

Rocket Software and IBM i Solution Editions protect data and complement PowerHA

IBM i, Rocket iCluster and Rocket iCluster HA Assist deliver speed, safety and scalability at a price that makes sense



Highlights

- Offers high performance along with simplified configuration and usage
- Incorporates high-availability features that enable organizations to avoid unplanned outages and minimize scheduled downtime
- Includes a menu-based framework for ease of switching
- Integrates with IBM PowerHA SystemMirror for i to provide a resiliency solution for data and applications
- Lowers total cost of ownership for data protection and high availability
- MatchMerge function helps to ensure protection from costly out-of-sync conditions

Today's IT departments are challenged with protecting critical business data while maintaining system availability and optimal performance. The pressure is on for 100 percent system uptime while still ensuring the best-possible performance. Risk of data loss due to disasters of any kind must be minimized because the financial impact could be catastrophic. With so much at stake, the choice of high-availability (HA) and disaster-recovery (DR) solutions should be carefully considered.

Rocket iCluster and Rocket iCluster HA Assist high-availability and disaster-recovery solutions for IBM® Power®, IBM PowerISE or IBM PureFlex™ customers running IBM i provide high uptime with a low total cost of ownership (TCO). Features such as high-fidelity data replication, fast operational switching, continuous sync check processing and functionality that can make any server the master are key factors in a robust solution. A simple, transparent pricing model simplifies budgeting and makes it easy to calculate return on investment.

Rocket iCluster and Rocket iCluster HA Assist provide business continuity assurance for companies of all sizes

High-fidelity data replication helps ensure data integrity and readiness of backups through sync checks, reduced administration and an accurate picture of users' high-availability status. The MatchMerge function eliminates costly downtime that can result from out-of-sync conditions by applying system audit and database transactions in the proper sequence on the backup node.





Switching speed—and the speed of the apply process—is critical for optimal performance, especially if the recovery server is not local. The Access Path Rebuild Controller in Rocket iCluster enables the rebuilding of access paths by the operating system to be controlled and optimized, helping to ensure that the apply process does not limit switching.

Rocket iCluster and Rocket iCluster HA Assist are designed for remote recovery system optimization, whether the recovery site is 10 miles or 10,000 miles away. Continuous sync-check processing built into both products means that users spend less time administering their HA solution and more time running their businesses. This sync-check processing includes file contents, user-customizable alarms and alerts, and the ability to automatically fix out-of-sync and suspended objects while saving bandwidth by sending only the records in error.

The ability of Rocket iCluster and Rocket iCluster HA Assist to send a configuration to all nodes and keep them in sync allows any server to be the master. In a disaster, the available server may not be the one planned for target, and the ability to switch to any node in the cluster depends on each node having the most current copy of all replication metadata. Rocket iCluster and Rocket iCluster HA Assist solve this problem by enabling administrators to configure the product on any node in the cluster, eliminating the need to reconfigure the product after a failover. The multiple-master feature provides optimal flexibility, ensuring that users can meet any challenge.

“We had users working on the DR system within 20 minutes of the live iSeries being taken down...with no loss of data from source. Job done—as they say, ‘it does what it says on the tin.’”

—Chris Jackson,
iSeries Administrator, international freight forwarder Davies Turner



Rocket iCluster HA Assist provides a low-cost, complementary solution to allow IBM i PowerHA® SystemMirror® for IBM i customers to handle objects or applications that reside in *SYSBASE or QGPL, or that are not IASP-enabled. PowerHA and Rocket iCluster HA Assist provide the best of both solutions' disk clustering-based replication for ease of administration, and logical software replication that allows concurrent access to production and backup data even across different IBM i releases.

IBM i Solution Editions help build business value

IBM i Solution Editions are designed to help businesses take advantage of the combined experience of both IBM and independent software vendors (ISVs) in building business value with IT investments. The Solution Editions are built on IBM POWER7® processor-based systems, which represent a true leap forward to more intelligent systems that reduce complexity, decrease energy consumption, minimize downtime and drive down operational costs. Coupled with the total integration delivered by IBM i and the Solution

Editions system discount, these solution offerings deliver the performance today's businesses need along with low total cost of ownership. Each Solution Edition provides a simplified, easy-to-manage, high-performance IT environment for core business applications.

Solution Editions are offered through an extensive, highly skilled worldwide network of IBM Business Partners that is backed by the trusted services and support infrastructure of IBM. The IBM i Solution Editions are available for the IBM Power 720 Express and IBM Power 740 Express.

Rocket Software and IBM offer complete hardware- and software-based solutions for high availability and disaster recovery

The combination of PowerHA SystemMirror for i and Rocket iCluster HA Assist provides a robust hardware- and software-based solution. By itself, Rocket iCluster offers a complete software-based solution to meet the needs of every business, large or small. Rocket Software has been a valued IBM Business Partner for more than 20 years and is deeply committed to the IBM i environment. The total integration delivered by IBM i, plus the Solution Editions system discount, bring the benefits of high availability and disaster recovery within reach for every business.

The bottom line

Together, IBM and leading ISVs provide solutions that combine the power of IBM Power Systems™ and IBM i with the strength of business applications, along with superior services and support. IBM i Solution Editions can help businesses achieve:

- Increased insight for more assured decision making
- Improved productivity, efficiency and responsiveness
- Reduced costs through increased flexibility
- Adaptability to business change
- Higher productivity
- Competitive total cost of acquisition and proven TCO

For more information

To learn more about the IBM i Solution Editions, please contact your IBM marketing representative or IBM Business Partner, or visit:

- ibm.com/systems/power/hardware/editions/solutions.html
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