

SOLUTION FOR DEVOPS

Solution Brief

redu»io

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Instantaneously clone, refresh and recover development environments
Redefine the dev-built-test workflow with data teleporting

KEY BENEFITS

SIMPLIFY DEVELOPMENT TO DEPLOYMENT

Consolidate environments, then clone and teleport them globally for other use cases

ACCELERATE DEVOPS INFRASTRUCTURE

Store all your dev, build and test environments on flash-first performance with in-line data reduction

AUTOMATE YOUR WORKFLOWS

Develop with a fully programmable storage - using a full REST API and key/value object tagging

INSTANT DATA RECOVERY

Recover environments back to any second, and instantly restore them from remote backup to the same location or anywhere else in the world

OPTIMIZE, ACCELERATE, INNOVATE

The Reduxio solution, centered around the TimeOS® storage operating system, provides DevOps engineers and cloud architects a solid platform to build upon, with exceptional efficiency, performance, instant data protection and mobility across sites.

The solution brings development environments exceptional efficiency, shorter workflows and sharing of data across sites using a combination of BackDating and NoRestore.

CLONE EVERY SECOND AND TELEPORT DATA

Using the built-in BackDating™ capability, data sets can be cloned from any point in time and are immediately available for dev, test, build or reporting systems as independent versions. Copies of data can be made available across multiple systems and geographies instantaneously using NoRestore™ allowing cross-site collaboration, software distribution and many other use cases.

Customers who want to continue using existing infrastructure for production can benefit from Reduxio's capabilities by using NoMigrate. NoMigrate is able to instantly migrate a volume or a copy of a production volume to a Reduxio system after which the data can be shared and cloned using Reduxio's unique capabilities.

Create multiple independent clones



NORESTORE

Reduxio NoRestore enables administrators to create incremental copies in the cloud or on another storage device. Those copies can be used to recover or to clone large data sets in a very short time, that feels like data was teleported, providing near-zero RTO.

Data transfer is secure and is very efficient since all data is always deduped and compressed. Administrators have full control on which data to protect, when to transfer it and for how long to keep it for.

Using NoRestore customers can capture production images, instantly share them to remote development and test sites, and bring these or others versions back to production.

NoMigrate

Reduxio NoMigrate™ is an advanced instant data migration and data mobility technology built into the Reduxio TimeOS operating system. By leveraging the global virtualization of data location and the multitiering nature of TimeOS, NoMigrate enables users to migrate large data sets from 3rd-party storage systems into a Reduxio system, or seamlessly move data between Reduxio systems. Using NoMigrate, production data located on other systems can be instantly migrated to the Reduxio system, and cloned further.

REDUXIO API

Developers can automate TimeOS workflows using the provided a RESTful API management interface, enabling the full configuration and management of the system

using standard REST clients. The Reduxio API Explorer is a built-in web-based API exploration tool and testing ground for developers to built and test their code around the API capabilities, calls, arguments and returned structures.



THE REDUXIO HX SERIES

The HX series enterprise flash storage arrays accelerate applications performance by serving the most active blocks directly from RAM and SSD. Data is stored in deduped and compressed format even at the RAM level, enabling entire VM farms to fit in. The HX series arrays with NoRestore, NoMigrate and BackDating provides a compelling storage solution for customers who are looking for the next generation of capabilities to enhance their DevOps environments.

Instant recovery to any second for development environments

Provision and recover data in VMware, Microsoft and OpenStack environments using native management

Manage primary storage, backup, DR, copy data management and cloud connectivity from the same console

Full REST API with 100% feature coverage and built-in API self-education exploratory portal

Distribute software and environments using instant data teleporting technology

Key/value tagging for simplified object tracking and customization.
