
Double-Take[®] AVAILABILITY[™]

Simplified High Availability with any-point-in-time recovery for critical AIX applications and data

Have confidence that your infrastructure supports your business and enables profitability with Double-Take Availability for AIX, the industry's most straightforward disaster recovery and high availability solution for IBM Power Systems running AIX. Full-featured, with continuous data protection (CDP) and automated failover, Double-Take Availability provides true high availability for physical and virtual AIX environments.

- Easy-to-Use High Availability for your critical AIX applications and data
- Simple management and control
- Flexible recovery from any point in time
- Superior replication technology and performance
- Surprisingly affordable

Automated Failover

Double-Take Availability for AIX has simplified failover management to meet the most aggressive Recovery Time Objectives, providing high availability for the masses.

- Monitoring and automated failover ensures business continuity for customers, partners, and employees
- Failover to local or remote nodes for reliable, affordable offsite data protection
- Protects both physical and virtual AIX environments
- Eliminates the IT costs and business consequences of downtime and data loss
- Removes the exposure to major data loss of conventional backup and restore technologies

Rock Solid Replication

Double-Take's replication technology provides superior performance that allows for a high level of system scalability and satisfies aggressive Recovery Time Objectives.

- Reliable, affordable offsite data protection
- Supports physical and virtual environments
- Real time capture of data changes and replication to a recovery system
- Maintains write order consistency to ensure data integrity for disaster recovery
- Intelligent and efficient re-sync of production and recovery systems in the event of lost connectivity
- In the event of a disaster, applications can be immediately restarted on the recovery system
- Eliminates the IT costs and business consequences of downtime and data loss
- Ensures business continuity for your customers, partners and employees
- Removes the exposure to major data loss of conventional backup and restore technologies
- Storage independence avoids vendor lock-in and maximizes existing storage investments

Easy-to-Use Management

Complete protection is at your fingertips with the advanced capabilities of Double-Take Availability for AIX.

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- Push button failover
 - Advanced automation to save time and money
 - Intelligent monitoring with visual indications of application and server health
 - Vision Solutions Portal provides browser-based monitoring and control of replication and CDP capabilities from any location and device with a browser
 - Single view of multiple instances of Double-Take RecoverNow for AIX and MIMIX Availability

Flexible Recovery

Our integrated continuous data protection technology - RightTime CDP™ - allows administrators to “dial back” quickly and easily return an application or database to any previous point in time and supports the widest range of Recovery Point Objectives.

- RightTime CDP™ enables recovery from any point in time
- Go back in time to restore lost or damaged data due to system failure or human error
- Most flexible recovery points in the market
- Nearly instantaneous recovery at the push of a button
- RPO meets regulatory mandates and widest range of SLAs

Improved Productivity

Not only will you achieve a rapid return on your Double-Take Availability investment by recovering the time and expense normally lost to downtime, you'll add to your ROI both as you meet compliance regulations and as you perform maintenance, upgrades and even test new applications without interruptions to business operations.

- Snapshot your data at a specific point of time and use replicated data in a variety of ways
- Eliminate backup windows by performing your tape backups on replicated data with no production downtime
- Testing new or modified applications on the secondary system poses no risk to production processes
- System maintenance can be performed on the production server while system users work on the secondary system
- Easily test and validate your failover—without downtime—to ensure your DR readiness
- Use recovery system for queries, reports, training, or offload processing
- ROI is enhanced through flexible use of replicated data

How it Works

Double-Take Availability for AIX builds on the functionality of Double-Take RecoverNow to provide high availability with robust, off-site data protection and recovery to any point in time.

Double-Take Availability is a high availability clustering solution. In a high availability cluster, redundant resources and configuration of hardware and software provide greater availability of computer services (nodes, applications, system components) to users. Should a failure occur in a production system, availability is restored quickly using the secondary system.

It protects hardware with sophisticated software fault detection, heartbeat monitoring technology and high availability capabilities. Double-Take Availability transparently monitors nodes in the cluster to eliminate disruptions and ensure availability.

The heartbeat monitors the health and status of each node and acts as a failure detection mechanism. When Double-Take Availability detects a failure, it moves your applications from the failed node to the operational node so that services remain available to your users. You can configure Double-Take Availability to perform all failover activities automatically. The failover activities include dismounts of storage, IP address switching, remount, and application startup.

Continuous real-time replication coupled with automatic failover capabilities for disaster recovery and high availability on IBM Power Systems servers running AIX give you 24 x 7 x 365 protection for business critical applications.