

NoMigrate™

redu»io

NoMigrate™

Teleport your data - instant data mobility and migration

KEY BENEFITS

INSTANT DATA MOBILITY

Migrate dozens of terabytes in seconds, eliminating long copy windows

WORKS WITH ANY STORAGE AND APPLICATION

Migrate physical and virtual workloads, from any 3rd-party iSCSI storage

DIRECT STORAGE-TO-STORAGE IO

Data is copied directly between storage systems with no impact on application servers

BUILT INTO EVERY REDUXIO SYSTEM

No need for additional migration software, hardware or services

DRAG & DROP, DONE.

Data migration typically involves complex manual projects that require a lot of human involvement and usually takes days to weeks to complete.

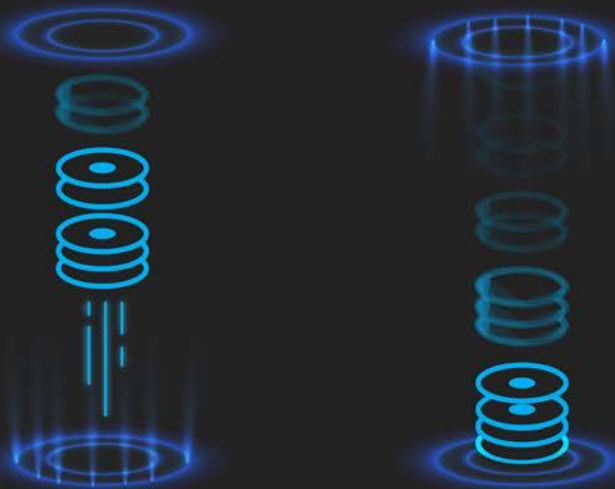
Reduxio NoMigrate is an advanced data migration and data mobility technology built into the Reduxio TimeOS operating system. Customers looking to optimize their IT infrastructure can instantly migrate data off their existing storage arrays to a Reduxio flash system, and immediately benefit from improved performance.

NoMigrate leverages the global virtualization of data location and the multi-tiering nature of Reduxio TimeOS ensuring minimal downtime for the applications by making data available during the process.

HOW DOES NoMigrate WORK?

To perform the migration, Reduxio is configured as a host to the source storage system which allows Reduxio to virtualize resources from the source system and migrate them. Once the NoMigrate process starts, all host I/O requests are sent to the Reduxio system as if all data already resides there. Writes are performed locally by the Reduxio system, hence are always fast.

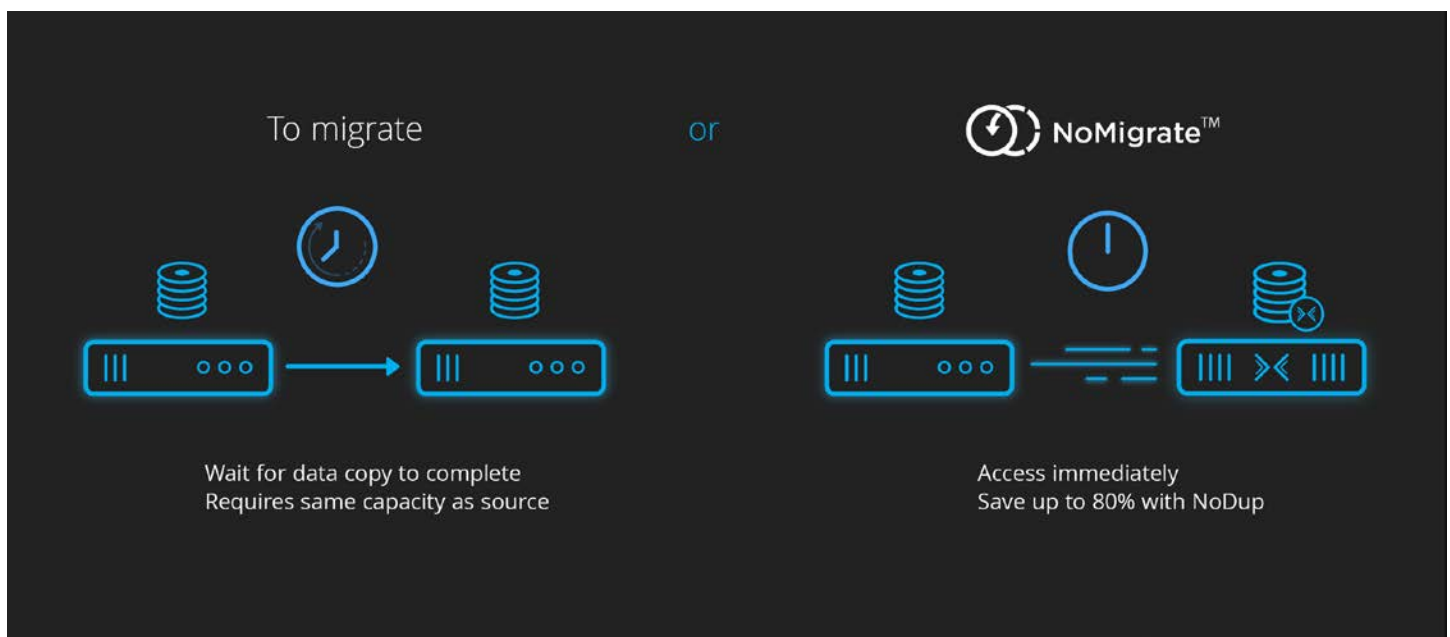
As soon as the NoMigrate operation starts, all the data is instantly available to users and applications directly from the Reduxio storage system. They can access any information as well as write new data to that volume.



A background process fetches all blocks from the source storage system and copies them into the Reduxio system in deduped and compressed format. When applications or users are reading blocks that were not migrated yet, NoMigrate will prioritize the copy of those blocks so they are immediately available for normal application operation. In addition to the instant availability, once the migration starts, migrated volumes are protected by BackDating and can be cloned back to any second.

NoMigrate and CDM

NoMigrate allows customers to capture data from their existing non-Reduxio production systems and instantly migrate it. When used in conjunction with Reduxio's NoRestore feature, customers can benefit from a Copy Data Management (CDM) like capabilities. They can easily create clones that are instantly available for multiple systems for test, development, reporting and other purposes. This can help customers to reduce overall infrastructure complexity and cost.



Migrated data is accessible immediately while actual data copy occurs in the background

Data is deduped and compressed

Instantly migrate physical servers and VMs

Simply drag and drop to migrate remote LUNs

Supports any 3rd-party iSCSI storage

Built into every Reduxio HX Series System