

Does your organization face significant financial and regulatory consequences if mission critical applications or systems become unavailable? Then it's time to evaluate your options for deploying a high availability (HA) and disaster recovery (DR) solution.

We offer multiple HA and DR solutions that are optimized for IBM Power Systems™ servers running AIX®, Linux® and IBM i environments. In combination with IBM disk storage, they provide a cost-effective way to promote availability, detect failures and recover critical business applications during planned or unplanned outages. Unlike general-purpose products, these solutions offer tight integration with existing hardware—plus, the features, performance and reliability you require to protect vital assets and business interests.

The business problems we're solving

Most businesses need to ensure the availability and accessibility of data and applications. Any type of system outage can significantly affect operational performance, worker productivity and service delivery. Our HA and DR solutions address these critical business requirements by using proven clustering and failover technologies to minimize or eliminate downtime.

Solutions benefits

Our solutions allow a business to create an affordable, customized strategy for ensuring HA and DR. For a reasonable investment, you can:

- Minimize or eliminate downtime
- Ensure accessibility to data and applications
- Improve productivity and security (IPv6)
- Lower costs by in-sourcing disaster recovery.

An overview of our solutions

Our HA and DR solutions are part of a comprehensive portfolio of hardware, software and services for improving the reliability, performance and manageability of applications running on IBM Power

Systems servers. They enable an organization to deploy an integrated topology that is affordable to maintain and easy to manage.

Careful analysis of your current capabilities is used to identify business-driven, data-driven and event-driven vulnerabilities and to pinpoint the best approach for enhancing your infrastructure. Depending on your requirements, you can take advantages of storage clustering to mirror data between nodes located at local or remote sites. Power Systems server users running IBM i can further enhance resiliency by using HA technology to perform routine role-swap operations.

How this solution helps

Minimize or eliminate downtime

You are able to implement the solution that best matches your infrastructure, budget and user requirements. Simple controls allow you to configure a solution to react to hundreds of system events so that outages or required maintenance have minimal affect on availability. Just as important, available mirroring technologies enable critical systems to recover quickly from site-wide failures or even large-scale disasters.

Ensure accessibility to data and applications

Integrated monitoring automatically restarts critical services on backup servers if unplanned outages occur.

During scheduled maintenance, your solution ensures that users, applications, data and other system resources are transferred to backup systems.

Advanced functions mean that failovers to critical applications and data repositories are completed in minutes—not hours.

Improve productivity and security

Overall system administration is easy using an available graphical user interface (GUI), which allows you to manage multiple clusters from a single console located outside the cluster domains. Security and compliance are enhanced through support for Internet Protocol version 6 (IPv6) and persistent address configuration and recovery. IPv6 also delivers the added advantage of meeting U.S. federal government mandates for client access.

Lower costs by in-sourcing disaster recovery

Because solutions support synchronous and asynchronous mirroring, they provide affordable ways to replicate production data to remote locations without the significant expense of a third-party provider. Available options provide unlimited geographic dispersion with minimal impact on application and data performance. Cost savings from in-sourcing critical functions can be significant.

Businesses that need this most

Finance/Banking, Retail, Healthcare/Insurance, Telco/Utilities/Media, Distribution/Process, Manufacturing and Education.

Because of our data-driven economy, many businesses need affordable technologies for maximizing availability and recovery. With their advanced feature set and intuitive controls, our HA and DR solutions allow your organization to meet these key requirements with minimal user intervention, less system complexity and lower total cost of ownership [TCO].



To learn more, contact:
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