

## IBM IMS Database Recovery Facility for z/OS, Version 2.1

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### Highlights

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- ***Provides a high-performance tool for recovering IBM IMS™ database data sets and Fast Path areas***
- ***Works in both online and batch environments, with a single pass of input data***
- ***Increases availability by applying database changes to multiple database data sets simultaneously***
- ***Enhances usability and flexibility by supporting report-only execution.***



IBM IMS Database Recovery Facility allows users to recover IMS data quickly and easily.

### Recovery breakthrough

For a variety of reasons—ranging from system outages to data corruption to routine research—businesses need to be able to recover and process IMS data from an earlier point in time. IBM introduces an important breakthrough in recovery services—IBM IMS Database Recovery Facility for z/OS®, Version 2.1. A functionally rich, high-performance and affordable IMS facility, IMS Database Recovery Facility provides database recovery processing in both online and batch IMS environments. Now you can recover database data sets and Fast Path areas quickly, and increase database availability by reducing recovery time.

### Improves database recovery

IMS Database Recovery Facility allows you to recover multiple database data sets simultaneously. The following features contribute to recovery efficiency:

- *Image copies, logs and change accumulation data sets are read in parallel*
- *Each input is read only once, even when recovering multiple data sets*
- *Database changes are applied to multiple database data sets simultaneously, speeding recovery by using parallel processes and reducing I/O.*

You can recover databases to any point in time using IMS Database Recovery Facility, including times during which databases were being updated. Because IMS Database Recovery Facility applies only committed updates, there is no need to create a previous recovery point by quiescing or de-allocating databases.

### Uses incomplete change accumulation data sets

Change accumulation data sets may be used, but are never required before a recovery, even in data sharing environments. IMS Database Recovery Facility recovers shared IMS databases directly from image copies and log data if change accumulation data sets are not available. In fact, IMS Database Recovery Facility will use incomplete change accumulation data sets for recovery if they are the latest copy available.

### Easy-to-use interface

IMS Database Recovery Facility runs in parallel with normal online database and transaction activities. You control the process using commands within a simple, intuitive interface.

## Rich functionality in a recovery management tool

IMS Database Recovery Facility can be used to recover both full-function database data sets and Fast Path DEDB areas, and it works in both Parallel Sysplex® and non-Parallel Sysplex environments.

IMS Database Recovery Facility also:

- *Performs timestamp forward recovery, with timestamps that are not restricted to allocation boundaries*
- *Starts databases and areas automatically after recovery on all applicable IMS systems, or on the IMS system that is performing recovery*
- *Manages database recovery; online invocation works with the IMS Automated Operator Interface*

- *Initiates itself automatically with the submission of an MVS™ batch job that does not require an active IMS Region*
- *Provides enhanced reporting for analysis of recovery execution and for summaries of all open units of work that contain updates not applied in database recovery to an earlier point in time*
- *Generates a setup report/list without running the recovery process*
- *Utilizes parallel and concurrent processing to provide dramatic gains in performance.*

## System considerations

IMS Database Recovery Facility for z/OS runs in conjunction with IMS Versions 7 and 8 and can process log and image copy data from IMS Versions 5, 6, 7 and 8. It requires SMP/E for installation. IBM Database Recovery Facility also requires DFSORT, an optional feature of OS/390 V2.10 (5647-A01) or of z/OS V1.1 (5694-A01), or a functionally equivalent sort program. In addition, it runs under IBM OS/390®.

## For more information

Please contact your IBM marketing representative or IBM Business Partner, or call 1-800 IBM CALL within the U.S. Also, visit our Web site at [ibm.com/software/data/db2imstools](http://ibm.com/software/data/db2imstools).

When ordering IBM IMS Database Recovery Facility for z/OS, please refer to program number: 5655-I44.



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