New database archiving tool for multiplatforms and other enhanced tools enrich IBM DB2

Overview

**DB2® Data Archive Expert for Multiplatforms**

DB2 Data Archive Expert for Multiplatforms is a comprehensive data archiving tool that enables you to move seldom-used data to a less costly storage medium, without any programming. Using this tool, you can save storage space and associated costs, while improving the performance of your DB2 Universal Database® (UDB) environment.

Key features include:

- Facilitates moving inactive DB2 data to both table archives and flat file archives. Archiving helps you lower storage costs and reclaim disk space. It can also help improve performance when accessing active data.
- Exploits less expensive media for archived data, and can access archived data concurrently with minimal changes to applications.
- Provides a Web-based user interface (UI) that helps you configure and use the tool. This Web UI also works with DB2 Data Archive for z/OS®.
- Supports archiving sets of rows representing application objects, not just entire tables.
- Offers a callable API for running archive and retrieve operations by using units of work called specifications.
- Provides easy creation of specifications and allows the development of job profiles through Web-based UI panels.
- Lets you do “table-grouping” using the DB2 Grouper Component feature, which discovers relationships between tables from definitional as well as access sources, making it easy to include tables related to those being archived.
- Supports archiving cross-platform within the DB2 DAE product family (z/OS, UNIX®, Microsoft® Windows™, and Linux™), between entitled installed products.

**DB2 Test Database Generator for Multiplatforms**

With data privacy regulations expanding worldwide, companies are more focused than ever on safeguarding production data that is used in development and test environments. DB2 Test Database Generator for Multiplatforms V2.2 lets you easily create subsets of DB2 production data while masking out any sensitive or confidential data like identification numbers, salaries, addresses, or financial information. DB2 Test Database Generator helps you quickly meet testing needs, while protecting private data and avoiding unnecessary liability.

Key enhancements in DB2 Test Database Generator V2.2 include the ability to:

- Compare and synchronize DB2 tables
- Update existing data without deleting it and re-creating it
- Leverage additional DB2 Load Format options
- Support the DB2 JDBC type 4 driver
- Support the DB2 Test Database Generator Server on Linux operating environments

**DB2 Performance Expert**

DB2 Performance Expert for Multiplatforms V2.2 adds support for Linux on xSeries® 64-bit.

For detailed information about previously announced DB2 Performance Expert for Multiplatforms V2.2 and DB2 Performance Expert for Workgroups V2.2, refer to Software Announcement, 205-140, dated June 7, 2005.

**At a glance**

**DB2 Data Archive Expert for Multiplatforms V2.1** is an autonomic tool that offers a fast, flexible, and efficient way to archive and retrieve DB2 data objects. With support for DB2 UDB on Linux, UNIX, and Microsoft Windows, DB2 Data Archive Expert can help:

- Increase the performance of your IBM DB2 UDB environment
- Lower disk storage costs by moving seldom-used data to less expensive media
- Reduce database administration costs through improved application efficiency

**DB2 Test Database Generator for Multiplatforms V2.2** helps safeguard confidential production data needed in test environments. V2.2 helps companies:

- Easily create DB2 test data for new and existing applications
- Respond with confidence to today’s data privacy regulations

**DB2 Performance Expert V2.2** includes support for Linux on xSeries 64-bit.

For ordering, contact:
Your IBM representative or the Americas Call Centers at 800-IBM-CALL
Reference: YE001

**Planned availability dates**

- December 9, 2005, electronic software delivery for all products
- December 9, 2005, media and documentation for DB2 Performance Expert for Multiplatforms V2.2 and DB2 Performance Expert for Workgroups V2.2
- January 20, 2006, media and documentation for DB2 Data Archive Expert for Multiplatforms V2.1 and DB2 Test Database Generator for Multiplatforms V2.2

**Key prerequisites**

Refer to the Hardware requirements and Software requirements sections.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
**DB2 Data Archive Expert for Multiplatforms**

IT executives are being challenged by the demands of ever-increasing volumes of information and by the many new compliance and auditing regulations, like Sarbanes-Oxley and HIPAA, that require companies to retain more data than ever before (a significant amount of that data being inactive). Maintaining these large volumes of data can be expensive and result in:

- Higher hardware and software costs
- Greater manageability problems
- Lower system performance levels

To address this challenge, IBM has introduced DB2 Data Archive Expert for Multiplatforms V2.1. This comprehensive data archiving tool enables you to move seldom-used data to a less costly storage medium, without any programming. With this solution, you can save storage space and associated costs and also improve performance of your DB2 UDB environment. By helping you quickly locate and access inactive data, DB2 Data Archive Expert enhances your backup and recovery processes. Because it selects data for archival at the row level, you can precisely control which aged data gets archived with an optimal level of granularity.

