Nutanix Unified Storage Administration (NUSA)

Price: 2650

Duration: 2 days

Delivery Methods: Virtual

Overview

This course teaches you the administrative skills needed to install, configure, manage, and upgrade three different Nutanix unified storage products:

Nutanix Volumes – Learn how Nutanix Volumes provides block storage for your VMs or physical hosts using the iSCSI protocol, with the same simplicity as virtualized workloads, consolidating infrastructure into a single unified platform.
Nutanix Files – Set up and manage Nutanix Files, a software-defined, scale-out file storage solution that provides Server Message Block (SMB) and Network File System (NFS) file services to clients.
Nutanix Objects – Learn how easy it is to spin up Nutanix Objects in a few simple steps, and build a simple, secure, and scale-out stack.

Audience Profile

Course Target Audience
Systems operators evaluating file, block, and object storage using Nutanix Files, Nutanix Volumes, and Nutanix Objects.
IT administrators and business leaders who manage Nutanix clusters and want a detailed deep dive into Nutanix storage administration.
Anyone pursuing Nutanix Certified Professional – Unified Storage (NCP-US) certification.

At Course Completion

Outline

Course Outline
Course Outline and Hands-on Labs

Installing and Configuring Nutanix Volumes
Understanding When to Use Nutanix Volumes
Deploying Nutanix Volumes and Understanding iSCSI Target Redirection
Configuring Nutanix Volumes
Managing, Upgrading, and Monitoring Nutanix Volumes
Failover and Failback Processes
Understanding Storage Management and Using the Storage and Volume Groups Dashboards
Modifying a Volume Group
Analyzing and Optimizing Nutanix Volumes
Firewall Settings
IQNs/Allowlists
iSCSI Timeout Sessions
Troubleshooting Volume Group Capacity
Nutanix Volumes: Hands on Labs
Preparing the Cluster
Configuring Volumes for Windows and Linux
Managing Volumes for Windows and Linux
Configuring iSCSI Network Segmentation (Optional)
Installing and Configuring Nutanix Files
Introduction to Nutanix Files
Architecting and Sizing Nutanix Files Environments
Installing Nutanix Files
The File Server Dashboard
Configuring Nutanix Files
Managing, Upgrading, and Monitoring Nutanix Files
Managing Nutanix Files
Using File Analytics
Using Data Lens and Smart DR
Monitoring Performance and Usage
Upgrading Nutanix Files
Analyzing and Optimizing Nutanix Files
Understanding the Nutanix Files High Availability Process
Troubleshooting Nutanix Files Issues

Nutanix Files: Hands on Labs

Installing Nutanix Files

Managing File Shares and Exports with the Files Console

Working with File Analytics

Deleting Nutanix Files

Deploying and Configuring Nutanix Objects

Introduction to Nutanix Objects

Enabling Nutanix Objects

Architecting and Sizing Nutanix Objects

Deploying and Configuring Nutanix Objects

Configuring Bucket Policies

Managing, Upgrading, and Monitoring Nutanix Objects

Managing Directories and API Keys

Managing the Object Store

Managing a Bucket

Upgrading Nutanix Objects Using LCM

Monitoring Nutanix Objects

Replication with Nutanix Objects

Cloud Tiering

Analyzing and Troubleshooting Nutanix Objects

Troubleshooting Issues with Cluster Deployment, Read/Write, Upgrades, and Objects/MSP

Clusters using CLI Commands

Log Collection for Nutanix Objects

Nutanix Objects: Hands on Labs

Configuring Nutanix Objects

Managing Nutanix Objects

Prerequisites

Course Prerequisites

This course requires basic system administration knowledge, acquired through training or hands-on experience.

You should be familiar with iSCSI, SMB, NFS storage protocols, and S3 compatible storage; be able to create a VM through the Nutanix web console (Prism); and know how to run commands from the command line interface (CLI).

An understanding of Nutanix core concepts and definitions, which can be found here.

If you do not have these skills, we recommend taking the Nutanix Hybrid Cloud Fundamentals (NHCF) class first.

Course Schedule

Date	Time	Price	Options
06/01/2026	08:00 AM - 04:00 PM CT	2,650.00	Buy Now Enroll
09/10/2026	08:00 AM - 04:00 PM CT	2,650.00	Buy Now Enroll

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FAQ

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