



NUTANIX TRAINING

Nutanix Unified Storage Administration

Master Nutanix Unified Storage administration. Learn to manage and optimize data for modern IT environments.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level course on Nutanix Unified Storage Administration is meticulously designed for IT professionals seeking to master the deployment, management, and optimization of Nutanix's software-defined storage solutions. Participants will delve into the intricacies of Nutanix Files for unstructured data, Nutanix Objects for S3-compatible object storage, and Nutanix Volumes for block storage. The curriculum emphasizes practical skills required to provision, secure, and maintain highly available, scalable, and resilient storage environments, leveraging the power of the Nutanix Enterprise Cloud Platform. You will gain a deep understanding of core technologies like AHV, Prism Central, and various data protection mechanisms that ensure business continuity and data integrity across your infrastructure.

Level	Intermediate
Vendor	Nutanix

COURSE CURRICULUM

01 Module 1: Introduction to Nutanix Unified Storage

- Overview of Nutanix Enterprise Cloud Platform
- Introduction to Nutanix Unified Storage components (Files, Objects, Volumes)
- Core concepts: Distributed Storage Fabric (DSF), AHV, Prism Central
- Understanding storage protocols and use cases for each service
- Licensing and sizing considerations for unified storage

02 Module 2: Nutanix Files Administration

- Deploying and configuring Nutanix Files clusters
- Managing file shares (SMB/NFS) and export policies
- User and group permissions management
- Data protection with Files snapshots and Smart DR
- Monitoring Nutanix Files performance and health

03 Module 3: Nutanix Objects Administration

- Deploying and configuring Nutanix Objects clusters
- Creating and managing S3-compatible buckets
- Understanding access keys, IAM policies, and object lifecycle management
- Data protection, replication, and WORM policies for objects
- Integrating applications with Nutanix Objects using S3 API

04 Module 4: Nutanix Volumes Administration

- Understanding Nutanix block storage architecture
- Provisioning and managing iSCSI volumes
- Attaching volumes to virtual machines and physical servers
- Volume group management and data services
- Performance tuning and troubleshooting for Nutanix Volumes

05 Module 5: Data Protection, Security, and Disaster Recovery

- Implementing native snapshots and replication for Files, Objects, and Volumes
- Configuring protection domains and disaster recovery plans
- Integrating with third-party backup solutions
- Understanding security best practices for Nutanix Unified Storage
- Role-Based Access Control (RBAC) for storage services

06 Module 6: Monitoring, Optimization, and Advanced Topics

- Utilizing Prism Central for unified storage monitoring and analytics
- Performance optimization techniques for Files, Objects, and Volumes
- Troubleshooting common storage issues
- Upgrading Nutanix Unified Storage components
- Introduction to automation with Nutanix APIs and scripting

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Nutanix Storage Administrator**
- > **Hybrid Cloud Infrastructure Engineer**
- > **Solutions Architect (focused on Enterprise Storage)**
- > **Data Center Operations Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in the Nutanix Unified Storage Administration course?

This course is designed for IT professionals with an intermediate understanding of virtualization concepts and basic networking. While not strictly required, prior experience with Nutanix AOS administration, traditional storage systems (SAN/NAS), and familiarity with command-line interfaces will be highly beneficial for maximizing your learning experience.

Q: How will this course help me manage data across both unstructured and block storage environments efficiently?

The course provides hands-on training for Nutanix Files, Objects, and Volumes. You will learn to provision SMB/NFS shares, S3 buckets, and iSCSI LUNs, manage their respective access controls, and implement data protection policies from a unified platform, significantly streamlining your ability to handle diverse data types across your enterprise.

Q: Does this course cover advanced topics like integrating Nutanix Unified Storage with public cloud services or multi-cloud strategies?

While the primary focus is on on-premises administration of Nutanix Unified Storage, the course does touch upon concepts like S3 compatibility for hybrid cloud data tiering with Nutanix Objects and the foundational aspects of extending data protection to cloud targets. You'll gain a strong base to understand and implement hybrid cloud storage strategies leveraging Nutanix.

ABOUT COMPUTER PRIDE

**computerpride*****East Africa's Premier IT Training Center***

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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