Key capabilities include:

- Facilitates moving inactive DB2 data to both table archives or to flat file archives. Archiving helps you lower storage costs and reclaim disk space. It can also help improve performance when accessing active data.
- Exploits less expensive media for archived data and can access archived data concurrently with minimal changes to applications.
- Provides a Web-based UI that helps configure and use the tool. This Web UI also works with DB2 Data Archive Expert for z/OS.
- Supports archiving sets of rows representing application objects, not just entire tables.
- Offers a callable API for running archive and retrieve operations by using units of work called specifications.
- Provides easy creation of specifications and allows the development of job profiles through Web-based UI panels.
- Lets you do “table-grouping” using the DB2 Grouper Component feature, which discovers relationships between tables from definitional as well as access sources, making it easy to include tables related to those being archived.
- Supports archiving cross-platform within the DB2 DAE product family (z/OS, UNIX, Microsoft Windows, and Linux), between entitled installed products.
- Provides a Web-based UI that helps configure and use the tool. This Web UI also works with DB2 Data Archive Expert for z/OS.
- Supports archiving sets of rows representing application objects, not just entire tables.
- Offers a callable API for running archive and retrieve operations by using units of work called specifications.
- Provides easy creation of specifications and allows the development of job profiles through Web-based UI panels.
- Lets you do “table-grouping” using the DB2 Grouper Component feature, which discovers relationships between tables from definitional as well as access sources, making it easy to include tables related to those being archived.
- Supports archiving cross-platform within the DB2 DAE product family (z/OS, UNIX, Microsoft Windows, and Linux), between entitled installed products.

**DB2 Test Database Generator for Multiplatforms**

DB2 Test Database Generator reduces the time that DBAs spend on generating test databases. The tool easily creates DB2 test data on demand while masking sensitive data to ensure that confidential data remains secure.

DB2 Test Database Generator allows you to create test data for DB2 databases. You can specify data sources (database tables, XML, or text files) that are used to supply seed data that is used to create test data. Sets of generation rules, or actions, can be defined that are applied to the source data when the test data is generated, or the generation rules can be used to create test data from scratch. These generation rules specify how the data will be changed in order to make output data nonsensitive or how the data will be created from scratch so that it is similar to real data. DB2 Test Database Generator for Multiplatforms can access DB2 database locations on Linux, AIX®, Solaris, or Windows platforms.

Key V2.2 enhancements include the ability to:

- Compare and synchronize DB2 tables
- Update your existing target data without deleting it entirely and then re-creating it
- Install the DB2 Test Database Generator server on all 32-bit and 64-bit Linux platforms that are supported by DB2 UDB V8
- Use XML data as a source for data generation
- Speed up test data generation through concurrent generation of targets at generation time
- Generate range extremes in the test data that is created
- Accept locally encoded sources and generate locally encoded outputs
- Guarantee uniqueness in generated values
- Create your own generation rules using Java™
- View and select from all DB2 Grouper component sets
- Include the updatable optimizer-related DB2 catalog statistics from a source table with the source data so that the DB2 catalog statistics are re-created in the target
- Use a JDBC type 4 driver
- Specify that all SQL that is used for sources is to be executed with the WITH UR option
- Have greater control over generated referential integrity (RI)
- Specify more options when generating load format output
- Launch DB2 Test Database Generator from the DB2 Control Center
- Install and uninstall DB2 Test Database Generator Java Client, Multiplatform Server, and Server Administrator silently using ISMP response file

Additional detail on some of the key capabilities:

**Table compare:** You can compare and synchronize DB2 tables. You can compare live tables using dynamic SQL, or snapshots of a table taken at a point in time. The results of each comparison will be available in an XML file. After a set of tables has been compared, you can synchronize the source table with the target table.

