

Improve Availability and Optimize Your Replication Investment

Replication Reporting and Management Services from Hitachi Data Systems maximize the availability of your infrastructure and optimize your replication investment.

Ensure Optimal Levels of Availability

IT Management Challenges

Information has become a critical asset to all organizations, and they rely on their IT systems to keep that information accessible and available. Unplanned events or disasters can disrupt mission-critical operations by affecting access to and availability of information, causing significant financial losses and business impacts.

Point in fact: To ensure the high availability of today's IT operations, infrastructure investments have increased significantly to create replicated environments that ensure optimal levels of business continuity. Once these replication environments are designed and implemented, their constant maintenance and management can be complex and resource intensive. Proactive monitoring and management is essential for identifying and preventing potential replication issues before they become a serious obstacle to availability when facing an outage. But these critical tasks are often neglected as companies must allocate resources to balance new projects.

Solution

Replication Reporting and Management Services report, monitor and proactively configure Hitachi replication solutions on both local and remote storage systems.

These services simplify and optimize the configuration and monitoring of critical storage components for the replication infrastructure. Users benefit from a set of remotely operated best practice reporting and management services that free up IT organizations to focus on supporting the business while improving control of recovery point objectives (RPOs) and recovery time objectives (RTOs). This leverages the powerful replication capabilities of Hitachi storage systems for replication reporting and mirroring. It also decreases management complexity, allowing IT staff to take on other tasks, and provides greater control through a single, consistent user interface.

Our experts remotely and nondisruptively view the current state of the replication environment and continuously monitor

information on storage capacity and performance trends, performance thresholds and infrastructure maintenance. If performance issues are detected or your systems are approaching critical thresholds, we send alerts along with best practice recommendations to quickly resolve the issues before they affect your ability to meet RPOs and RTOs.

Service Description

Replication Reporting and Management Services provide a monthly replication management report that is customized to your requirements (see Figure 1). These services are performed with Hitachi skilled storage management consultants in our Service Operations Centers. The reports from these services include details of all replication alerts generated in the month and the following replication metrics:

- Buffer overflows, which check buffer usage (pools, journal groups, sidefiles)
- Pair status, which provides monthly status of copy pairs

- License status, which reports usage of copy license based on the volume of data being replicated
- Performance of
 - Copy groups
 - Journal groups
- Consistency of delta or write delay time

Based on agreed-upon parameters, Hitachi Data Systems remote expert consultants can proactively address problems in the replication environment with remote provisioning or remote configuration capabilities.

Your Success Is Our Top Priority

Replication Reporting and Management Services can boost data and application availability, improve configuration management and efficiency, and minimize downtime for critical IT systems.

Take the next step and contact us to see how we can help you increase availability. Contact your Hitachi Data Systems account representative and ask how we can transform your environment or visit us at www.HDS.com/services.

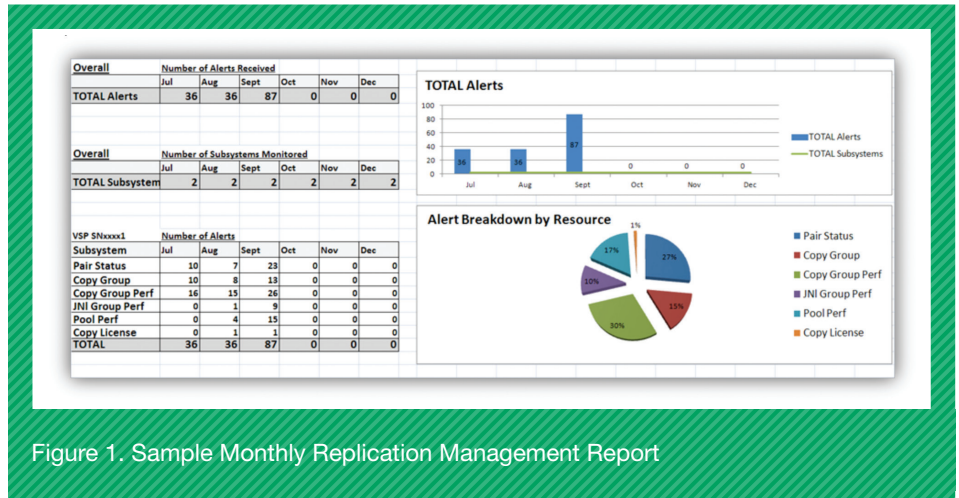


Figure 1. Sample Monthly Replication Management Report

BENEFITS OF REPLICATION REPORTING AND MANAGEMENT SERVICES

Replication Reporting and Management Services improve the efficiency of IT and data protection operations:

- Automate time-consuming administration of critical replication cycle functions.
- Focus your IT resources on strategic projects.
- Mitigate disruption to production operations.
- Improve service levels by reducing planned and unplanned downtime.
- Quickly restore application-critical data.
- Strengthen your ability to take corrective actions.
- Continuously monitor thresholds and receive automated alerts when defined thresholds are met.
- Simplify reporting and auditing for IT resources on strategic projects.
- Obtain customized reports for automatic distribution to key personnel.



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