MIRIA DATA MANAGEMENT · MIGRATION

miria

Relocate and Consolidate Massive Unstructured Data Sets — When & Where Needed

Migrating or relocating file volumes between storage is complex. Solutions such as rsync or robocopy are not scalable, require time-consuming checks, and can lead to data loss or impact production storage performances. Miria Migration is a data management software module that guarantees data integrity, keeps your storage operational and enables to complete data relocation project on time and on budget.

DO-IT-YOURSELF · THE TRAPS

Avoid the traps of a Do-It-Yourself approach

- Tests / time-consuming errors
- Missing files and folders or inaccessible migrated objects
- Storage production downtime
- Rapidly saturated networks and I/Os
- Incompatibility issues

4 KEY QUESTIONS FOR TEAMS MANAGING VERY HIGH CAPACITY STORAGE

- How long would it take to migrate the content from my existing storage to a newer, more powerful SAN/NAS?
- Can I migrate a massive number of files without stopping storage access for my users?
- How do I migrate user shares from one SAN/NAS to another and keep access rights fully intact after the migration?
- Can we migrate millions of files, folders and links between two storage platforms of different vendors or different technologies? From Lustre to GPFS or vice versa? Between Cloud storages? From Cloud to a local storage?

UNDERSTAND & CONSOLIDATE

Understand unstructured data landscape — Identify opportunities to streamline file placement.
Perform storage consolidations — Replace storage appliances — Reduce storage costs.

MIRIA MIGRATION KEY BENEFITS

- ✔ **Migrating files incrementally and automatically** between heterogeneous storages
- ✔ **Zero production downtime** — storage remains 100% operational
- ✔ **Automatic object integrity** and migrated file access checks
- ✔ **Adjust performances** by simply adding or removing a Data Mover
- ✔ **Complete Solution** — Software + Professional Services with initial audit, constant monitoring and final check
- ✔ The migration process can be transformed into data protection for the new storage using the same solution

"We tested several paying and free migration software products and we chose Miria because we were able to perform the final switch in under 4 hours. Talk about making life easier!"

— SOLUTION ARCHITECT · US DEFENSE SECTOR

MIRIA TECHNICAL

Why Miria Migration?

01 · RELIABLE

Powerful and reliable migration tool that lets you keep your old storage going until the new one is ready

During the migration of a production file system from one storage to another, Miria detects any modified or deleted object and manages the incremental forever synchronization. Storage migration has suddenly gotten a lot easier.

02 · PARALLEL

Highly parallel processes for optimal performance

Miria technology separates the detection of objects from the actual data movement. Unlike many other solutions, Miria starts moving data very early on and uses powerful parallel processing and multi-task mechanisms adapted to all file sizes.

03 · AGNOSTIC

Vendor-agnostic solution enables migration between different types of storages

Miria Migration collects files with their access rights and ensures full compatibility with target storage and protocol.

04 · SERVICE

Complete Migration and Software Services

Atempo teams work with you from the initial audit to the final sign off for all files and folders on your new storage, with full supervision of the successive migration phases.

TYPICAL MIRIA MIGRATION USE CASES

- **Local to Cloud** — Migrate data from local storage to cloud
- **Cloud to Cloud** — Migrate data from cloud provider A to provider B, to change to a new cloud provider or to move data from public to private cloud
- **Cloud to Local or back to on-prem** — Migrate data from cloud storage to local storage, a "reverse cloud" migration
- **Local to Local** — Migrate data between different storage technologies or different vendors, for instance from Lustre to GPFS or from GPFS to Lustre, from NAS to GPFS, etc.

All-in-One Data Management Platform

ANY WORKFLOW · ANY FILE STORAGE

Backup
Rapidly protect file storages from damage and loss. Guarantee continuity of access to valuable datasets and provide fast production recovery

Migration
Efficiently migrate data volumes and billions of files between dissimilar storage and file systems

Archiving
Free up expensive storage space on primary storages and ensure data preservation compliancy

Mobility
Move data files wherever necessary and synchronize datasets across heterogenous storages

WEBSITE
www.atempo.com