

Data and Application Availability Management

DISASTER RECOVERY

• HA CLUSTERING

• DATA PROTECTION

LifeKeeper® for WebSphere® MQ

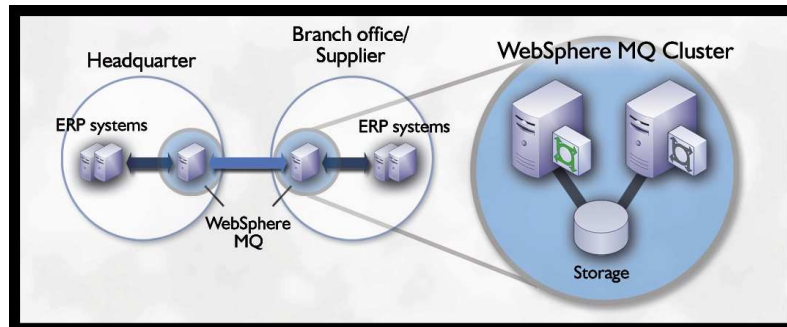
Key Features:

- Support for 32bit and 64bit platforms including IBM pSeries
- Support for leading OS platforms
 - Red Hat Enterprise Linux
 - Novell SUSE
 - VMware ESX Server
- Active/Active and Active/Standby configurations
- Automated protection at both server and resource level via monitoring of WebSphere MQ daemons
- Can be used in shared storage, replicated storage or Network Attached Storage configurations
- End to end application health check via server and client connect
- Complete MQ protection including:
 - Optional PUT/GET tests
 - Listener process checks
- Supports both LINEAR and CIRCULAR logging
- Easier debugging via customizable logging levels
- Easily protect custom applications via the use of LifeKeeper Extender
- Monitoring and recovery also available for SAP, DB2, Oracle, MySQL, IBM Director, Rational ClearCase, Apache, NFS, LVM, and other enterprise apps

High Availability Clustering, Data Replication and Disaster Recovery for WebSphere MQ

WebSphere MQ from IBM provides reliable and guaranteed delivery of messages between applications across a wide range of platforms. The core element of WebSphere MQ's architecture is the queue manager which handles all message storage, delivery timing, event triggering and other functions not directly related to actual movement of data. Each queue manager may control multiple queues and provides reliable message storage and transport abstraction. Given its critical function within a WebSphere MQ deployment, ensuring continuous availability of the queue manager is critical to application and service uptime.

LifeKeeper for WebSphere MQ provides fault resilient protection for WebSphere MQ queue managers and queue manager storage locations including the command server, the listener and persistent queue manager data. LifeKeeper ensures that failures on a primary WebSphere MQ server or within a queue manager are automatically detected and corrected to ensure no disruption to message delivery as a result of application, network or hardware failure.



LifeKeeper detects failures at two levels. Server health is monitored via a persistent heartbeat mechanism among cluster members while individual resources are monitored through daemons which continuously check the health of WebSphere MQ services. Recovery can be configured to take place either on the same primary server via a local restart action if possible or to a designated backup server via automated failover. Recovery occurs with minimal downtime and without any human intervention.

With LifeKeeper, WebSphere MQ is fully protected and applications are always available.



About Open Minds and SteelEye Technology

Open Minds High Availability Solutions are the registered SteelEye Support and Competence Centre for the UK and Ireland. Open Minds provides a full range of high availability consulting and professional services to assist organisations with the assessment, design and implementation of solutions for ensuring High Availability within their environments.

SteelEye, a Microsoft Gold Certified Partner, is the leading provider of data and application availability management solutions for business continuity and disaster recovery for Linux and Windows.

To contact Open Minds, visit our website at www.openminds.co.uk, or call +44 (0) 121 313 3943

