Atempo and Huawei OceanStor for Fast and Efficient Data Migration

Fast, Comprehensive and Reliable Data Migration from any NAS or File Storage to Huawei OceanStor

Modernizing your storage or consolidating multiple storages to a Huawei OceanStor platform? Atempo's Miria for Migration opens the door to eliminating migration headaches and speeding up cutover times.

The Miria for Analytics companion dashboard lets you discover and assess your data sets across all NAS, shared storages, file servers or cloud storages. Knowledge is power and knowing more about your data will put you in the driving seat. The data migration planning process is shorter and actual migration can start and finish much sooner.

Miria for Migration has a proven track record in all industries: banking and finance, healthcare, media & entertainment, research and education, energy, and in the public sector.

How Atempo Miria Migrates your Unstructured Data

Miria for Migration is a powerful automated, and scalable solution for painlessly managing file migrations to Huawei file storage and finalizing your data migration project on time and on budget.

- **Discover and start planning your migration:** Built-in Analytics boosts initial data assessment. Migrate by filetype, size, age, project, metadata, etc. Gain clear insight on your data landscape to start migrating rapidly. Intuitive native web interfaces help configure incremental and automated migration projects. Drive shares and exports are also marked for migration.

- **Monitor the completion of your migration:** Dashboard and reports deliver at-a-glance migration reports and full audit reporting that simplify issue remediation. Data is migrated with zero production downtime using a mode limiting production impacts.

- **Secured and reliable migration:** Miria has built-in MD5 checksum controls to guarantee folder & file integrity at all stages of the process with associated user permissions and ACLs.

- **Any file size, any volume:** Miria's Data Mover engines adapt automatically to small and large files to maximize parallelization and performances. Adjust capacity by adding or removing Data Movers.

- **Predictable cutover:** Miria's efficient data movement capacity and comprehensive dashboards gives full control over the final cutover time.

Key Solution Benefits

Simple Web Interface
Single intuitive Web UI for analyzing, configuring, and monitoring.

Keep Cost & Time Under Control
Fast and reliable data & shares migration with reporting for on-time and on-budget migration.

Limited Impact on Live Storage
Successive automated transfer cycles combine with Fastscan to detect new & modified files.

Across Any File Storage to Huawei
Broad compatibility with files servers, NAS (NFS, SMB/CIFS), parallel storages (Lustre, GPFS, etc.) and Object or Cloud storages.

More Than Migration
Migration is one of the five pillars of Miria: archiving, backup, copy/move/sync and analytics services can be activated on demand.
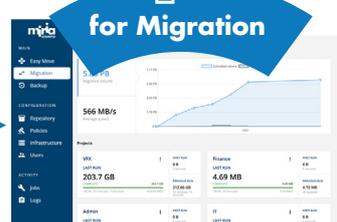
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Huawei OceanStor

Organizations are replacing their scale-out NAS storage with Huawei OceanStor All-Flash storage platform to:

- benefit from the high IO performances delivered by this technology for their file storages,

- lower their total cost of ownership by reducing energy consumption and physical footprint.
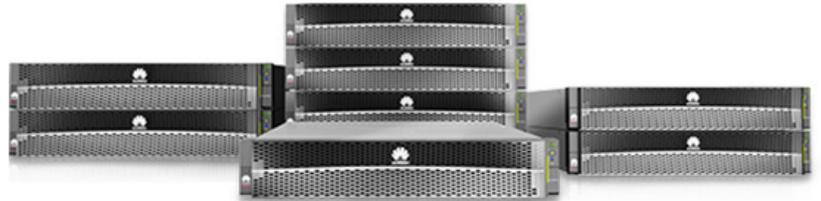
The OceanStor NAS supports cross-platform protocol sharing with support for CIFS/SMB, NFS, HTTP/FTP and NDMP protocols. It also offers comprehensive file management capabilities such as permission control policies, including tenant, quota, audit, multi-factor authentication, separation of rights, encryption, and destruction.

The Huawei OceanStor storage also benefits from a globally shared distributed file system and uses the directory balancing algorithm to eliminate controller bottlenecks, whereas the intelligent layout algorithm achieves 30% faster file traversal and location.

Atempo Miria for Migration

Atempo **Miria for Migration** provides the most cost-efficient migration solution to shift legacy file data sets to the Huawei file platform. Miria provides a full set of capabilities including initial data assessment with a built-in Analytics module to quickly get you started on your planning, secured incremental and automatic file migrations with reduced impact on production regardless of volume or file size.

Post migration, Atempo **Miria for Backup** can protect your Huawei storage from data loss and ensure lasting protection to customer target choice (air gap, cloud/tape, disk, multiple targets simultaneously).

Miria for Archiving provides you with the flexibility to move cold data to another Huawei storage in the cloud or to any cloud or tape format of your choice, cloud/disk/object, with the option to make them immutable and air gapped.

About Huawei

Huawei is a global provider of information and communication technology solutions, working with 45 of the top 50 operators in the world market. Huawei offers efficient, end-to-end solutions in telecom networks, mobile devices and cloud computing. Huawei products and solutions are deployed in more than 170 countries, serving more than one-third of the world's population. Established in 1987, Huawei is a privately held, employee-owned company.

About Atempo

Atempo is a leading independent European-based software vendor with an established global presence providing data protection and management solutions.

With over 30 years' experience, Atempo offers a complete range of proven solutions for physical and virtual servers' backup, laptops and desktops protection, and migration between different storages of very large data volumes.

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