Nutanix Unified Storage

Your simple, secure & scalable storage platform

Key Features

- Single platform for File, Object and Block Storage
- Flexible, capacity-based licensing across all storage services
- Single point of management
- Integrated cyber security and ransomware protection
- Scale easily while meeting performance requirements

Key Benefits

Storage Agility Improvements

- 68% improvement in time to resolve unplanned downtime
- 67% improvement in time needed to deploy storage
- 23% improvement in time to run analytical queries

IT Efficiency Benefits

- 69% more efficient IT storage management
- 49% more efficient deployment
- 39% more efficient IT infrastructure management
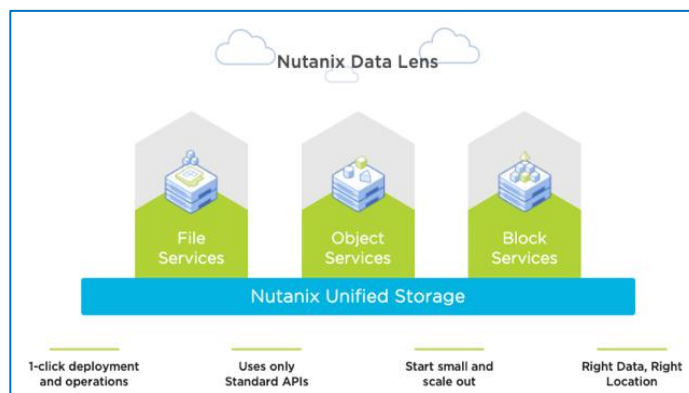
Business Benefits

- 99% reduction in unplanned downtime
- $758K revenue protected due to reduced unplanned downtime
- 30% improved application performance

Industry's First Unified Storage Platform for all Data Management Needs

A chain is only as strong as its weakest link. Your storage need not be the weakest link in your chain of IT infrastructure. Legacy storage systems are weighing you down and slowing you from creating a digitally transformed organization that can quickly and effectively respond to the fast-changing business and application storage needs. Unburden your IT server and storage admins with a modern storage system. Nutanix Unified Storage is the industry's first unified storage platform that brings file, object, and block services together with a simple, capacity-based consumption model helping you realize digital transformation.

Nutanix Unified Storage: Simple Software-Defined Storage System

Nutanix Unified Storage is a software-defined storage platform that consolidates file, object, and block storage into a single platform. By removing the need for dedicated storage systems, the environment is easier to operate, allowing you to focus more on application services and less on infrastructure. Combined with Nutanix Cloud Platform, Unified Storage gives you a platform that is built for scale, performance, and integrated data security. It offers agility, flexibility, and simplicity to build modern applications and services no matter where they are deployed - on the core, cloud, or edge. Also provides seamless access to structured and unstructured data using S3, SMB, or NFS and iSCSI protocols. A single point of management for all storage resources eliminates the complexity of multiple interfaces and consumer-grade design enables non-storage experts to handle most day-to-day storage and data management tasks. Data security and analytics integrated into the solution provide deep insights into how data is being used and helps to prevent threats from ransomware and other bad actors. With integrated ransomware protection, Unified Storage helps to detect, prevent, and recover from cyber-attacks.

Try Unified Storage

- **Free Trial License.** We offer unlimited capacity for the first 60 days*

- **Test Drive**. We encourage you to try the Nutanix Unified Storage Platform by simply registering for a free Test Drive, Get Started Here (https://www.nutanix.com/test-drive-file-storage-service)

File Services

Nutanix File services offer a simple and secure software-defined scale-out file storage solution to store, manage, and scale unstructured data generated by applications in a wide range of industries. for instance, medical images in healthcare, video surveillance in public sector, and VDI file shares in FinServ, just to name a few. File Services is hybrid cloud ready - for those needing a solution on-premises we support as small as a single node, up to 48 nodes, scaling up to tens of PBs in a single cluster. Files can also be deployed on our public cloud offering, Nutanix Cloud Clusters on AWS, giving you a way to seamlessly integrate your infrastructure wherever data is created, consumed, and stored. By running on the same Nutanix infrastructure that hosts the user's virtual machines, Nutanix Files Services help reduce cost by eliminating the need for dedicated file storage systems while increasing business agility with file shares that can be deployed in minutes.
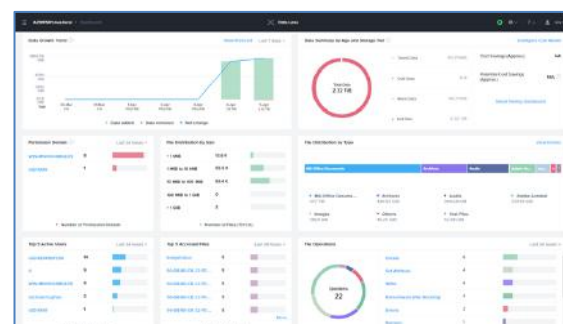
Object Services

