Nutanix NCP-US

Nutanix Unified Storage Certification Questions & Answers

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NCP-US
Nutanix Certified Professional - Unified Storage (NCP-US)
75 Questions Exam – 3000/1000-6000 Cut Score – Duration of 120 minutes

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Discover More about the NCP-US Certification

Are you interested in passing the Nutanix NCP-US exam? First discover, who benefits from the NCP-US certification. The NCP-US is suitable for a candidate if he wants to learn about Professional Level. Passing the NCP-US exam earns you the Nutanix Certified Professional - Unified Storage (NCP-US) title.

While preparing for the NCP-US exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The NCP-US PDF contains some of the most valuable preparation tips and the details and instant access to useful NCP-US study materials **just at one click**.

Nutanix NCP-US Unified Storage Certification Details:

Exam Name	Nutanix Certified Professional - Unified Storage
Exam Code	NCP-US
Exam Price	$199 USD
Duration	120 minutes
Number of Questions	75
Passing Score	3000/1000-6000
Recommended Training / Books	**Nutanix Unified Storage Administration (NUSA)**
Schedule Exam	**Nutanix**
Sample Questions	**Nutanix NCP-US Sample Questions**
Recommended Practice	**Nutanix Certified Professional - Unified Storage (NCP-US) Practice Test**

NCP-US Syllabus:

Section	Objectives
Deploy and Upgrade Nutanix Unified Storage	
Identify the steps to deploy Files	Knowledge: - Identify prerequisites and limitations for Files deployment - Identify appropriate client and storage networks - Ensure NTP, DNS and Active Directory Services have been correctly configured - Identify supported protocols

Section	Objectives
	- Describe how to onboard to Data Lens - Describe how to deploy File Analytics - Identify subdomains vs. folder structures for FQDN pathing
Identify the steps to deploy Objects	Knowledge: - Identify prerequisites and limitations for Objects deployment - Ensure NTP, DNS, and SPN have been correctly configured - Validate connectivity before handoff
Perform upgrades/maintenance for Files/Objects implementations	Knowledge: - Determine Files/Objects dependencies on AOS - Maintain impact for Files and Objects (i.e. distributed versus standard shares) - Understand when to scale up/scale out
Given a scenario, determine product and sizing parameters	Knowledge: - Determine capacity and performance requirements for Files/Objects - Determine capacity and performance requirements for Volumes - Determine network segmentation requirements of each product - Add/Remove volumes to a Volume Group
Configure and Utilize Nutanix Unified Storage	
Configure Files with advanced features	Knowledge: - Create CIFS, NFS, and multi-protocol shares - Configure Smart DR, File Analytics, and Smart Tiering - Onboard Nutanix File instances to Data Lens - Manage permissions - Block specific file types - Create an additional new Files server
Configure Volumes	Knowledge: - Present Nutanix Volumes to physical servers - Present Nutanix Volumes to virtual machines - Add/Remove volumes to Volume Groups - Configure CHAP - Determine when to use cluster white lists versus volume white lists
Configure Objects	Knowledge: - Validate connectivity within a Nutanix Objects environment - Generate access keys - Configure Nutanix Objects for endpoint access - Create and configure buckets - Create additional namespaces
Given a scenario, configure shares,	Knowledge:

Section	Objectives
buckets, and/or Volume Groups	- Given a scenario, determine the appropriate product to meet business requirements for such storage technologies as: • iSCSI • NFS • SMB • S3
Determine the appropriate method to ensure data availability/recover ability	Knowledge: - Given a scenario with RPO and RTO defined, determine the appropriate Nutanix local and remote platform solution - Given a scenario with RPO and RTO defined, determine the appropriate local and remote. backup basic recovery options

Analyze and Monitor Nutanix Unified Storage

Utilize File Analytics for data security	Knowledge: - Use anomalies to determine suspicious activity or abnormal behavior • Determine if something has been deleted - Audit file access, usage, and modifications • Determine users with too many resource demands • Determine top active users • Determine file distribution by type - Detect ransomware and other security threats - Describe the difference between Standard Tiering and Advanced Tiering
Describe how to monitor performance and usage	Knowledge: - Identify when to scale up/out Files and Objects clusters - Identify metrics to determine when to scale up/out - Identify performance constraints from a cluster utilization perspective
Describe the use of Data Lens for data security	Knowledge: - Describe use cases - Identify requirements and supported features - Describe Smart Tiering requirements and recommendations - Differentiate File Analytics and Data Lens

Troubleshoot Nutanix Unified Storage

Troubleshoot issues related to Files	Knowledge: - Determine user permissions issues

