

# Double-Take<sup>®</sup> Availability<sup>™</sup> for AIX

## Technical Data Sheet



## Automated, full-featured high availability for mission-critical AIX environments

Double-Take Availability for AIX is a simple, yet comprehensive high availability solution. Powerful real-time replication, combined with full-featured continuous data protection (CDP), protects all of your data and applications. In addition, continuous monitoring of primary system availability and automated failovers to local or remote nodes provide true high availability for physical, virtual and cloud-based AIX environments, regardless of the mix of hardware, storage and operating system versions.

### Features

#### **Intelligent, Automated Availability**

- Intelligent heartbeat monitoring continuously verifies primary system health
- Push-button failovers to local or remote nodes can be configured to occur automatically
- Automation speeds failovers and reduces the opportunity for human error
- Virtual role swaps allow easy testing of failover-readiness, without disrupting production operations
- Platform independent technology allows protection of mixed hardware, storage and operating system versions on physical, virtual and cloud servers

#### **Easy to Use and Manage**

- Intuitive browser-based graphical interface allows you to view the health of replication and CDP processes at a glance
- Automated procedures reduce workloads and the chance of human error
- Email alerts enable lights-out, unattended monitoring

#### **Reliable, Real-time Replication with Fast, Flexible Recovery**

- Safeguards all data and applications with real-time replication to a secondary server
- Replicates only changed data and optionally compresses transmitted data
- Maintains write-order consistency to protect transaction integrity
- True CDP enables server rollback and recovery of lost or corrupted data from any point in time
- Allows you to reduce production system loads by using replicated data for backups, queries, reports, testing and more



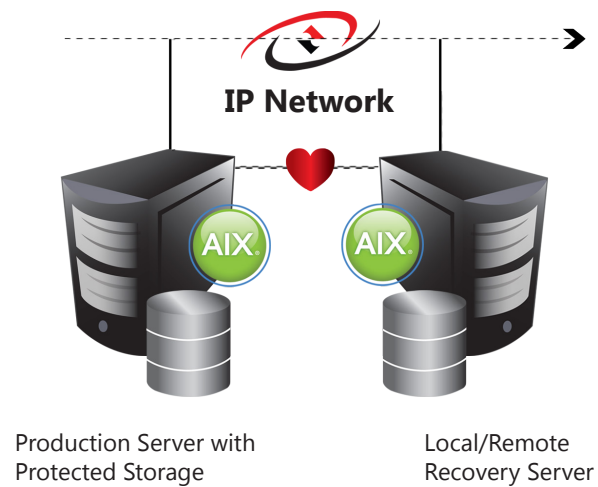
## How It Works

Double-Take Availability for AIX is a high availability and disaster recovery solution that expands on the replication technologies and continuous data protection capabilities of Double-Take RecoverNow for AIX by including cluster-health monitoring, lights-out notifications and customization, and application integration.

Continuous, 24-hour surveillance of the cluster topology via LAN and WAN heartbeat monitoring technology, and of storage and application resources via resource-specific monitoring methods, allow you to take timely recovery actions. When Double-Take Availability's heartbeat monitoring technology detects a failure, it moves applications from the failed node to the operational node, keeping services available. You can configure Double-Take Availability to perform all failover activities—including release of storage resources, IP address switching, reestablishment of replication, file system mounts, and application switching—automatically, or in a prompted but automated manner.

Customizable user exit methods afford improved levels of lights-out operations—helping you to meet SLAs—no matter the time of day a failure is detected.

The integration of applications, along with the service IP and storage resources those applications depend upon, ensures that all components of a business service, including storage, network, database and application resources, are made available on the most suitable server to serve business users.



## System Requirements

- IBM AIX 5.3 (TL 4 or greater, running the 64-bit kernel), 6.1, 7.1
- Any Power Systems hardware supported by the above AIX versions



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