Unleash Software-Defined Storage with Nexenta and Data Dynamics

Storage That Powers the Cloud Era

Today's fast-paced businesses need scalability to keep up with the growth of data consumption and the rapid emergence of new applications. With data-growth outpacing the typical IT budget, the only viable strategy is one that leverages open source-driven software defined storage, which can be dynamically provisioned in a way that matches business priorities. The seamless continuity of enterprise-class security, reliability and availability, are essential capabilities for a modern cloud infrastructure.

StorageX® from Data Dynamics Inc. is the solution of choice to consolidate and manage data from older file storage technologies to a fully software-defined storage solution by Nexenta. StorageX automates file discovery, policy-based movement and management for consolidation, tiering and archiving of unstructured data in modern large-scale file system environments.

How StorageX Manages Your Data

StorageX dynamic file management is powerful solution for managing your file storage resources based on industry standards. File management uses an automated, policy-based engine to ensure your file movement processes run smoothly and on schedule.

- Accelerate consumption of Nexenta software-defined storage using powerful analytics to quickly identify sets of matching shares/exports to be moved, consolidated, replicated and, or archived.

- Automated data movement policies facilitate the transfer, archival, or replication, of SMB/NFS source files across heterogeneous storage resources. Move and consolidate an entire share or export to new Nexenta storage.

- Cutover Estimation estimates data movement time. Use to decide when "cutover" will occur, or when you will stop sharing the source and start redirecting users to the file data in the new location.

- Automated access control security management for Software Identifiers (SIDs). Make changes to SIDs, remove orphan SIDs and preserve SIDs during file movement.
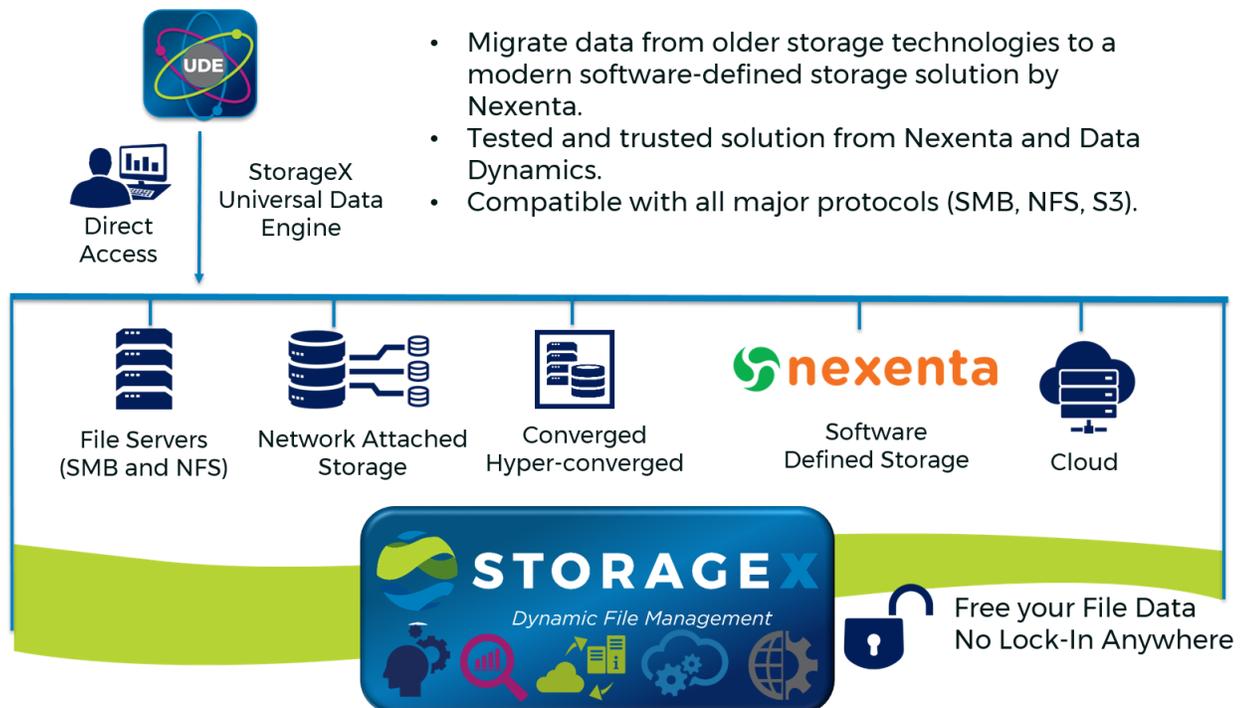
Why Nexenta

As creator and leader in open source-driven software defined storage (OpenSDS) solutions, Nexenta develops core capabilities in its product portfolio to enable organizations to run their businesses securely, flexibly, and cost effectively. Nexenta storage solutions help organizations deploy solutions for hybrid and mulit clouds which can run everyday business applications smoothly.

