APPLICATION MIGRATION

Solution Brief

reduxio

APPLICATION MIGRATION

Instant Data Teleporting of physical and virtual workloads across systems and sites using a built-in, simple-to-use virtualization engine

KEY BENEFITS

INSTANT DATA MOBILITY
Move hundreds of terabytes across systems and sites in seconds without waiting for data copy to finish

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
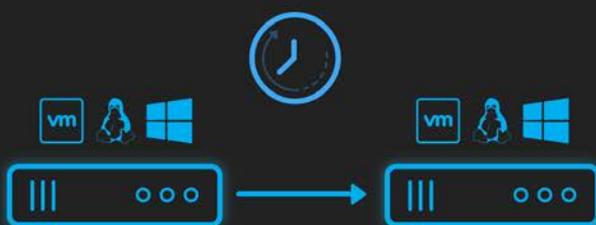No need for migration services, software or hardware

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Migrating applications data across systems and sites is an ongoing challenge that is sometimes required for reasons like decommission of aging storage, performance boost, load balance, move application between sites etc. Those migrations are usually very challenging and require a lot of planning and validations and in some cases it may require external tools. Long application downtime, that may take hours to days, is usually associated with this type of task since data needs to be copied across the systems.

NOMIGRATE - DRAG & DROP, DONE.

Reduxio NoMigrate™ is an advanced instant data migration and mobility technology built into the Reduxio TimeOS™ operating system. Customers can simply drag & drop the application's volumes from existing storage arrays into the Reduxio system allowing applications to start using the migrated data immediately. Applications also benefit from performance improvement since all IO is serviced by the Reduxio flash-based storage system. The applications owners benefit from a shorter, simpler migration process, since there is no need to wait for data copies to complete before starting the applications.
Reduxio NoMigrate leverages the global virtualization of data location and the multi-tiering nature of TimeOS, so migration of large applications data sets from 3rd-party storage or another Reduxio system, are almost seamless.

Traditional

NoMigrate™

Application is down until copy of the data completes

Application is available immediately

GLOBAL DATA ACCESS

Once the application data was migrated into the Reduxio system, applications owners can instantly create clones of the data, from different points in time and share them with other departments. Those copies can be used for tests, development, reporting, analytics and more, helping to reduce overall infrastructure complexity and cost. Global organization can leverage NoMigrate™ and NoRestore™ features within the Reduxio system to have those clones immediately available at sites that are half way across the globe, using a "teleporting" like technology, and by that, eliminate applications data access limitations.

THE REDUXIO HX SERIES

The Reduxio HX Series enterprise flash storage arrays, based on Reduxio's TimeOS™ storage operating system allow you to recover application data to any second in the past, eliminates most of the complexity associated with managing storage. The system is designed for the most demanding enterprise applications and provides exceptional performance and efficiency.

Reduxio's patented storage operating system, TimeOS , is designed to address customer storage challenges by leveraging advances in processing power and high-speed networks. Reduxio TimeOS uses data centric architecture to provide rich data management functionality.

Instant application data migration
Instantly make applications accessible to users while actual data copy occurs in the background

Easily create clones to test applications before any major change

Migrated applications immediately benefit from flash performance

Recover applications to the second before the corruption

Data is available immediatly at remote sites

Applications are automatically protected