Object services is a Simple, Scale-Out Cloud and a highly performant Object Storage delivering a secure S3-compatible object storage simplifying operations while offering high performance for the modern cloud-native and big data analytics workloads. Nutanix Objects offers ease of use and flexibility with policy driven data tiering to any S3 compatible cloud provider while providing faster access to the large volumes of data resulting in faster access to data, reduced network bandwidth and reduced index server workload. In addition to supporting S3 access over HTTP/HTTPS, Nutanix Objects are read and written interchangeably through S3 and NFSv3. Also, the data can be tiered to Azure Blob Storage, GCP and AWS S3. For better protection and administration, Objects offer 1:N replication and Role Based Access Control (RBAC).

Block Services

Nutanix Volumes is an enterprise-class, software-defined storage that exposes storage resources directly to virtualized guest operating systems or physical hosts using the iSCSI protocol. It eliminates storage silos by delivering the same simplicity Nutanix offers for virtualized workloads and storage for physical workloads, consolidating infrastructure into a single unified platform. All applications can now use the same infrastructure for virtualization, file, object, and block services. This can significantly increase efficiency, reduce risks, and make management a breeze.

Data Lens

Nutanix Data Lens is a cloud-based (Software-as-a-Service) data governance

service that empowers customers to manage exploding data growth and proactively assess and mitigate security risks. Data Lens provides a global view with intelligent insights into customer's unstructured data stored on Nutanix Unified Storage platform. This robust analytics service delivers actionable insights into access patterns, data age, types, and other contextual information to enable efficient data lifecycle management, improved protection against ransomware attacks and insider threats as well as help achieve compliance.

*After 60 days, you must purchase Starter or Pro license and can continue to use 1TiB (Pro) or 2TiB (Starter) for free. You need to assign an identity and true-up for additional capacity.

Nutanix Difference

Simplicity	Easy to Scale	Security-First Design	Flexible Consumption
Files	Objects	Volumes 1-Click Operations	TB	PB Extend to Cloud	Prevent	Detect	Recover Ransomware Protection	Term	Pay-as-you-grow Deployment Choice
Simplify management, automation, availability and disaster recovery	Easily scale to multi-PB without compromising performance	Native protection: Detect, Prevent and Recover against ransomware	Unified license across Files, Objects and Volumes
Reduce data fragmentation and sprawl by consolidating silos	Scale down to the Edge	Extend to the Cloud	Audit user activity, detect anomalies, and respond	Deployment flexibility – dedicated or hyperconverged
Intelligently manage data and storage operations	Span multi-cluster and multi-site	Forensics analysis to guide recovery plans and WORM storage	Software subscription and design enables PAYG (via partners)

Nutanix Unified Storage Editions[1] & Deployment Modes

Nutanix Unified Storage is available in two licenses: Starter and Pro. Starter license deploys Object Services along with Adv Replication (Streaming) as an add-on[2]. Pro is a flexible license to deploy Files, Objects or Volumes with add-ons, Adv Replication (Streaming, NearSync, Adv. Runbooks) and Security (Encryption, KMS). In addition, Adv Replication and Security add-ons can be deployed in both NCI as well as dedicated modes.

Customer Success

Gartner Peer Insights
4.8/5
★★★★½
94 reviews with 93% recommendation

"It's stable, its performance is top notch, and we can get almost anything done with just one click."
- Team Lead, Applications, $3B-$10B Banking company deploying Unified Storage using Cloud Architecture

"An Intelligent Data Service Solution"
- Solution Architect, Enterprise Architecture and Technology Innovation, $30B+ IT Services company

To learn more visit: https://www.nutanix.com/solutions/consolidated-storage

NUTANIX™

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[1] A cluster has a single identity; Starter and Pro cannot be applied to the same cluster. Unified Storage licenses are not needed if the storage is deployed on NCI-Pro/Ultimate Cluster. In case of NCI-Starter Cluster deployment, customers need to purchase Unified Storage Pro license (https://www.nutanix.com/products/cloud-platform/software-options#nus).
[2] Unified Storage Add-Ons apply only to Dedicated clusters; NCI clusters require NCI add-ons to enable Security and Advanced Replication capabilities