

Recovery Solutions

Data Sheet



CDB Software, Inc.

CDB/®System Recovery V7.4.0

CDB/System Recovery for DB2® for z/OS™ is a full recovery solution for the entire DB2 system. A single step solution, all that is required at recovery time is to submit a single job with a single command. Through advanced processing techniques and ground-breaking design, the entire recovery process is optimized for best possible performance and minimal recovery time with no manual intervention necessary. CDB/System Recovery streamlines the entire recovery process so you remain in control no matter how much data you manage.

Key Benefits

- Single Step Recovery
- Log is preprocessed for minimal recovery time
- Unique Server Technology for optimized parallelism
- Windows Console for Recovery Monitoring
- Automated Recovery Process

The Challenge

Most companies are not fully prepared for disasters because of the expense and complexities of creating and testing Disaster Recovery (DR) and Business Recovery (BR) plans. Some buy very expensive hardware solutions to mirror their systems but this mirrors good and bad changes causing lengthy back-out recovery that negates the purpose of the mirroring, and mirroring requires a lot of bandwidth 24x7.

Some send DB2 image copies and logs offsite but the process to restore and recover DB2 is complex, requiring skilled personnel making tough decisions in a stressful time. To get the recover site current it is necessary to apply logs and processing the DB2 logs is very inefficient. Others simply do full volume dumps to restore offsite, this is fast and easy but omits many hours of good processing.

The CDB Solution

CDB/System Recovery starts with volume dumps or DB2 Image Copies. One simple job with one simple statement recovers the DB2 system. The DB2 logs are read once usually in advance at the local site prior to the disaster. The actual recovery is very efficient and fast, almost as fast as the hardware mirroring technique but without the expense.

Fast

CDB's exclusive server technology exploits

your Z-series architecture to run many small tasks in parallel using our efficient pre-processed log to reduce I/O. You get speeds approaching expensive mirroring systems without sacrificing the flexibility of Point-In-Time recovery.

Hands-Free

All decisions about recovery are made at the local site during a calm and deliberative set up period. Decisions such as which objects need to be recovered before the system is ready and which ones should be delayed, how current does the log apply need to be, how long should image copies be kept, etc. are made before the disaster strikes.

In the event that a recovery is necessary, the main DBAs do not need to be present at the recovery site for the DB2 Recovery to go exactly as they planned. All that is required is a simple single statement job. All the decisions have already been put into the product.

Important and unique features

•Single Step Recovery

One job with one SYSIN statement that can be set up in advance recovers an entire DB2 system. No manual intervention is necessary at the recovery site. In the event of a disaster, no decisions need to be made. Your recovery is run the way you want it to be done even if you are not there!

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- **Asynchronous processing**

The processing of the DB2 logs is run in advance as Archive logs are written. The actual System Recovery then runs very fast using input that has been efficiently consolidated.

- **Part of greater Architecture**

The asynchronous process of striping the DB2 Log is part of a greater architecture. The data derived from stripping the log may also be used by the CDB Delta, Audit, Clone, Application Recovery, and Active Standby products. So, if you use multiple tools you still only read the log data once!

- **Server Technology**

CDB's Server Technology provides for maximum possible parallelism and fastest possible elapsed time. CDB's Next Generation Technology is designed to process the thousands of small tasks efficiently and make the process of monitoring all the jobs easy.

- **Windows Based Process Monitor**

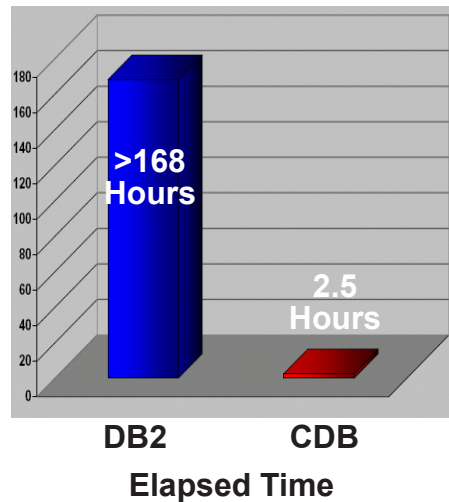
DB2 System Recovery is run with one simple job and CDB manages the rest. Many jobs are run on all nodes of your sysplex and the output is compiled in a simple Windows Console. You watch all processes on one simple GUI monitor.

Recovery Story

- **Data Warehousing Application**
- **1.2 Terabytes of Data**
- **400 Tablespaces totaling 600G**
- **675 Indexes totaling 600G**
- **12,500 Datasets**

Customer Goals

- **Recovery Time Objective: 12hrs.**
- **Recovery Point Objective: 8hrs.**



Results

Customer completed the system recovery in 2.5 hours, well within his Recovery Time Objective, and met his Recovery

Point Objective. The entire recovery took a single DBA and one CDB/System Recovery Job.

About CDB Software

CDB Software, Inc. is a leader in data management solutions for DB2 z/OS. CDB focuses its business on DB2 for z/OS to provide unique and innovative solutions that enable companies to expand their DB2 system to meet business needs while controlling the overall cost of the mainframe. Founded in 1985, CDB is a privately held corporation based in Houston, Texas with offices worldwide.

For more information visit:

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