

To meet requirements for optimal data protection, Hitachi Replication Manager software guarantees data and application availability. It improves configuration management and efficiency, and minimizes downtime for critical IT systems for open systems and mainframe environments.

Hitachi Replication Manager Software

Simplify Complex Data Replication Tasks

Businesses that rely heavily on IT systems for mission-critical operations can risk significant losses from unplanned events. Since data drives our world, and information is the new currency, IT outages can become costly very quickly. For organizations seeking in-system or distance replication solutions, Hitachi Replication Manager software configures, monitors and manages Hitachi replication products on both local and remote storage systems. For both open systems and mainframe environments, Replication Manager simplifies and optimizes configuration and monitoring, operations, task management and automation* for critical storage components of the replication infrastructure. End users benefit from a uniquely integrated tool that allows them to better control recovery point and time objectives (RPOs and RTOs).

Hitachi Replication Manager software is part of Hitachi Command Suite. It leverages the powerful replication capabilities of Hitachi Universal Storage VM and the full Hitachi Virtual Storage Platform family. Replication Manager combines reporting, mirroring and features previously available

in separate offerings. It also decreases management complexity while increasing staff productivity and provides greater control through a single, consistent user interface.



Replication Manager supports:

- In-system replication, with Hitachi Thin Image snapshot and Hitachi ShadowImage Replication software.
- Remote replication, with global-active device, Hitachi TrueCopy and Hitachi Universal Replicator.

Improve Operational Efficiency

Hitachi Replication Manager software improves the efficiency of IT and data protection operations:

- Leverages a centralized management tool for all replication products.
- Improves service levels by reducing planned and unplanned downtime of customer-facing applications.
- Accelerates deployment of replication solutions through wizard-based configurations.

- Maximizes the use of network and storage resources.
- Mitigates disruption to production operations.
- Augments storage manager productivity by streamlining the administration of critical replication cycle functions.
- Improves the ability to troubleshoot Hitachi Universal Replicator asynchronous remote replication RPO issues and take corrective data replication actions.

Replication Manager supplies usage and monitoring information to the new Replication Tab in Hitachi Command Suite. This information enables automatic alert marking for replication status, usage rates of Universal Replicator journals and available capacity of Hitachi Thin Image snapshot pools. The asynchronous replication transfer time, also called consistency time, between the primary and secondary volumes is also monitored to trigger alerts when the consistency time delta exceeds the established RPO.

The Replication Tab also enables the end user to perform the necessary steps to analyze and resolve an asynchronous RPO issue. It can be accessed through either the Wizard Mode for novice users or the Advanced Mode for experienced users.

Strengthen Operational Resilience

Hitachi Replication Manager software is at the heart of data protection operations and provides a unique heterogeneous solution that enhances resilience of the data infrastructure.

Replication Manager software:

- Manages replication operations with Hitachi Device Manager for single and multisite configurations.
- Allows management of both mainframe and open pairs with a consistent interface.
- Improves critical data asset protection processes, enhancing the ability to meet stringent RPOs and RTOs.
- Protects more data more effectively and efficiently through ease of use.
- Improves business resilience and confidence through frequent, nondisruptive disaster recovery testing with current and accurate data.
- Mitigates the risk of unauthorized operations and secures recovery operations.
- Improves the ability to reliably automate critical replication operations.
- Automates complex disaster recovery and planned outage functions, dramatically reducing recovery times.
- Enables advanced 3-data-center disaster recovery configurations and extended consistency group capabilities.

FEATURE HIGHLIGHTS*

Hitachi Replication Manager software employs the following features to configure, monitor and manage Hitachi replication products for open systems and mainframe environments:

- **Replication configuration management** lets end users set up all Hitachi replication products without requiring other tools, for both local and remote storage systems, including communication port configurations. It provides support for multiple data centers and multiple storage systems at each data center.
- **Multiple-user design and role-based user access control** achieve stringent access control for multiple users.
- **Task management** allows scheduling and automation of the configuration of replicated data volume pairs.

- Provides built-in capabilities for monitoring and managing critical performance metrics and thresholds for proactive problem avoidance.
- Supplies a simplified graphical user interface with filtering capability and display options.

Services

Hitachi Data Systems Global Services Solutions (GSS) provides the Implementation Service for Hitachi Replication Manager software. This service helps organizations improve testing and deployment operations. GSS consultants tailor the configuration and integration of Replication Manager software to serve an organization's backup and recovery application requirements, whether in open systems or mainframe environments.

Complementary and Optional Software

- Hitachi ShadowImage Replication.
- Hitachi Thin Image snapshot.
- Hitachi TrueCopy replication.
- Hitachi Universal Replicator.
- Hitachi Data Instance Director.

Hitachi Replication Manager is available as a standalone software offering, and it is also included in the Hitachi In-System Replication and Hitachi Remote Replication bundles.

* Please check with Hitachi Data Systems for detailed availability of features and updates.

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