



IBM DB2 Recovery Expert for Linux , UNIX and Windows V3.1 provides improved database management and recovery

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At a glance

IBM® DB2® Recovery Expert for Linux®, UNIX® and Windows® V3.1 provides powerful diagnosis, reporting, and automated recovery capabilities to maintain accurate data and high availability on the Windows, UNIX, and Linux platforms.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL.

Reference: YE001

Overview

IBM DB2 Recovery Expert for Linux, UNIX and Windows V3.1 is a self-managing backup and recovery solution that protects mission-critical data. It can help you avoid accidental data loss or corruption by providing a faster, less costly method of recovery when time is of the essence.

The Log Analysis features enable organizations to monitor changes to a database by creating reports indicating what was changed and by whom. It can help you reduce the time for a DB2 recovery by utilizing different approaches, enabling you to choose the most effective solution.

New features added to DB2 Recovery Expert V3.1 include:

- New Install Once Use Anywhere Web User Interface
- Full support for Database Partitioning Feature (DPF) environments
- Full support for DB2 V9.7 features and functions
- Improved scalability and performance

Key prerequisites

Refer to [Hardware requirements](#) and [Software requirements](#).

Planned availability date

June 17, 2011: Electronic availability

July 15, 2011: Media availability

Description

IBM DB2 Recovery Expert for Linux, UNIX and Windows V3.1 provides a simple, self-managing recovery solution that enables database recovery operations with minimal disruption. DB2 Recovery Expert enables intelligent analysis of altered, incorrect, or missing database assets, including table spaces, tables, indexes, and data. It automates the process of rebuilding these assets to a specified point in time, often without taking the database or the business operations offline.

DB2 Recovery Expert promotes high availability solutions that companies require for 24 x 7 operations and integrating with storage systems. It performs system-level backups instantaneously and without affecting running applications.

Log Analysis is a powerful component that is part of the tool used to support efforts to maintain high availability and complete control over data integrity. It allows you to monitor data changes by automatically building reports of changes that are made to database tables.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM website

http://www.ibm.com/able/product_accessibility/index.html

Section 508 of the U.S. Rehabilitation Act

IBM DB2 Recovery Expert for Linux, UNIX and Windows is capable as of July 15, 2011, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A U.S. Section 508 Voluntary Product Accessibility Template (VPAT), containing details on the products accessibility compliance, can be requested on the following website

http://www.ibm.com/able/product_accessibility/index.html

Availability of national languages

Product description	Language	GA date
DB2 RE for LUW V3.1.0	English	July 15, 2011

Program number

Program number	VRM	Program name
5724-H93	3.1.0	IBM DB2 Recovery Expert for Linux, UNIX and windows

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

Publications

No hardcopy publications are shipped with this product.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Technical information

Specified operating environment

Hardware requirements

The minimum hardware resources required for IBM DB2 Recovery Expert are:

- 128 MB of RAM
- 250 MB of disk space

Software requirements

The following operating systems are supported for IBM DB2 Recovery Expert for Linux, UNIX and Windows V3.1:

- AIX® V5.3, V6.1, V7.1 64 bit
- Solaris SPARC 10 64 bit
- Red Hat Enterprise Linux 5 Desktop x86-32 and x86-64 bit
- Red Hat Enterprise Linux 5 AS/ES x86-32 and x86-64 bit
- SUSE Linux 10.0 (SP1) Enterprise Server x86-32 and x86-64 bit
- SUSE Linux 11.0 Enterprise Server x86-32 and x86-64 bit
- Windows XP 32 (SP3) and 64 bit (SP2)
- Windows Vista Business Edition 32 bit and 64 bit
- Windows Vista Enterprise Edition 32 bit and 64 bit
- Windows Vista Ultimate Edition 32 bit and 64 bit
- Windows Server 2003 (SP1) Datacenter 32 bit and 64 bit
- Windows Server 2003 (SP1) Enterprise 32 bit and 64 bit
- Windows Server 2003 (SP1) Standard 32 bit and 64 bit
- Windows Server 2008 Datacenter 32 bit and 64 bit
- Windows Server 2008 Enterprise 32 bit and 64 bit

- Windows Server 2008 Standard 32 bit and 64 bit
- Windows Server 2008 R2 Datacenter 64 bit
- Windows Server 2008 R2 Enterprise 64 bit
- Windows Server 2008 R2 Standard 64 bit
- Windows 7 Professional and Ultimate Edition 32 bit and 64 bit

The following data servers are supported for IBM DB2 Recovery Expert on the server:

- DB2 Enterprise Server Edition V9.1
- DB2 Enterprise Server Edition V9.5
- DB2 Enterprise Server Edition V9.7

The following web browsers are supported for the DB2 Recovery Expert web user interface:

- Windows Internet Explorer 7.0
- Windows Internet Explorer 8.0
- Firefox 3.0.x

Installation file space

Make sure the target filesystem on the install system has at least the amount of free space indicated:

- DB2 database server files (user-specified location) 500 MB
- Java™ Command Line Processor client (user specified) 25 MB

DB2 Database Server

The DB2 Recovery Expert for Linux, UNIX and Windows V3.1 may require considerable working storage on the DB2 database server for the datastore databases and associated temporary files. The size cannot be accurately predicted, but is on the order of size of the databases and associated log files that the product works with. Additional storage is needed for storing results sets for Log Analysis, which can be quite large. The datastore database is created on the default database path for the specified DB2 instance. Temporary files are written to a data directory path on the /var filesystem unless overridden by a configuration setting. A minimum of 10 GB is recommended for this data. If working with large databases, reserve at least twice the size of the largest database.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

