



HITACHI
DATA SYSTEMS

Hitachi Business Continuity Manager Software for IBM® z/OS®

Partner Beyond Technology





Hitachi Business Continuity Manager Software for IBM® z/OS®

Traditional approaches to setting up, managing, and recovering from outages can be labor-intensive and span several hours. Hitachi Business Continuity Manager software for IBM z/OS provides centralized, simplified, and automated enterprise-wide management of Hitachi Universal Replicator, Hitachi TrueCopy™ Remote Replication, and Hitachi ShadowImage™ In-System Replication software in mainframe environments.

Hitachi Business Continuity Manager Software—Centralize, Simplify, and Automate Enterprise-wide Data Replication Management

In a world of just-in-time delivery, global supply chains, around-the-clock customer demand, and competition that's just a mouse click away, businesses cannot afford to gamble with the threat of planned or unplanned downtime. An essential component of today's business continuity strategy is the ability to simplify the management of data replication processes so critical information is fully protected and available in the event of an outage.

Hitachi Business Continuity Manager software for IBM® z/OS® offers centralized, enterprise-wide replication management for IBM z/OS mainframe environments. Through a single, consistent interface based on familiar TSO/ISPF full-screen panels, Business Continuity Manager software automates Universal Replicator, ShadowImage, and TrueCopy operations.

Access to critical system performance metrics and thresholds allows proactive problem avoidance and optimum performance to ensure that service-level objectives are met or exceeded. The Business Continuity Manager auto-discovery capability eliminates hours of tedious input and costly human error when configuring and protecting complex, mission-critical applications and data.

Business Benefits

Ensure Business Continuity

- :: Improves business resilience and confidence through frequent, nondisruptive disaster recovery testing with current and accurate data
- :: Automates complex disaster recovery and planned outage functions, dramatically reducing recovery times
- :: Enables “three data center” disaster recovery configurations
- :: Provides built-in capabilities for monitoring and managing critical performance metrics and thresholds for proactive problem avoidance
- :: Delivers auto-discovery of enterprise-wide storage configuration and replication objects, thereby eliminating tedious, error-prone data entry that can cause outages
- :: Eases the development of additional automation with built-in automation and extensibility features, using the familiar REXX language to protect more data with less effort

Improve Productivity and Processes

- :: Provides centralized management of Universal Replicator, TrueCopy, and ShadowImage solutions, wherever they reside
- :: Decreases management complexity while increasing staff productivity and providing greater control than previously available

- ⚡ Accelerates deployment of Universal Replicator, TrueCopy, and ShadowImage solutions through a single, consistent user interface based on the familiar TSO/ISPF full-screen panels
- ⚡ Improves service levels by reducing planned and unplanned downtime of customer-facing applications
- ⚡ Shortens time to deploy new business applications

Reduce Operational and Capital Costs

- ⚡ Reduces staffing and training expenses

Feature Highlights

- ⚡ Defines copy groups that contain multiple replication objects with similar attributes that can be managed with a single command
- ⚡ Eliminates errors and streamlines management with auto-discovery for all replication objects
- ⚡ Views the status of all enterprise-wide replication objects in real time
- ⚡ Accesses key replication metrics with built-in performance monitoring

- ⚡ Provides automatic notification of key events completion, such as pair state transitions, timeout thresholds, and other system events
- ⚡ Enables multisite remote replication management for wide-area disaster protection with minimal data loss
- ⚡ Employs NanoCopy™ disaster recovery manager technology to deliver nondisruptive, periodic, point-in-time remote data copies across any number of storage systems and over any distance

Reduce—or Eliminate—Outages. Shorten the Backup Window. We're at Your Service.

The Hitachi Data Systems Global Solution Services (GSS) team can help you address your backup and recovery needs through services that support Universal Replicator, TrueCopy, and ShadowImage software. Quick Start and Implementation Services are available for both open systems and mainframe environments. These services assist you with configuration and basic control of Hitachi storage system-based data mirroring. They also help you support your data replication requirements, including backup and recovery, testing and development, business continuity, and disaster recovery. The Quick Start Service for Hitachi In-System Replication Software includes conversion to Business Continuity Manager software's management capabilities.

Complementary Solutions

Hitachi Universal Replicator Software for TagmaStore® Universal Storage Platform

Designed to asynchronously replicate data hosted on TagmaStore Universal Storage Platform, Universal Replicator software can copy data over any distance for outstanding business continuity. Compared to traditional replication solutions, Universal Replicator software significantly reduces cache utilization and increases bandwidth utilization by leveraging disk-based journaling. In addition, the software can mitigate the impact of network failures and data corruption by intelligently combining synchronous and asynchronous replication to enable rapid recovery.

Hitachi TrueCopy Remote Replication Software

Available for both open systems and z/OS environments, TrueCopy software is the industry's first storage hardware-based, serverless, synchronous or asynchronous, remote copy solution that replicates data over any distance when coupled with channel extension products from Hitachi Data Systems partners, including CNT, Cisco, and McDATA.

Hitachi ShadowImage In-System Replication Software

The high-speed, nondisruptive, local mirroring technology of ShadowImage software rapidly creates multiple copies of mission-critical information within all Hitachi storage systems while keeping data RAID-protected and fully recoverable—without affecting service or performance levels. Together, TrueCopy and ShadowImage software allow users to maintain up to 20 copies of information that can be moved to a secondary system at local or remote sites and can be deployed in disaster recovery scenarios.

Hitachi Compatible Mirroring Software for IBM FlashCopy®

Hitachi Compatible Mirroring software for IBM FlashCopy® provides superior, hardware-based, point-in-time copies for data duplication,

data migration, remote copy, and disaster recovery in IBM mainframe environments. These copies are designed to allow applications to access both the source and target copies almost immediately. Compatible Mirroring software for IBM FlashCopy is functionally compatible with the IBM z/OS FlashCopy product.

Hitachi Compatible Replication Software for IBM XRC®

The optional Hitachi Compatible Replication software for IBM XRC® (formerly known as Hitachi Extended Remote Copy or HXRC) is a cross-licensed technology shared by Hitachi Data Systems and IBM. Compatible Replication software enables customers to create and share server-based, volume-level, remote copies between selected Hitachi storage systems and an IBM Enterprise Storage Server®.

NanoCopy Disaster Recovery Manager Technology

Unique NanoCopy disaster recovery manager technology from Hitachi, along with TrueCopy asynchronous consistency groups for z/OS environments, provides continuous, nondisruptive, I/O-consistent, point-in-time remote data copies that span multiple Hitachi storage systems to protect against rolling disasters. The result is an always available, online, rapidly restartable copy of the data as it existed just prior to a disaster.

Replication Automation Conversion Services

GSS can help ease and ensure your environment's successful transition so you can enjoy the benefits of the new software more quickly and efficiently. In this service, we provide a functional review of your existing scripts, conversion of your scripts to Business Continuity Manager software scripts, functional validation of the converted scripts, and onsite assistance during production turnover.

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