$ afs ha.minerva check ha state The state of the HA should display false
- \* nutanix@FSVM\$ afs ha. Isv\_check\_ha\_state The state of the HA should display False
- \* nutanix@FSVM\$ afs ha.fsVm check ha state The state of the HA should display True

**Q65.** An administrator needs to configure Windows Server Failover Clustering (WSFC) in a Nutanix environment using storage provided by the Nutanix cluster.

Which two prerequisites are required to accomplish this task? (Choose two.)

- \* Configure a Data Services IP on the Nutanix cluster.
- \* Record the IQNs or IPs of the WSFC virtual machines
- \* Ensure the WSFC clients are on the same subnet as the Nutanix cluster
- \* Verify that the WSFC clients have one-way CHAP configured

**Q66.** A company has implemented a new Retention policy requiring all Human

Resources Documents with these characteristics:

- \* Able to be stored for 7 years and then automatically deleted.
- \* Previous versions of the document must be retained for a minimum for 1 year.

The company is currently using objects as the backend storage for all data. Which action best enforces the Retention Policy?

- \* Deploy a new bucket named `humanresources`; and Enable Versioning with Permanently delete past versions after 2 years. Additionally enable Lifecycle Policies to Expire current objects after 7 years.
- \* Deploy a new bucket named `Human Resouces`; and Enable Versioning with Permanently delete past versions after 1 year. Additionally enable Lifecycle Policies to expire current objects after 7 years.
- \* Deploy a new bucket name `Human Resources`; and apply WORM for 7 years.

Have the administrator write a script to clear out the data once the retention period is reached.

- \* Deploy a new bucket named `humanresources`; and Enable Versioning with Permanently delete past versions after 7 years. Additionally enable Lifecycle Policies to Expire current objects after 1 year.

Explanation

[https://support-portal.nutanix.com/page/documents/details?targetId=Objectsv3\\_1:v31-objectssalient-features-c.h](https://support-portal.nutanix.com/page/documents/details?targetId=Objectsv3_1:v31-objectssalient-features-c.h)

**Q67.** An administrator receive a warning message concerning file server hosted in a 3 node cluster The Prism management console recommends optimizing Files resources How should the administrator resolve this issue

- \* Scale out by adding a new FSVM in the duster
- \* Apply the recommendation to rebalance
- \* Scale up the FSVMs resources
- \* Increase the CVM: CPU and RAM

**Q68.** The marketing department has complained that they are unable to upload or modify MOV files on all marketing file shares in

Files During troubleshooting, the administrator has found that all users are unable to upload MOV files to any share What is preventing files from being uploaded?

- \* Files administrator has added the MOV file extension to the Blocked File Types on the file server.
- \* Files administrator has added the MOV file extension to the Blocked File Types on the marketing department share
- \* Authentication on the share has been set None
- \* Authentication on the share has been set to Kerberos (AD)

**Q69.** Which two statements are true about object counts in an object store?

- \* Upload counts are included in the object counts
- \* Each upload of a multipart upload is counted as a separate object until the object is finalized.
- \* Each upload of a multipart upload is counted as a separate object
- \* Upload Counts are not included in the object counts

**Q70.** An administrator wants to replicate an Objects bucket between two clusters, managed by separate Prism Central instances.

Which step must the administrator take into account when planning to set up streaming replication?

- \* The clusters must be defined on each Prism Central instance as an Availability Zone.
- \* The clusters must be defined on each Prism Central instance in a Protection Policy
- \* The dusters, managed by different Prism Central instances, do not allow replication of buckets
- \* The clusters must be defined on each Prism Central Instance in a Protection Domain.

**Q71.** Where can an administrator find the latency associated with a Files SMB Share?

- \* FSVM performance
- \* File Analytics Health
- \* `ncli > fs get-file-servers-usage`
- \* File Server Performance Tab

**Q72.** Users from the brazil HQ office are complaining that they are not able to save data stored on the company's Files solution. The save process often fails and they are unable to work.

While troubleshooting, the storage administrator observes that the share auth process times out. Files is connected to a domain controller located in the UK.

What should the administrator do to solve the problem?

- \* Check the Active Directory Domain Trust settings
- \* Leave the UK Domain and join the Brazil domain
- \* Use `afs` commands on an FSVM to set the local DC as preferred
- \* Ask the affected users to install the latest security patches and reboot.

**Q73.** An administer has a new requirement to separate management and block storage network traffic for bare-metal workloads.

What should the administrator do to satisfy this requirement?

- \* Add a second virtual NIC to CVMs, configure them in prism.
- \* Configure Backplane LAN to isolate hypervisor traffic
- \* Configure Management LAN to segment internal communication.
- \* Enable Volumes network segmentation

**Q74.** An administrator needs to configure a Files share with these requirements:

Supports 100 virtual desktop users \* Share would host user data

Share is limited to 1 TB, evenly distributed across users Optimized for best I/O performance within the current environment Which two configuration actions should the administrator take to meet these requirements?

(Choose two.)

- \* Create a distributed share
- \* Configure a standard share
- \* Enable ABE on the share
- \* Add a quota policy to the share

**Q75.** Which two configuration items are mandatory for deploying a Files cluster? (Choose two.)

- \* Configure two networks
- \* Configure a DNS server
- \* Configure an NTP server
- \* Configure a AHV managed network

**Q76.** What are the three predefined resource profiles when deploying Objects?

- \* Small, Medium, and Heavy
- \* Light Medium, and Large
- \* Light Medium, and Heavy
- \* Small, Medium, and Large

**Q77.** A company is using a vSphere-based 5-node Nutanix cluster. Currently, the cluster is using three full HCI nodes and two storage-only nodes. VMs are configured with Volumes with multiple vDisks.

Which statement about Volumes Load Balancing is correct?

- \* Disks can be redirected to all CVMs within the cluster
- \* vDisks are managed by the CVM, which hosts the VM
- \* vDisks are managed by the two storage-only nodes
- \* vDisks can be redirected only to the three full HD nodes

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