



Assure MIMIX HA for AIX®

Easy, automated high availability with point-in-time recovery

Assure MIMIX HA for AIX® is the industry's most straightforward high availability and disaster recovery solution for IBM Power Systems running AIX. Full-featured, with automated failover and continuous data protection (CDP) for point-in-time recovery, Assure MIMIX HA for AIX provides true high availability for physical, virtual and cloud AIX environments.

Features

Real-Time Replication with Automated Availability

- Replicates changed data to a recovery server in real-time
- Offers options to compress or encrypt replicated data
- Ensures data integrity by maintaining write order consistency
- Continuously monitors server health and optionally initiates automated failover
- Allows easy testing of failover readiness, without disrupting production operations
- Supports replication between storage types and OS versions on physical, virtual, or cloud servers
- Supports 1-to-1, many-to-1, or 2-node broadcast replication configurations

Easy to Monitor and Manage

- Color-coded, mobile-friendly dashboard summarizes status at a glance
- Convenient, browser-based graphical interface for monitoring and management
- Real-time status display with visual indicators of application and server health
- Email and SNMP notifications for lights-out monitoring
- Automated procedures streamline common operations and enforce best practice
- Provides a single management view of Assure MIMIX products for IBM i and AIX

Recovery from Any Point in Time

- Performs near-instantaneous recovery of data with push-button simplicity
- Offers the greatest number of recovery point options with RightTime™ CDP
- Enables server rollback and recovery of lost or corrupted data from any point in time
- Allows you to set event markers at potential recovery points
- Increases ROI by enabling tape backup, reporting, testing, and more on recovery server snapshots



How It Works

Assure MIMIX HA for AIX provides high availability and disaster recovery for AIX applications and data using powerful replication technology, cluster health monitoring, and true continuous data protection (CDP). It provides continuous, 24-hour surveillance of your cluster topology via LAN and WAN heartbeat monitoring technology, and of storage and application resources via resource-specific monitoring methods.

When Assure MIMIX HA for AIX's heartbeat monitoring detects a failure, it moves applications from the failed server to the recovery server, keeping services available. You can configure the solution to perform all failover activities—including release of storage resources, IP address switching, reestablishing replication, file system mounts, and application switching—automatically or in a prompted but automated fashion.

Assure MIMIX HA for AIX's easy-to-use, browser-based graphical interface minimizes the time and resources required to manage the solution. Email notifications, SNMP notifications, and customizable user exit methods afford high levels of lights-out operations, helping you to meet SLAs no matter the time of day a failure is detected.

Integration of Assure MIMIX HA for AIX with your 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 a recovery server for your staff, customers, and partners in the event of any planned or unplanned outage.

System Requirements

- IBM Power Systems running IBM AIX 6.1, 7.1 and 7.2
- On-premises, hosted, or cloud servers, including hybrid environments
- Supports replication between storage types and OS versions

IP Network