**XML as a source:** You can now use XML data as a source in DB2 Test Database Generator.

**Update existing data without deleting it and then re-creating it:** To save time and effort, you can now update your existing target data without deleting it entirely then re-creating it. This prevents you from
having to delete the impacted data on the target tables before the load is processed.

**Expanded DB2 Load Format options:** The options that you can specify when selecting the output type of DB2 Load Format have been expanded. The following options are now available when DB2 Load Format output is created:

- ENFORCE
- INDEX ALL
- KEEPDICTIONARY
- LOG
- REPORT
- REUSE
- SAMPLE
- SHRLEVEL
- SORTDEVT
- SORTKEYS
- SORTNUM
- SORTWRK
- TABLE ALL
- UPDATE

**Generate range extremes:** When generating test data, limit testing is often a challenge. Now, using the random rule, you can specify that the first two records generated will be the minimum and maximum values.

**Greater control over generated referential integrity (RI):** There is now greater flexibility in the way in which you can choose to have RI treated in your generated test data. These are the options:

- RI relationships will be created in the target as they are in the source.
- RI relationships that are detected will be created with database-managed RI in the target.
- RI relationships that are detected will not be created with system management RI in the target.

**SQL WITH UR option:** You can specify that all SQL that is used for sources is to be run with the WITH UR option. This option forces the isolation level of the query to be uncommitted read or cursor stability.

**JDBC type 4 driver support:** You can now connect the Java client and the DB2 Test Database Generator server using a type 2 or a type 4 JDBC driver.

**Accept locally encoded sources and generate locally encoded outputs:** DB2 Test Database Generator creates output files that are UTF-8 encoded and accepts UTF-8 encoded input files. In some situations, such as when working with DBCS (double-byte character set) data, it is necessary to convert DB2 Test Database Generator input files to UTF-8 encoding and DB2 Test Database Generator output files from UTF-8 encoding. This is now done by DB2 Test Database Generator in order to help you work with DBCS data in DB2 Test Database Generator more conveniently.

**DB2 table statistics:** To help you better simulate the source environment in your target output, you can include the updatable optimizer-related DB2 catalog statistics of a source table with the source data so that the DB2 catalog statistics are re-created in the target.

**Guarantee uniqueness in generated values:** When specifying target properties, you can now make a column unique.

**DB2 Test Database Generator DB2 Control Center plug-in:** When DB2 Test Database Generator client is installed on a machine where DB2 Control Center is installed, an icon will be added to the toolbar that allows you to launch DB2 Test Database Generator client from the DB2 Control Center.

**Response file install:** To make it easier to deploy DB2 Test Database Generator on multiple machines, you can install and uninstall DB2 Test Database Generator Java Client, Multiplatform Server, and Server Administrator silently using an ISMP response file. This feature also allows you to update the Server Administrator installation silently.

**Linux support:** The DB2 Test Database Generator server can now be installed on Linux.

**User-defined generation rules:** You can now create your own generation rules using Java. This enables you to tailor generation rules to the specific needs of your environment.

**Concurrent target generation:** Test data generation can now run faster through concurrent generation of targets at generation time.

**All Grouper sets displayed:** All Grouper sets are displayed in the DB2 Test Database Generator user interface. In the case of known relationships in Grouper, RI generation is supported. For tables with undefined Grouper relationships, you can specify the table as a source without its associated RI. This feature allows you to select a group of tables and use them as sources so that targets corresponding to them can be generated.

**Multiple table selection:** You can work more quickly using DB2 Test Database Generator now that multiple tables can be selected at once. For example, if you want to make five sources from five tables, you can select all five tables at once and the five corresponding sources will be created simultaneously.

---

**DB2 Performance Expert**

DB2 Performance Expert for Multiplatforms V2.2 adds support for Linux on xSeries 64-bit.

For detailed information about previously announced DB2 Performance Expert for Multiplatforms V2.2 and DB2 Performance Expert for Workgroups V2.2, refer to Software Announcement 205-140, dated June 7, 2005.