- Ideal storage solution for use cases such as Active Archive, OpenStack, Cloud Native Applications utilizing containers, that require petabyte scale storage scalability and elasticity.

- Best-in-class performance for small random I/O's for virtualization and OLTP applications.

- Simple scaling to 100's of PBs.

In addition, our storage solutions are expandable enough to respond to fast-changing technology trends from social media, mobility, ever-growing big data solutions, and the emerging Internet of Things paradigm. The provisioning and orchestration of this agile IT infrastructure can be integrated with the industry-redefining Openstack, Containers, as well as custom do-it-yourself cloud deployment models for all types of clouds – private, public, and hybrid.

NexentaStor™, Nexenta's flagship Open Source-driven Software-Defined Storage (OpenSDS) solution, NexentaStor, delivers unified file and block storage services, runs on industry standard hardware, scales from tens of terabytes to petabyte configurations, and includes all data management functionality by default. Experience Software-Defined evolution with your new or existing block and file storage infrastructure – increase flexibility and agility, simplify management, and dramatically reduce cost – without compromising reliability or functionality

Direct Access

StorageX Universal Data Engine

- Migrate data from older storage technologies to a modern software-defined storage solution by Nexenta.
- Tested and trusted solution from Nexenta and Data Dynamics.
- Compatible with all major protocols (SMB, NFS, S3).

File Servers (SMB and NFS) Network Attached Storage Converged Hyper-converged Software Defined Storage Cloud

STORAGEX
Dynamic File Management

Free your File Data
No Lock-In Anywhere

NexentaEdge™, Nexenta's scale-out software defined storage solution, is specifically designed to deliver high performance, petabyte scale, full featured storage services that are required by next generation clouds, big data, and cloud native applications. Scalable from 100's of Terabytes to 100's of Petabytes and 100's of servers in a single cluster, NexentaEdge provides full-featured, high performance iSCSI block and object services with inline deduplication, inline compression and unlimited snapshots and clones.

About Data Dynamics

Data Dynamics is a leader in intelligent file management solutions that empower enterprises to seamlessly analyze, move, manage and modernize critical data across hybrid, cloud and object-based storage infrastructures for true business transformation. Its award-winning StorageX platform eliminates vendor lock-in and provides a policy-based, storage management platform to provide the insight, agility, and operational efficiency to transform your data assets into competitive advantage. For more information, visit www.datadynamicsinc.com.

About Nexenta

Nexenta is the market creator and leader in Open Software-Defined Storage (OpenSDS) software solutions for Hybrid and Multi Cloud enterprise environments via Nexenta AnyCloud vision; with nearly 6,000 customers, 300 partners, 50 patents, and more than 2,000 petabytes of storage capacity under management; disrupting and democratizing one of the largest and most oligopolistic IT market segments nearing $100B in size by 2020. Nexenta uniquely integrates its hardware-agnostic software-only enterprise OpenSDS innovation with deep "open source" collaboration via some of the most active communities with 45,000+ members. Nexenta enables a wide variety of workloads from legacy enterprise to next-gen cloud-native apps, on any cloud platform, any protocol and any hardware infrastructure to power the largest and most cost/performant data centers globally.
Nexenta OpenSDS solution portfolio is 100% software-based for both on and off premise settings. Nexenta provides organizations with Total Freedom protecting them against punitive legacy storage hardware vendor practices including, long term "vendor-lock-in", "vendor-bait-n-switch", and "vendor-rip-n-replace." Beyond its industry-leading software innovation and multi-channel distribution, Nexenta also provides comprehensive enterprise-class support and services 24x7, globally. For more information, visit www.nexenta.com.