

Nutanix NCP-US

NUTANIX UNIFIED STORAGE CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

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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Know Your NCP-US Certification Well:

The NCP-US is best suitable for candidates who want to gain knowledge in the Nutanix Professional Level. Before you start your NCP-US preparation you may struggle to get all the crucial Unified Storage materials like NCP-US syllabus, sample questions, study guide.

But don't worry the NCP-US PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the NCP-US syllabus?
- How many questions are there in the NCP-US exam?
- Which Practice test would help me to pass the NCP-US exam at the first attempt?

Passing the NCP-US exam makes you Nutanix Certified Professional - Unified Storage (NCP-US). Having the Unified Storage certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

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	<ul style="list-style-type: none"> - Identify the steps to deploy Files <ul style="list-style-type: none"> • 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 • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> - Configure Files with advanced features <ul style="list-style-type: none"> • 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

Section	Objectives
	<ul style="list-style-type: none"> • 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 <p>- Configure Objects</p> <ul style="list-style-type: none"> • Validate connectivity within a Nutanix Objects environment • Generate access keys • Configure Nutanix Objects for endpoint access • Create and configure buckets • Create additional namespaces <p>- Given a scenario, configure shares, buckets, and/or Volume Groups</p> <ul style="list-style-type: none"> • Given a scenario, determine the appropriate product to meet business requirements for such storage technologies as: <ul style="list-style-type: none"> - iSCSI - NFS - SMB - S3 <p>- Determine the appropriate method to ensure data availability/recoverability</p> <ul style="list-style-type: none"> • 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	<p>- Utilize File Analytics for data security</p> <ul style="list-style-type: none"> • Use anomalies to determine suspicious activity or abnormal behavior <ul style="list-style-type: none"> - Determine if something has been deleted • Audit file access, usage, and modifications <ul style="list-style-type: none"> - 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 <p>- Describe how to monitor performance and usage</p> <ul style="list-style-type: none"> • Identify when to scale up/out Files and Objects clusters

Section	Objectives
	<ul style="list-style-type: none"> • Identify metrics to determine when to scale up/out • Identify performance constraints from a cluster utilization perspective <p>- Describe the use of Data Lens for data security</p> <ul style="list-style-type: none"> • Describe use cases • Identify requirements and supported features • Describe Smart Tiering requirements and recommendations • Differentiate File Analytics and Data Lens
Troubleshoot Nutanix Unified Storage	<p>- Troubleshoot issues related to Files</p> <ul style="list-style-type: none"> • Determine user permissions issues <ul style="list-style-type: none"> - multiple groups, conflicting permissions, back-up accounts, share administrator • Determine shared visibility issues • Determine the reasons for deployment failures <ul style="list-style-type: none"> - 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 <p>- Troubleshoot issues related to Objects</p> <ul style="list-style-type: none"> • 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 <p>- Troubleshoot issues related to Volumes</p> <ul style="list-style-type: none"> • 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 <p>- Explain Data Management processes for Files and Objects</p> <ul style="list-style-type: none"> • Describe technologies used to ensure data availability <ul style="list-style-type: none"> - Smart DR

Section	Objectives
	<ul style="list-style-type: none"> - Smart Tiering - Self-Service Restore - Protection Domain and Protection Policies <ul style="list-style-type: none"> • Describe HA capabilities within Files and Objects - Troubleshoot a failed upgrade for Files/Objects <ul style="list-style-type: none"> • Determine AOS/Prism Central compatibility issues and requirements • Determine the appropriate logs to review • Determine File Analytics compatibility issues and requirements

Nutanix NCP-US Sample Questions:

Question: 1

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: 2

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: 3

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: 4

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: 5

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: 6

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: 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

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

Question: 10

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

Study Guide to Crack Nutanix Unified Storage NCP-US Exam:

- Getting details of the NCP-US syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the NCP-US exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Nutanix provided training for NCP-US exam could be of much help. If there is specific training for the exam, you can discover it from the link above.

- Read from the NCP-US sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on NCP-US practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for NCP-US Certification

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