IBM

IBM IMS Recovery Expert for z/OS

Highlights

- **Inspects stored information and health checks the recovery environment to proactively detect problems that can affect data recovery**

- **Enables the creation of clean recovery points across multiple IMS systems for more specific data protection**

- **Verifies the recoverability of an enterprise environment by identifying missing or unusable recovery assets**

- **Locates common recovery points for performing application recovery**

- **Prepares the disaster recovery site to enable recoveries**

Organizations depend on their data to help them remain competitive in a fast-paced business environment. When data is compromised, they're forced to find ways to recover their information — or deal with the consequences of having lost critical assets. Having the right resources to protect and recover data is critical in today's enterprise environment, yet too often the problem isn't addressed until after the data is already lost.

IBM IMS™ Recovery Expert for z/OS® helps ensure that an organization's IMS database environment is recoverable. This tool delivers a comprehensive solution to help protect and retrieve information, enabling an organization to save valuable time and resources. With several innovative features, the IMS Recovery Expert can assist with disaster recovery, creating recovery points and avoiding potential problems by checking the overall health of an IT environment.

Effective disaster recovery

In preparation for a disaster, an organization needs a solution to help recover affected information at the disaster recovery site. IMS Recovery Expert for z/OS provides a RECON Clean Up feature that allows IT professionals to prepare a set of RECON data sets for performing recoveries at the disaster recovery site. With the ability to manage the RECON data sets to ensure they match the disaster recovery environment, organizations can gain more control over their data in an effort to prevent — or recover from — data loss.

A powerful, granular solution

IMS Recovery Expert helps organizations create recovery points for one or more databases with Recovery Point Create. This function issues /DBR or /DBD commands against the databases, waits for them to become

un-allocated on all systems and then optionally restarts them. This process can create application-level recovery points, ensuring data integrity when recoveries are needed. The Recovery Point Create function also provides a synchronized log switch that performs a /SWI OLDS command on all active systems in the group. Online log data sets which contain database-related updates must first be archived before they can be used in the recovery process.

The Recovery Point Identification function locates individual or common recovery points within an application. This information can be used by the IMS Database Recovery Facility for z/OS to perform database recoveries.

Comprehensive checks for an IT environment

Since data protection is such a priority in today's business environment, enterprise organizations must take every precaution to ensure their systems are sound. IMS Recovery Expert provides the Recovery Health Check and Verify functions to help scan and verify the recoverability of an IT environment. These functions look for potential recoverability problems, including a checklist of over 20 items.

The right resource for data protection

Organizations can't afford to lose critical information, which is why it's important to find the right solution for protecting and recovering data. IBM IMS Recovery Expert for z/OS serves as a type of data insurance to lessen the impact of data loss.

System considerations

IMS Recovery Expert for z/OS, Version 1.1, runs in conjunction with IMS Version 9. In addition, it runs on any IBM S/390® hardware configuration that supports the required versions of IMS. IMS Recovery Expert requires SMP/E for installation. It also requires the IMS Tools Knowledge Base for z/OS, V1.1 (5655-R34) for storing and retrieving report output data.

IMS Database Recovery Facility for z/OS is not required for the basic function of IMS Recovery Expert for z/OS, but it will provide additional functionality when used together.

Specifications at a glance
Operational requirements
IMS Recovery Expert operates with IMS version 9.

Hardware requirements
IMS Recovery Expert operates on any hardware configuration that supports the required versions of IMS.

When ordering IMS Recovery Expert, please specify program number 5655-R26. Use 5655-R34 to order IMS Tools Knowledge Base for z/OS, and specify program number 5655-N47 to order IMS Database Recovery Facility for z/OS.

For more information
For sales information or to inquire about purchasing IMS Recovery Expert for z/OS, please contact your IBM marketing representative or an IBM Business Partner, visit **ibm.com**/software/data/db2imstools/ or call 1-800 IBM CALL within the US.

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