Section	Objectives
	• multiple groups, conflicting permissions, back-up accounts, share administrator - Determine shared visibility issues - Determine the reasons for deployment failures • Determine the Active Directory service account • Determine why DNS records were not created - Determine why data is not being tiered - Determine why Active Directory and DNS are not being changed in Smart DR - Determine issues related to failing over and failing back a file server
Troubleshoot issues related to Objects	Knowledge: - Troubleshoot the reasons for deployment failures - Troubleshoot issues with read/write capabilities - Troubleshoot appropriate access for troubleshooting - Troubleshoot Objects with appropriate CLI commands - Troubleshoot issues with Objects replication - Troubleshoot issues related to Cloud Tiering
Troubleshoot issues related to Volumes	Knowledge: - Determine proper authentication - Determine proper firewall settings - Determine correct IQNs/whitelists - Determine proper iSCSI timeout settings - Determine the basic steps needed to add a capacity to a VG - Troubleshoot the inability to see newly added capacity
Explain Data Management processes for Files and Objects	Knowledge: - Describe technologies used to ensure data availability • Smart DR • Smart Tiering • Self-Service Restore • Protection Domain and Protection Policies - Describe HA capabilities within Files and Objects
Troubleshoot a failed upgrade for Files/Objects	Knowledge: - Determine AOS/Prism Central compatibility issues and requirements - Determine the appropriate logs to review - Determine File Analytics compatibility issues and requirements

Broaden Your Knowledge with Nutanix NCP-US Sample Questions:

Question: 1

If a specific Object bucket is inaccessible, what should be checked first?

a) Object storage capacity and utilization.
b) User permissions for the bucket.
c) Object replication settings.
d) Network connectivity between the client and the bucket.

Answer: b

Question: 2

When determining the sizing parameters for a Nutanix deployment, which factor is MOST important to consider?

a) The number of physical nodes in the cluster.
b) The available network bandwidth for data transfers.
c) The desired storage capacity and performance requirements.
d) The compatibility of the hypervisor with Nutanix software.

Answer: c

Question: 3

What is the recommended approach for configuring NTP in a Nutanix cluster?

a) Manually configure NTP servers on each cluster node.
b) Enable automatic NTP configuration through Prism Central.
c) Utilize a dedicated NTP appliance for time synchronization.
d) Configure NTP using the Nutanix command-line interface.

Answer: b

Question: 4

During a maintenance operation on Nutanix Objects, which step is important to ensure data availability?

a) Disable object versioning.
b) Pause the replication process.
c) Enable data deduplication.
d) Implement data encryption at rest.

Answer: b

Question: 5

How can you block specific file types from being uploaded or accessed in Nutanix Files?

- a) Configure firewall rules to block specific file types.
- b) Implement data deduplication and compression for specific file types.
- c) Utilize antivirus software to scan and block specific file types.
- d) Configure file content filtering rules based on file types.

Answer: d

Question: 6

What information can be obtained through file access auditing in Nutanix Unified Storage?

- a) The number of files stored in the system.
- b) The users who accessed or modified specific files.
- c) The average file size and growth rate.
- d) The available storage capacity and utilization.

Answer: b

Question: 7

When deploying Nutanix Unified Storage, which of the following components provides the storage resources for virtual machines?

- a) Nutanix Storage Controller
- b) Nutanix AHV Hypervisor
- c) Nutanix Prism Central
- d) Nutanix Acropolis File Services (AFS)

Answer: d

Question: 8

Which feature in Nutanix Files allows you to block specific file types from being uploaded or accessed?

- a) File Content Filtering
- b) File Auditing
- c) Smart Tiering
- d) File Analytics

Answer: a

Question: 9

If a Nutanix Volume is performing poorly in terms of IOPS (Input/Output Operations Per Second), what should be checked first?

a) Network bandwidth between the Volume and the client.
b) Storage capacity and utilization of the Volume.
c) Compatibility of the client's operating system with Nutanix Volumes.
d) Replication settings and configuration of the Volume.

Answer: a

Question: 10

What is a key consideration when managing permissions in Nutanix Files?

a) Ensuring compliance with industry-specific regulations.
b) Maximizing storage capacity and utilization.
c) Optimizing file access performance and latency.
d) Maintaining high availability and fault tolerance.

Answer: a

Avail the Study Guide to Pass Nutanix NCP-US Unified Storage Exam:

● Find out about the NCP-US syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.

● Once you are done exploring the **NCP-US syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.

● A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.

● The candidate should not miss out on the scope to learn from the NCP-US training. Joining the Nutanix provided training for NCP-US exam helps a candidate to strengthen his practical knowledge base from the certification.

- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **NCP-US sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. NCP-US practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the NCP-US exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the NCP-US Certification

VMExam.Com is here with all the necessary details regarding the NCP-US exam. We provide authentic practice tests for the NCP-US exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the **NCP-US practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Nutanix Certified Professional - Unified Storage (NCP-US).

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