**Section 508 of the U.S. Rehabilitation Act**

Products in this announcement are capable as of their availability dates, 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 products properly interoperates with them.

**Trademarks**

DB2, DB2 Universal Database, z/OS, xSeries, and AIX are registered trademarks of International Business Machines Corporation in the United States or other countries or both. Microsoft and Windows are trademarks of Microsoft Corporation.

Java is a trademark of Sun Microsystems, Inc.

UNIX is a registered trademark of the Open Company in the United States and other countries.

Linux is a trademark of Linus Torvalds in the United States, other countries or both.

Other company, product, and service names may be trademarks or service marks of others.
Offering Information

Product information is available via the Offering Information Web site

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

Also, visit the Passport Advantage® Web site

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

Publications

No publications are shipped with these products.

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 free of charge.

Technical information

Hardware requirements

DB2® Data Archive Expert for Multiplatforms V2.1 hardware requirements: The following operating environments are supported:

- Microsoft® Windows™
  - Microsoft Windows 2000 (32-bit)
  - Microsoft Windows Server 2003 (32-bit)
  - Microsoft Windows XP (32-bit)
- AIX 5L™
  - AIX 5L V5.1
  - AIX 5L V5.2
  - AIX 5L V5.3
- Solaris
  - Solaris 8
  - Solaris 9
- Linux™
  - Linux for xSeries® (IA32, x86_64, “Opteron,” “AMD64”) SLES 8 / RHEL 3.0, or later, kernel 2.4.21 — glibc 2.2.5 (32-bit only)
  - Linux for pSeries SLES 8 / RHEL 3.0, or later, kernel 2.4.21 — glibc 2.2.5 (64-bit only)
  - Linux for zSeries SLES 8 / RHEL 3.0, or later, kernel 2.4.21 — glibc 2.2.5 (64-bit only)

DB2 Test Database Generator for Multiplatforms V2.2 hardware requirements: The following operating environments are supported:

- Windows
  - Windows 2000 (32-bit)
  - Windows Server 2003 (32-bit)
  - Windows XP (32-bit)
- AIX 5L
  - AIX 5L V5.1
  - AIX 5L V5.2
  - AIX 5L V5.3
- Solaris
  - Solaris 8
  - Solaris 9
- Linux
  - Linux for xSeries (IA32, x86_64, “Opteron,” “AMD64”) SLES 8 / RHEL 3.0, or later, kernel 2.4.21 — glibc 2.2.5 (32-bit only)
  - Linux for pSeries SLES 8 / RHEL 3.0, or later, kernel 2.4.21 — glibc 2.2.5 (64-bit only)
  - Linux for zSeries SLES 8 / RHEL 3.0, or later, kernel 2.4.21 — glibc 2.2.5 (64-bit only)

DB2 Performance Expert for Multiplatforms V2.2 hardware requirements: Any hardware configuration that supports the following editions of DB2 UDB is supported:

- DB2 UDB Enterprise Server Edition V8.1 with Fix Pack 6b
- DB2 UDB Enterprise Server Edition V8.2.1

Specifically, this includes platforms that support AIX 5L V5.1, or later, HP-UX 11i, or later, Linux on xSeries, Linux on zSeries, Linux on pSeries, Sun Solaris 8 operating environment, or later, Windows 2000, Windows XP, or Windows Server 2003.

- DB2 64-bit support is available for the following platforms: AIX 5L, Sun Solaris, HP-UX, Linux on pSeries, and Linux on xSeries.
- DB2 32-bit support is available for the following platforms: AIX 5L, Sun Solaris, HP-UX, Linux on xSeries, Linux on zSeries, Linux on pSeries, Sun Solaris 8 operating environment, or later, Windows 2000, Windows XP, and Windows Server 2003.

Limitations

- The Performance Expert Agent component does not include DB2 64-bit support.
- The Performance Expert Client component is not supported on Linux on zSeries and HP-UX.

