

## IBM i 7.4 and HA4i

### Logical replication for high availability and disaster recovery

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#### Highlights

- Continued user access
- Avoid data loss
- Benefit from remote backups
- Prepare to overcome system outages
- Rely on audit notifications
- Plan system switches for continued access
- Take advantage of best support services
- Operate with less day-to-day maintenance

HA4i is for organizations who require continuous access to their data, secure backups and speedy recovery in case of a system outage. HA4i is a full-function high availability solution that provides the ability to securely replicate your important system data and objects between systems.

Business environments are changing, with more demands for continuous availability and less tolerance for system downtime or data loss creating high demands on your systems and infrastructure. HA4i is designed to meet new regulatory requirements for system availability performance to ensure compliance with service agreements. It is a cost-effective solution for IBM i that is fast, efficient and simple to use.

In today's era of cloud, digital reinvention, artificial intelligence (AI), mobile computing and analytics, IT decisions are more critical than ever before. Choosing IBM i running on an IBM Power Systems server as the foundation for a modern infrastructure means delivering on the promise of these key technologies. Companies need to know that their systems and business processes will meet the highest service levels defined by their business units while being adaptable to handle new business requirements and opportunities.

For many years, IBM i running on Power Systems servers has helped companies to focus on innovation and deliver new value to their business, rather than diverting money and people to manage their data center operations. When paired with POWER9, IBM i applications perform at the highest level of speed and agility while providing infrastructure flexibility and modern capabilities with the opportunity to lower operations costs. These key benefits—reliability, availability and flexibility have allowed many clients today to gain critical business advantages by tying in cognitive technologies such as AI, IoT and machine learning.

HA4i on POWER9 and IBM i uses Remote Journal technology, offers fully automated replication processes and complete auditing functionality with an optional PHP interface for monitoring. The fully automated role-swap ensures system maintenance can be implemented with minimal interruption to users. The software installs similar to an IBM i licensed program, a process familiar to your operators.

### **Reduces Downtime in Case of a System Outage**

Customers rely on HA4i to keep their data in sync across systems and in readiness for a system outage. It is an ideal tool to speed up recovery of operations.

### **Secure Remote Backups**

Logical replication of relevant data synchronizes from production to back up system. HA4i is robust in high volume environments.

### **Ensure Continued Online Operations 24/7**

Day to day operations are not only backed up, but with HA4i a planned system switch enables business continuity during system maintenance.

### **Easy to Implement and Simple to Maintain**

Written with modern code, HA4i is known for its uncomplicated approach. It is easy to install and simple to maintain on an ongoing basis.

### **Reduced Systems Management**

With automated high availability environment management tools, HA4i improves day to day management.

### **Why IBM i and HA4i?**

Shield Advanced Solutions has been providing products and services for IBM i for over 20 years. The products we have developed are built on many years of experience and heavily influenced by customer input. Up-to-date modern code ensures our products perform well in the most demanding environments with minimal maintenance. The support provided by Shield matches the best in the industry- we go the extra mile to ensure our customers are happy with the solutions we provide. Shield's HA4i brings peace of mind, 24/7 availability, speedy recovery and avoids data loss.

## Why IBM?

For over a century, IBM has pioneered technologies and provided services that help companies manage and mine their valuable business data. And for 25 consecutive years, IBM has topped the annual list of US patent recipients—receiving a record-breaking 9,043 patents in 2017. In addition, IBM Power Systems are trusted by 78 percent of the Fortune 100. Further, every one of the top 10 banking firms have Power Systems, as do 80 percent of the top insurance and retail companies.

## Next steps

### Learn more and request a demo of HA4i

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To learn more about IBM i 7.4, please contact your IBM representative or IBM Business Partner, or visit the following website:

<https://www.ibm.com/it-infrastructure/power/os/ibm-i>

To learn more about HA4i, please contact your IBM representative or IBM Business Partner, or visit the following website: <https://www.shieldadvanced.com/HA4i.php>

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