



# IBM DB2 Connect V9.5 for Linux, UNIX, and Windows shortens development time and reduces cost

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## At a glance

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DB2 Connect V9.5 is the next generation hybrid data server with optimized management of both XML and relational data.

Shortens development time lines

- Eclipse-based IBM Data Studio solution
- Tight integration with leading application infrastructures like Hypertext Preprocessor (PHP), Perl, Ruby on Rails, Java, and .NET, including .NET Framework 2.0
- Enhanced support for federated data solutions

Reduces cost

- Adaptive, self-tuning memory allocation
- Object Maintenance Policy wizards for DB2 for z/OS

### For ordering, contact:

Your IBM representative, an IBM Business Partner, or the Americas Call Centers at

**800-IBM-CALL** Reference: YE001

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## Overview

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IBM DB2 Connect® V9.5 for Linux™, UNIX®, and Windows™ delivers new features that address the needs of today's businesses, whether those needs are integrating business data across your organization, reducing IT costs, focusing limited IT resources on creating business value, or providing a secure and resilient information management system for your company's valuable information assets.

DB2 Connect V9.5 is designed to leverage your enterprise information — no matter where it is stored. For those enterprises that have made DB2® on IBM System z™ and System i™ servers the cornerstone of their On Demand Business solution, DB2 Connect provides application enablement and a robust, highly scalable communications infrastructure for connecting Web, Windows, UNIX, Linux, and mobile applications to data.

DB2 Connect V9.5 is the industry-leading solution integrating System z, System i, and other enterprise data with client/server, Web, mobile, and service oriented architecture applications. The new release of DB2 Connect provides your IT staff the ability to be able to depend on the stability and reliability of your existing DB2 and server investment, and also leverage the flexibility and ease of new programming languages and tools.

### Simple application development

An enhanced set of application development tools simplifies database application development and eases application deployment, including a new productivity tool solution for developers called IBM Data Studio. IBM Data Studio allows developers and DBAs to design, develop, deploy and manage their DB2 data servers from a cohesive integrated solution. Enhancements to the IBM Database Add-Ins for Microsoft™ Visual Studio 2005 simplify access to DB2 data and increase developer productivity. DB2 Connect V9.5 also has a unified debugger, rapid application deployment with a lightweight runtime client, new data types such as Decimal Floating point and many other features that allow you to save time, and develop applications that work across different DB2 data servers. Also, the database application development support for Ruby on Rails, Hypertext Proprocessor (PHP), and Perl has been significantly enhanced to keep developers on the leading edge of all programming technologies. DB2 database software is also at the forefront of Java™ solutions with support for JDBC 4.0, JDBC 3.1, and SQLJ applications. DB2 Connect V9.5 federation capabilities simplify the programming challenge by adding support for two-phase commit capabilities for multivendor data sources, greater security, and easier configuration.

### **Reduce administration costs with advances in performance, manageability, and installation**

IBM continues to simplify deployment of DB2 Connect V9.5. With new features such as a streamlined Windows client and DB2's simple response file installation, DB2 Connect V9.5 allows your IT staff to spend more time supporting your business needs instead of installing and deploying database systems.

Autonomic features such as adaptive self-tuning memory allocation and Object Maintenance Policy wizards for DB2 for z/OS® reduce the time required to administer and tune your database system.

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## **Key prerequisites**

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Refer to the Hardware requirements and Software requirements sections.

### **Planned availability dates**

- October 31, 2007: Electronic software delivery
- December 14, 2007: Media and documentation

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## **Description**

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IBM DB2 Connect V9.5 provides fast and robust connectivity to IBM DB2 databases deployed on either System z or System i. DB2 Connect has a number of DB2 Connect server products to best meet company's needs. A DB2 Connect server is a connectivity server that concentrates and manages connections from multiple desktop clients and Web applications to DB2 servers running on System z or System i servers. IBM's DB2 for System i, DB2 for System z, and DB2 for VSE and VM databases continue to be the systems of choice for managing most critical data for the world's largest organizations. While System z and System i databases manage the data, there is a great demand to integrate this data with applications running on Linux, UNIX, and Windows workstations.