DB2 Performance Expert for Workgroups V2.2 hardware requirements: Any hardware configuration that supports the following editions of DB2 UDB is supported:

- DB2 UDB Workgroup Server Edition V8.1 with Fix Pack 6b
- DB2 UDB Workgroup Server Edition V8.2.1

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
• DB2 UDB Workgroup Server Unlimited Edition V8.1 with Fix Pack 6b
• DB2 UDB Workgroup Server Unlimited Edition V8.2.1

Specifically, this includes platforms that support AIX 5L V5.1, or later, Linux on xSeries, Windows 2000, Windows XP, or Windows Server 2003.
• DB2 64-bit support is available for the following platforms: AIX 5L and Linux on xSeries.
• DB2 32-bit support is available for the following platforms: AIX 5L, Linux on xSeries, and Windows

Limitations
• The Performance Expert Agent component does not include DB2 64-bit support.

Software requirements

DB2 Data Archive Expert for Multiplatforms V2.1 software requirements: The following applications are supported:

Note: Refer to Hardware requirements for more details concerning operating environments.

DAE Client

Operating environment Web browser
Windows Internet Explorer V6
AIX 5L Netscape Navigator V7.2
Mozilla V1.4

DAE Integrated Solutions Console (ISC) component

DB2 Data Archive Expert for Multiplatforms ISC component supports the following operating environments:
• AIX 5L V5.2 64-bit
• Windows 2000 32-bit
• Linux on xSeries 32-bit
• Solaris 8 32-bit

DAE DB Server

Operating environment Application support
Windows 32-bit DB2 V8.1 FP9, or later
AIX® 64-bit DB2 V8.1 FP9, or later
Solaris 32-bit and 64-bit DB2 V8.1 FP9, or later
Linux on xSeries 32-bit DB2 V8.1 FP9, or later
Linux on pSeries 64-bit DB2 V8.1 FP9, or later
Linux on zSeries 64-bit DB2 V8.1 FP9, or later

DB2 Test Database Generator for Multiplatforms V2.2 software requirements: The following applications are supported:

Note: Refer to Hardware requirements for more details concerning operating environments.

TDBG Server

Operating environment Application support
Windows 32-bit DB2 V8.1 FP7, or later
AIX 5L 5.1 32-bit and 64-bit DB2 V8.1 FP7, or later
AIX 5L 5.2 32-bit and 64-bit DB2 V8.1 FP7, or later
AIX 5L 5.3 32-bit and 64-bit DB2 V8.1 FP7, or later
Solaris 8 32-bit and 64-bit DB2 V8.1 FP7, or later
Solaris 9 Only 64-bit DB2 V8.1 FP7, or later
Linux on xSeries Only 64-bit DB2 V8.1 FP7, or later
Linux on pSeries
Linux on zSeries Only 64-bit DB2 V8.1 FP7, or later

Note: Refer to the product documentation for complete support details for specific Linux distributions.

Also required is:
• TCP/IP installed on the workstation and on the DB2 UDB that is to be monitored
• A Web browser such as Microsoft Internet Explorer Version 5, or later, Mozilla Version 1.5, or later, or Netscape Navigator Version 7

On the monitored instance, if you want to integrate operating system data in DB2 Performance Expert:
• AIX Pegasus Version 2.3.2, or later, from AIX Expansion Pack 5.2.6 or 5.3.2
• WBEM Services of Solaris 9
Limitations

- The Performance Expert Agent component does not include DB2 64-bit support.
- The Performance Expert Client component is not supported on Linux on zSeries and HP-UX.

DB2 Performance Expert for Workgroups V2.2 software requirements: Any hardware and software configuration that supports DB2 UDB according to the following table is supported:

<table>
<thead>
<tr>
<th>Edition of DB2</th>
<th>Fix Pack level</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB2 UDB Workgroup Server Edition V8.1</td>
<td>Fix Pack 6b</td>
</tr>
<tr>
<td>DB2 UDB Workgroup Server Edition V8.2.1</td>
<td>N/A</td>
</tr>
<tr>
<td>DB2 UDB Workgroup Server Unlimited Edition V8.1</td>
<td>Fix Pack 6b</td>
</tr>
<tr>
<td>DB2 UDB Workgroup Server Unlimited Edition V8.2.1</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Specifically, this includes platforms that support AIX 5L V5.1, or later, Linux on xSeries, Windows 2000, Windows XP, or Windows Server 2003.

