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Quick-EDD/HA

Simple, Efficient, Complete HA/DR for IBM i

Quick-EDD/HA is a full-featured high availability and disaster recovery solution designed to protect critical IBM i applications and data from loss and downtime simply and efficiently. Quick to install and configure, Quick-EDD/HA delivers fast, no-lock synchronization that accelerates your time to protection. Real-time replication, synchronization audits and customizable switch procedures can be managed through 5250 screens or a graphical interface offering support for seven languages.

Key Features

Fast, Efficient Real-Time Replication

- Assures transaction integrity with IBM i local journaling

- Scales from SMB to Enterprise workloads

- Expands to multi-node environments

- Offers compression and encryption

- Provides continuous data protection

- Replicates between mixed hardware, storage and IBM i OS versions

- Minimizes bandwidth usage whether the backup server is local or remote

- Supports a variety of configurations, including bi-directional and broadcast

- Allows access to replicated data for business operations or IT maintenance

- Scrubs personal data during replication with Quick-Anonymizer add-on

Complete HA/DR Protection

- Fast synchronization for quick time to protection

- Continuously monitors replicated data and repairs any changes

- Scheduled or on-demand audits correct out of sync data and objects

- Allows a switch at any time

- Built-in switch procedures can be run step by step, interactively or in batch mode

- Tracks jobs to enable resumption after failover

- Supports RTO in seconds to minutes and sub-second RPO

- Displays latency indication for RPO visibility

Easy to implement and manage

- Fast installation and configuration

- 5250 interface or graphical interface with support for seven languages

- Shipped with tools for analysis, monitoring, specific configurations and more

- Provides reports on environment, job logs, errors and more

- Enables unattended monitoring with MSGQ, email and SNMP alerts – and a Nagios plug-in

How It Works

Quick-EDD/HA replicates a wide variety of objects, including database objects, IFS, system values, user profiles, spool files, job queues, job scheduler and more from a production server to a backup server that stands ready to assume the production role. Synchronous replication built on IBM i local journaling assures data integrity. Replication is supported between different hardware, storage and IBM i operating systems, whether the servers are in the same data center or across the globe. One-to-one, one-to-many, many-to-one, bi-directional, daisy-chain, broadcast and single-system replication configurations are supported, and configurations can expand to multi-node environments.

Replicated data on the backup server is validated to ensure it remains in sync with the production server through scheduled audits, on-demand audits and continuous monitoring. Out-of-sync conditions are automatically and efficiently repaired without being placed on hold.

Quick-EDD/HA provides both 5250 and graphical user interface options, with support for seven languages in the GUI. Alerts can also be configured through email, MSGQ and SNMP, with a plug-in for Nagios. In the event of a planned or unplanned outage, customizable, built-in switch procedures can be run step-by-step, interactively or in batch mode. Tools are also shipped with Quick-EDD/HA to support functions such as analysis, monitoring, and specific configuration scenarios.

System Requirements

- IBM Power Systems running IBM i 6.1, 7.1, 7.2 or 7.3

- Supports on-premises, hosted or cloud configurations, including hybrid environments

- Supports replication between storage types and OS versions

- Supports replication between internal, external, and SSD storage

- Supports replication of both SYSBAS and iASP data

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