DB2 Connect servers enable local and remote client applications to create, update, control, and manage DB2 databases and host systems using:

- Structured Query Language (SQL)
- DB2 APIs
- Open Database Connectivity (ODBC)
- Java Database Connectivity (JDBC)
- SQLJ (embedded SQL for Java)
- DB2 call level interface (CLI)
- Ruby on Rails
- PHP
- Perl

## Application development enhancements

DB2 Connect V9.5 provides numerous enhancements that simplify database application development. Enhancements include a new productivity tool solution for developers called IBM Data Studio. IBM Data Studio allows developers and DBAs to design, develop, deploy, and manage their DB2 data servers from a cohesive integrated solution. Enhancements to the IBM Database Add-Ins for Microsoft Visual Studio 2005 simplify access to DB2 data and increase developer productivity. New support for Ruby on Rails framework, and enhanced JDBC and SQLJ support is provided. DB2 Connect V9.5 also has a unified debugger and many other features that allow you to reduce development time.

PHP extensions have been integrated into DB2 installation (Linux, AIX®, and Windows)

The Hypertext Preprocessor (PHP) extensions are now installed with the IBM Data Server Client (formerly, the DB2 Client).

Ruby on Rails framework support has been integrated into DB2 installation (Linux, AIX, and Windows)

Rapid development and deployment of DB2 Web applications have been enabled and enhanced for Ruby and Ruby on Rails applications.

Perl driver supports pureXML and multibyte characters

The Perl driver has been enhanced by adding two new significant features: pureXML support and multibyte locale support. These new features allow more direct access to the data through the DB2 Perl driver.

IBM Database Add-Ins for Visual Studio 2005 enhancements

IBM Database Add-Ins for Visual Studio 2005, which provides tools for rapid application development, database schema development, and debugging, offers even better support in V9.5.

Enhancements:

- The Add-Ins now enables you to work with any combination of DB2, Informix™ Dynamic Server (IDS), Unidata™, or UniVerse® products.
- The new IBM Function Designer provides an easier way to work with functions.
- When you define a data connection to a DB2 server, you can filter database tables based on table types.
- You can now use the Add-Ins to create Web services that expose database operations (SQL SELECT and DML statements, XQuery expressions, or calls to stored procedures) to client applications. You can also use the add-ins to deploy Web services to or not to deploy Web services from a Web server.
- XML tooling has also been enhanced.

Global variables improve data sharing between SQL statements

V9.5 introduces the concept of global variables, which are named memory variables that you can access and modify through SQL statements. Global variables enable you to share data between different SQL statements running in the same session (or connection) without the need for application logic to support this data transfer.

Array support enhances application portability

V9.5 supports the ARRAY collection data type. Arrays are transient values that you can manipulate in stored procedures and applications but cannot store in tables. This feature makes it easier to port applications and stored procedures from other database vendors that already support arrays.

Decimal floating-point data type improves the accuracy and performance of decimal data

V9.5 introduces DECFLOAT, a decimal floating-point data type that is useful in business applications (for example, financial applications) that deal with exact decimal values.

## JDBC and SQLJ support enhancements

In V9.5, two versions of the IBM Data Server Driver for JDBC and SQLJ are available: one that supports functions in the JDBC 3.1 and earlier specifications, and one that supports functions in the JDBC 4.0 and earlier specifications.

## IBM Data Server Provider for .NET enhancements

The IBM Data Server Provider for .NET now supports IBM Informix Dynamic Server (IDS), IBM UniData, and IBM UniVerse data servers along with DB2 data servers. This enables you to use the same data server provider for any combination of DB2, Informix, UniData, or UniVerse products in the same .NET application.

## IBM Data Studio

- IBM Data Studio allows developers and DBAs to design, develop, deploy, and manage their DB2 data servers from a cohesive integrated solution
  - Design
    - Physical data modeling
    - Data distribution viewer
  - Develop
    - Integrated query editor for SQL and XQuery
    - SQL builder
    - SQL and Java routine editor and debugger
    - XML schema editor
    - XML editor
    - Data Web services
  - Deploy
    - Stored procedure deployment
  - Manage
    - Object management
    - Object filtering and browsing
    - Create, alter, and drop
    - Data management
    - Extract, load, browse, edit
    - Utility management
    - Update statistics

## Java routine class loader enhancements

Application developers who develop Java routines can now utilize multiple Java classes that have the same name by including them in separate JAR files and by explicitly identifying them in routine create statements.

