



Assure MIMIX and IBM PowerHA

Extended Protection for IBM PowerHA for i

Assure MIMIX is a complementary solution that enhances and extends the benefits of IBM® PowerHA® System Mirror® for i.

To ensure that your IBM i systems are always completely mirrored and ready to switch, everything needs to be replicated in real-time, including critically important *SYSBAS and IASP objects and data.

Assure MIMIX protects switch-critical IASP and *SYSBAS objects and data that can't be replicated by IBM PowerHA, replicating them in real-time them to additional local or remote servers to ensure HA and DR switch-readiness while continuously monitoring and alerting you about conditions that could impact your ability to switch.



Features

Expanded Data and Application Protection

- Protects SYSBAS data that cannot reside in an IASP
- Protects data associated with applications not certified to run in an IASP

Enhanced HA/DR Coverage

- Provides replication to additional local or remote HA/DR servers
- Protects your business from unplanned outages during planned server maintenance

Real-Time Access to Replicated Data

- Supports additional servers for data warehousing, queries, testing and more
- Distributes real-time data to applications on other servers

Switch-Readiness for PowerHA

- Protects your business against switch failure and downtime when dealing with unplanned outages or when switching to prevent downtime during planned server maintenance
- Monitors for duplicate library names in *SYSBAS and in an IASP that would cause a switch to fail
- Monitors for other conflicts and imbalances between primary and recovery server IASP libraries and *SYSBAS that can seriously impair your ability to switch
- Monitors for inconsistent source and target user profile configurations that would further impede switching

How It Works

IBM PowerHA does not replicate *SYSBAS data. This includes all data that is not supported in an IASP or that is associated with applications that have not been modified to run in an IASP. Assure MIMIX extends and completes IBM PowerHA HA/DR protection, enabling replication of real-time data in both IASPs and *SYSBAS to additional local or remote servers for disaster recovery or other purposes. These additional copies of the data can also be accessed in real time for a variety of purposes and are kept in sync when production is switched to a backup server.

Assure MIMIX continuously monitors for duplicate library names between *SYSBAS on the target server and the IASP on the source server, providing timely notification when a new library with a duplicate name is created so it can be proactively renamed or moved before any planned or unplanned outage occurs.

System Requirements

- IBM Power Systems running IBM i and IBM Power HA System Mirror for i
- Supports replication between any IBM i storage types and OS versions
- Supports replication between internal, external, and SSD storage
- Supports replication of both *SYSBAS and IASP data
- Verify Assure MIMIX licensing options with your Precisely representative