The physical deliverable for IBM DB2 Recovery Expert for Linux, UNIX and Windows V3.1 consists of a media pack that includes the following DVD:

- IBM DB2 Recovery Expert for Linux, UNIX and Windows DVD (1)

Security, auditability, and control

The following products use the security and auditability features of the DB2 data server:

- IBM DB2 Recovery Expert for Linux, UNIX and Windows

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product information

Licensed function title	Product group	Product category
IBM DB2 Recovery Expert	IBM Database 2™	DB2 Tools
Program name	PID number	Charge unit description
IBM DB2 Recovery Expert	5724-H93	Per Value Unit
IBM DB2 Recovery Expert	5724-H93	PROCESSOR-Days

Charge metrics definitions

Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by processor value, brand, type, and model number at

http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the webpage below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html

* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

Notes:

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

- Some programs may be licensed on a managed basis **only**. In that case, the following applies: Instead of the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.
- Express® and workgroup programs may be licensed with maximum use terms. In that case, the following applies. The maximum authorized use terms and conditions for PVU licensed IBM express and middleware programs can be found in the IBM Express and Middleware Licensing Guide.

Passport Advantage program licenses

IBM DB2 Recovery Expert for Linux, UNIX and Win

Part description	Part number
IBM DB2 Recovery Expert DB2 Recovery Expert for LUW Per Processor Value Unit Annual SW S&S Rnw1	E022GLL
DB2 Recovery Expert for LUW Per Processor Value Unit Lic + SW S&S 12 Mo	D55NELL
DB2 Recovery Expert for LUW Per Processor Value Unit SW S&S Reinst 12Mo	D55NFLL

Passport Advantage supply

Program name/description	Part number
DB2 RE for LUW V3.1.0	
IBM DB2 Recovery Expert for Linux, UNIX and windows V3.1 English Media Pack	BB17REN

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

DB2 RE for LUW V3.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM DB2 Recovery Expert for Linux, UNIX and windows per Processor Value Unit	IBM DB2 Recovery Expert for Linux, UNIX and windows V3.1 English Media Pack	BB17REN

On/Off CoD

IBM DB2 Recovery Expert

Part description	Part number
DB2 Recovery Expert for LUW PROCESSOR-Days Per Use-Day 00CoD	D615WLL

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

License Information form number

Program name	Program number	Form number
IBM DB2 Recovery Expert for Linux, UNIX and Win	5724-H93	L-DNAA-86WPLD

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Money-back guarantee

For clarification, note that if for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

- For clarification, note that for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

- For clarification, note that for programs acquired under any of IBM's On/Off CoD software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Usage restriction

Yes

IBM DB2 Toolkit for Multiplatforms

Charges for this program are based on the total number of processors from which the data being processed by the program originates, including any processors available to the database servers on which the data originally resides, and the processors available to the database servers to which the program is licensed. The total number of processors within database servers on which the data being processed by the program resides and which are attached or available to the program may not exceed the number authorized by the applicable PoE or authorized by each product authorization acquired under Passport Advantage. If the total number exceeds the quantity in your PoE or exceeds your product authorizations acquired under Passport Advantage, you must notify IBM or its reseller as stated in the IPLA.

- High availability and failover licensing
 - After the server is fully licensed, it can be used to service user workload. In high availability configurations, this server is called a Primary server; additional servers acting as backups are called Standby servers that may be deployed in Active or Idle configurations.
 - In Active Standby or Idle Standby, you must acquire a correct number of processor PoEs in addition to the processor PoEs you obtained for the Primary server.
 - Active Standby
 - In an Active Standby configuration, the program is operational on all servers to service user transactions or queries. Because each of the Active Standby servers is used to operate the program for user transactions or queries before and after a failure, the program must be fully licensed on all Active Servers.
 - In Active Standby, you must license the program for the number of processors attached or available to the Active Standby servers. For example, consider an environment with two servers, one Primary server with four processors and one Active Standby server with two processors. This environment must be licensed for six processors (four for the Primary server and two for the Active Standby server).
 - Idle Standby
 - In Idle Standby configuration, Idle Standby servers have the program installed, however, they do not have the program operational to service user transactions or query workloads. A server is considered "idle" if it is used exclusively for administrative actions that assist in failover scenarios such as having a database in rollforward pending state to support log shipping, or in making a flash copy of a DB2 database and then performing a database backup of this copy on another server, or in keeping a standby database

synchronized using the High Availability Disaster Recovery ("HADR") component.

- In Idle Standby, you must license the program for one processor per Idle Standby server only, regardless of the number of processors attached or available to the server. For example, consider an environment with two servers, one Primary server with four processors and one Idle Standby server with two processors. This environment must be licensed for five processors (four for the Primary server and one for the Idle Standby server).

Other terms

IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Educational allowance available

Not applicable.

On/Off Capacity on Demand (CoD)

To be eligible for On/Off CoD pricing, customers must be enabled for temporary capacity on the corresponding hardware, and the required contract - Z125-6907, Amendment for iSeries® and pSeries® Temporary Capacity On Demand - Software - must be signed prior to use.

Prices

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner, or authorized IBM Business Partner for Software ValueNet®, if applicable. Additional information is also available at

<http://www.ibm.com/software/passportadvantage>

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<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller>

Order now

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Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
Mail: IBM Teleweb Customer Support
ibm.com® Sales Execution Center, Americas North
3500 Steeles Ave. East, Tower 3/4
Markham, Ontario

Reference: YE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

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