- DB2 64-bit support is available for the following platforms: AIX 5L and Linux on xSeries.
- DB2 32-bit support is available for the following platforms: AIX 5L, Linux on xSeries, and Windows.

Note: Refer to the product documentation for complete support details for specific Linux distributions.

Also required is:

- TCP/IP installed on the workstation and on the DB2 UDB that is to be monitored
- A Web browser such as Microsoft Internet Explorer Version 5, or later, Mozilla Version 1.5, or later, or Netscape Navigator Version 7

On the monitored instance, if you want to integrate operating system data in DB2 Performance Expert:

- AIX Pegasus Version 2.3.2, or later, from AIX Expansion Pack 5.2.6 or 5.3.2
- WBEM Services of Solaris 9

Limitations

- The Performance Expert Agent component does not include DB2 64-bit support.

Planning information

Direct customer support: Direct customer support is provided by IBM Operational Support Services — Support Line. This fee service enhances customers’ productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services — Support Line will help answer questions pertaining to usage and suspected software defects for eligible products.

Installation and technical support is provided by Global Services. For more information, call 800-IBM-4YOU (426-4968).

Packaging: The media pack for DB2 Data Archive Expert for Multiplatforms V2.1 contains the following CDs:

- DB2 Data Archive Expert for Multiplatforms V2.1 base code
- DB2 Grouper component

The media pack for DB2 Test Database Generator for Multiplatforms V2.2 contains the following CDs:

- DB2 Test Database Generator for Multiplatforms V2.2 base code
- DB2 Grouper component

The media pack for DB2 Performance Expert for Multiplatforms V2.2 contains the following CDs:

- DB2 Performance Expert for Multiplatforms V2.2 base code
- DB2 Grouper component

Security, auditability, and control

The following programs use the security and auditability features of the DB2 UDB:

- DB2 Performance Expert for Multiplatforms
- DB2 Performance Expert for Workgroups
- DB2 Test Database Generator for Multiplatforms
- IBM DB2 Data Archive Expert for Multiplatforms

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

<table>
<thead>
<tr>
<th>Licensed function title</th>
<th>Product group</th>
<th>Product category</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB2 Data Archive Expert for Multiplatforms</td>
<td>Database 2(TM)</td>
<td>DB2 Tools</td>
</tr>
<tr>
<td>DB2 Performance Expert for Multiplatforms</td>
<td>Database 2</td>
<td>DB2 Tools</td>
</tr>
<tr>
<td>DB2 Performance Expert for Workgroups</td>
<td>Database Management Other</td>
<td>Database Management Other</td>
</tr>
<tr>
<td>DB2 Test Database Generator</td>
<td>Database 2</td>
<td>DB2 Tools</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program name</th>
<th>PID number</th>
<th>Charge unit description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB2 Data Archive Expert for Multiplatforms</td>
<td>5724-L30</td>
<td>Processors</td>
</tr>
<tr>
<td>DB2 Performance Expert for Multiplatforms</td>
<td>5724-F89</td>
<td>Processors</td>
</tr>
<tr>
<td>DB2 Performance Expert for Workgroups</td>
<td>5724-F90</td>
<td>Processors</td>
</tr>
<tr>
<td>DB2 Test Database Generator</td>
<td>5724-E44</td>
<td>Processors</td>
</tr>
</tbody>
</table>
Charge metrics definitions

Processor

In Full Capacity charging — Proof of Entitlement (PoEs) must be acquired for all activated “processors” (available for use) that are on the server where the program or a component of the program is run.

- If there are program components included in the offering whose function is not to be included in the charge metric, these must be listed in the program-unique terms of the License Information.
- IBM defines a physical processor in a computer as a functional unit that interprets and executes instructions. A physical processor consists of at least an instruction control unit and one or more arithmetic and logic units.
- Multicore technology allows two or more processors (commonly called “cores”) to be active on a single silicon chip. Unless otherwise announced, with multicore technology, IBM considers each “core” to be a physical processor. For example, in a dual-core chip, there are two physical processors residing on the single silicon chip.
- In the zSeries Integrated Facility for Linux (IFL) environment, each IFL engine is considered a single “physical processor.”
- Threading, a technique that makes a single processor seem to perform as two or more, does not affect the count of physical processors.
- Where “blade” technology is employed, each “blade” is considered a separate server and charging is based upon the total number of processors on the blade on which the program is run.

