

REGION FOCUS: WORLDWIDE

Executive Summary:

The Business Value of Nutanix Unified Storage



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Infrastructure modernization is underway at more than 70% of enterprises going through digital transformation, and the need for a simple, flexible, and secure storage solution is on the rise.

With unstructured data growing rapidly, legacy storage systems are weighing enterprises down and inhibiting them from creating a digitally transformed organization that can quickly and effectively respond to fast-changing business and application needs. For many information technology (IT) organizations, that means software-defined infrastructure.

For many enterprises, infrastructure modernization is also associated with other goals like improving IT infrastructure efficiency. Unified storage solutions that allow enterprises to consolidate workloads using different access methods onto a single storage platform promise improved administrative productivity as well as compelling economics. Newer storage technologies like NVMe, along with an increased ability on the part of software-defined offerings to handle the performance, availability, and security requirements of mission-critical workloads, have enterprises looking to replace legacy storage area network (SAN) and network attached storage (NAS) systems with more flexible, more scalable, and easier-to-use software-defined solutions that offer better economics. [Read on...](#)

Business Value Highlights

-  **421%**
five-year ROI
-  **10 months**
to payback
-  **53%**
reduced total cost of operations over five years
-  **63%**
more efficient IT storage management
-  **82%**
less time needed to deploy new file storage
-  **56%**
more efficient IT security teams

Nutanix is a software-defined infrastructure provider for hybrid multicloud environments, and it has been shipping enterprise-class storage solutions based around a hyperconverged infrastructure (HCI) architecture longer than any other major enterprise vendor.

The vendor's core platform, Nutanix Cloud Platform (NCP), has delivered highly resilient and scalable data storage services for well over a decade. While it initially supported block storage, file storage support was added in 2017 and object storage support was added in 2019. In 2021, Nutanix released Nutanix Unified Storage, a platform that consolidates block, file, and object storage services onto a single, integrated, and hybrid cloud-capable platform with multiprotocol (iSCSI, NFS, SMB, and S3) support that offers significant on- and off-premises deployment flexibility under a common operating model.

IDC conducted research to validate the advantages of multiprotocol workload consolidation using Nutanix Unified Storage.

Through a series of in-depth customer interviews and a methodology for determining business value, IDC's analysis found that the use of Nutanix Unified Storage resulted in compelling benefits across a wide range of areas by:

- Driving average annual economic benefits of \$2.36 million per organization
- Enabling more efficient storage management with less overall time needed to deploy new capacity for all data types
- Enhancing the performance, availability, security, and agility associated with hybrid multicloud infrastructure while lowering operational costs by 53%
- Improving availability by reducing unplanned downtime by 99%

Based on our findings, enterprises going through infrastructure modernization efforts driven by digital transformation would do well to consider software-defined data services platforms like Nutanix Unified Storage.

[Read the full white paper](#)

↓ **75%**
less time needed to
deploy new object storage

↓ **99%**
reduction in unplanned
downtime

↑ **\$441,700**
in revenue gained
annually

↑ **41%**
improved application
performance



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