Passport Advantage program licenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB2 Test Database Generator for Multiplatforms</td>
<td>D53FYLL</td>
</tr>
<tr>
<td>DB2 Test Database Generator Processor(s) License &amp; SW Maintenance 12 Months</td>
<td>E016BLL</td>
</tr>
<tr>
<td>DB2 Test Database Generator Processor(s) SW Maintenance Annual Renewal</td>
<td>D53FZLL</td>
</tr>
<tr>
<td>DB2 Test Database Generator Processor(s) SW Maintenance Reinstatement 12 Months</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM DB2 Data Archive Expert for Multiplatforms</td>
<td>D54Y2LL</td>
</tr>
<tr>
<td>DB2 DAE for MP Processor(s) License &amp; SW Maintenance 12 Months</td>
<td>E01RALL</td>
</tr>
<tr>
<td>DB2 DAE for MP Processor(s) SW Maintenance Annual Renewal</td>
<td>D54Y3LL</td>
</tr>
<tr>
<td>DB2 DAE for MP Processor(s) SW Maintenance Reinstatement 12 Months</td>
<td></td>
</tr>
</tbody>
</table>

Passport Advantage supply

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB2 DAE for MP V2.1.0</td>
<td>BBONHNA</td>
</tr>
<tr>
<td>DB2 Perf Exp for MP V2.x V2.2.0</td>
<td>BBONFML</td>
</tr>
<tr>
<td>Media Pack Multilingual (Korean, Japanese, Chinese — Traditional, English U.S.) Windows 2000, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), Linux for pSeries UNIX Servers (incl pSeries IntelliStation), AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.2.0</td>
<td></td>
</tr>
<tr>
<td>DB2 Perf Exp for WG V2.2.0</td>
<td>BBONEML</td>
</tr>
</tbody>
</table>
### 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
<th>Media packs description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DB2 Perf Exp for WG V2.2.0</strong></td>
<td></td>
<td>DB2 Perf Expert for Multiplatforms</td>
<td>BBOFNL</td>
</tr>
<tr>
<td>Entitled maintenance offerings description</td>
<td></td>
<td>DB2 Perf Expert for Multiplatforms</td>
<td></td>
</tr>
<tr>
<td>Media pack description</td>
<td></td>
<td>DB2 Perf Expert for Multiplatforms</td>
<td></td>
</tr>
<tr>
<td><strong>DB2 Test DB Gen for MP V2.2.0</strong></td>
<td></td>
<td>DB2 Test DB Generation</td>
<td>BBOFNTML</td>
</tr>
<tr>
<td>Description</td>
<td></td>
<td>DB2 Test DB Generation</td>
<td></td>
</tr>
<tr>
<td>Media pack description</td>
<td></td>
<td>DB2 Test DB Generation</td>
<td></td>
</tr>
<tr>
<td><strong>DB2 DAE for MP V2.1.0</strong></td>
<td></td>
<td>DB2 DAE for MP</td>
<td>BBOFHNA</td>
</tr>
<tr>
<td>Entitled maintenance offerings description</td>
<td></td>
<td>DB2 DAE for MP</td>
<td></td>
</tr>
<tr>
<td>Media pack description</td>
<td></td>
<td>DB2 DAE for MP</td>
<td></td>
</tr>
</tbody>
</table>

### Terms and conditions

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

**Licensing:** IBM International Program License Agreement (IPLA). PoE 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 numbers**

- **Program name**
  - DB2 Performance Expert for Multiplatforms
  - DB2 Performance Expert for Workgroups
  - DB2 Test Database Generator for Multiplatforms
  - DB2 Data Archive Expert for Multiplatforms

- **Program number**
  - 5724-F89
  - 5724-F90
  - 5724-E44
  - 5724-L30

- **Form number**
  - GC18-9219
  - GC18-9220
  - GC18-9087
  - GC18-9613

On or near the planned availability date, the license information will be available for review on the IBM Software License Agreement Web site


**Limited warranty applies:** Yes

**Warranty:** This program includes a warranty for one year from acquisition from IBM or an authorized IBM Business Partner. For one year from acquisition of the program, this warranty provides the customer with access to databases containing program information and FAQs, including any known fixes to defects, which the customer can download or otherwise obtain and install.

**Money-back guarantee:** If for any reason you are dissatisfied with the program and you are the original licensee, return it within 30 days from the invoice date, to the party (either IBM or its reseller) from whom you acquired it, for a refund.

- For programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program.
Copy and use on home/portable computer: No

Volume orders (IVO): No


These programs are licensed under the IPLA, and the associated Agreement for Acquisition of Software Maintenance, which provides for support with ongoing access to releases and versions of the program. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours) as well as access to updates, releases, and versions of the program as long as support is in effect. S/390® and zSeries IBM Operational Support Services — SoftwareXcel is an option for those customers who desire added services.

Software maintenance applies:

IBM Operational Support Services — SoftwareXcel: Yes

iSeries® Software Maintenance applies: No

Educational allowance available: Not applicable

Usage restriction

IBM DB2 Data Archive Expert 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 on which the program resides and which are attached or available to the program. 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/failover licensing

- In Idle Standby or Active Standby, you must acquire the correct number of processors.
- In Idle Standby, you must license the program for one processor.
- In Active Standby, you must license the program for the number of processors on the active standby server; for example, if the standby machine has four processors.

IBM DB2 Performance Expert 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 on 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/failover licensing

- In Idle Standby or Active Standby, you must acquire the correct number of processors.
- In Idle Standby, you must license the program for one processor.
- In Active Standby, you must license the program for the number of processors on the active standby server; for example, if the standby machine has four processors.

IBM DB2 Performance Expert for Workgroups

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 on 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/failover licensing

- In Idle Standby or Active Standby, you must acquire the correct number of processors.
- In Idle Standby, you must license the program for one processor.
In Active Standby, you must license the program for the number of processors on the active standby server; for example, if the standby machine has four processors.

IBM Electronic Services

IBM Global Services has transformed its delivery of hardware and software support services to put you on the road to higher systems availability. IBM Electronic Services is a Web-enabled solution that provides you with an exclusive, no-additional-charge enhancement to the service and support available on the IBM eServer® platform. These services provide the opportunity for greater system availability due to faster problem resolution and preemptive monitoring. IBM Electronic Services is comprised of two separate but complementary elements: IBM Electronic Services news page and IBM Electronic Service Agent™.

IBM Electronic Services news page provides you with a single Internet entry point that replaces the multiple entry points traditionally used by customers to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The IBM Electronic Service Agent is no-additional charge software that resides on your IBM eServer system. It is designed to proactively monitor events and transmit system inventory information to IBM on a periodic, customer-defined timetable. The IBM Electronic Service Agent tracks system inventory, hardware error logs, and performance information. If the server is under a current IBM maintenance service agreement or within the IBM warranty period, the Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to provide proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent will be made available to IBM service support representatives when they are helping answer your questions or diagnosing problems.

To learn how IBM Electronic Services can work for you, visit

http://www.ibm.com/support/electronic

Prices

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner. Additional information is also available at

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

Order now

To order, contact the Americas Call Centers or your local IBM representative.

To identify your local IBM representative, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
Mail: IBM Americas Call Centers
Dept. Teletweb Customer Support, 9th floor
105 Moatfield Drive
North York, Ontario
Canada M3B 3R1

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.

Trademarks

AIX 5L, Database 2, iSeries, and Electronic Service Agent are trademarks of International Business Machines Corporation in the United States or other countries or both. Passport Advantage, DB2, xSeries, pSeries, zSeries, AIX, IntelliStation, S/390, and eServer are registered trademarks of International Business Machines Corporation in the United States or other countries or both. Intel is a trademark of Intel Corporation. Microsoft and Windows are trademarks of Microsoft Corporation. UNIX is a registered trademark of the Open Company in the United States and other countries. Linux is a trademark of Linus Torvalds in the United States, other countries or both. Other company, product, and service names may be trademarks or service marks of others.