The Data Server Driver for JDBC and SQLJ contains the following major enhancements for DB2 Connect:

- Compliance with the JDBC 4.0 specification
- Support for the new DB2 for z/OS BINARY, VARBINARY, BIGINT, and DECFLOAT column data types
- Support for the new XML column data type
- New DB2-only methods to support trusted connections
- Support for progressive streaming for retrieval of large objects (LOBs) and XML data
- Support for heterogeneous pooling and connection reuse

- SSL support
- Tolerable errors
- sendDataAsIs property
- PHP support enhancements
- Ruby on Rails Framework support
- Perl driver support for pureXML and multibyte characters
- IBM Database Add-Ins for Microsoft Visual Studio 2005 enhancements
- Decimal floating-point data type support allowing improved accuracy and performance of decimal data

#### Federation enhancements

Federation support enhancements include support for the XML data type, application savepoints, and WITH HOLD cursors. Security has also been improved with support for Trusted Context with DB2 V9.5 for Linux, UNIX, and Windows, and a new C-based interface to external user mapping repositories.

#### New data server client product simplifies deployment for Windows environment

The new IBM Data Server Driver for ODBC, CLI, and .NET client makes it easier to provide access to DB2 servers from Windows-based applications that use the ODBC driver, CLI driver, OLE DB driver, or IBM Data Server Provider for .NET.

This client, which has a small footprint, is designed to be redistributed by independent software vendors (ISVs) and to be used for application distribution in mass deployment scenarios typical of large enterprises.

Driver registration and configuration are handled automatically during installation. Removal of the registration is handled automatically during uninstall.

#### Installation, migration, and fix pack considerations

With new features and enhancements such as coexistence of multiple DB2 Connect versions and fix packs on Windows, manual installation enhancements, and support for concurrent copies of DB2 Connect servers on Linux and UNIX, DB2 Connect V9.5 allows your IT staff to spend more time supporting business goals instead of installing and configuring database systems.

#### DB2 Connect can be installed using a non-administrator user ID (Windows)

Anyone who does not want to use an administrator ID when installing DB2 Connect on Windows, now has another option. You can use the Windows operating system elevated privileges feature to perform the installation with a Windows Power User ID or a Restricted User ID.

#### Installation and coexistence of multiple DB2 Connect versions and fix packs

DB2 V9.5 on Windows introduces the ability to install multiple DB2 Connect servers and client copies on the same system. Each DB2 Connect installation copy can either be at the same level or at a different level of DB2 Connect. On Linux and UNIX, this support does not require the use of an alternate fix pack.

When installing DB2 Connect on a machine that already has a DB2 product copy installed, you can install a new DB2 copy or work with and update an existing DB2 copy.

#### Manageability enhancements

In this section, the following products are referred to collectively as DB2 for z/OS:

- DB2 UDB for z/OS, V8
- DB2 UDB for OS/390® and z/OS, V7
- DB2 for z/OS

## **Automated evaluation of object maintenance policies by the DB2 UDB for z/OS health monitor**

The Control Center's Create and Change Object Maintenance Policy wizards allow you to automate the evaluation of object maintenance policies by the DB2 for z/OS health monitor. On the z/OS system, a DB2 for z/OS health monitor is started as a task for each DB2 subsystem to be monitored.

### **EXEC SQL utility support for loading data into DB2 for z/OS tables**

- DB2 UDB for z/OS, V8
- DB2 UDB for OS/390 and z/OS, V7

The Control Center's Load Table and Load on Table Space notebooks support the INCURSOR option of the LOAD utility. The Control Center uses the EXEC SQL utility control statement to declare a cursor, and the result table from the declared cursor is used as input to the LOAD utility.

### **V9 incompatibilities with previous releases**

- Type 3 JDBC support is discontinued.
- Vendor load API (sqluvtld) is discontinued.
- VSE/VM objects are no longer supported in the DB2 Control Center.
- Data Links Manager is no longer supported.
- Data Warehouse Center is no longer included.
- Audio, Image, and Video Extenders are no longer supported.
- Autoloader utility (db2atld) is no longer supported.
- The db2reg2large utility for converting DMS table space size is discontinued.
- DB2\_SCATTERED\_IO registry variable is discontinued.
- The desktop icon and folder making utility is no longer supported (Linux).
- Extended Storage option for buffer pools is discontinued.
- NetBios and SNA communication protocols are no longer supported.
- DB2 Administration Tools are discontinued on some platforms. The DB2 Administration Tools are supported only on Windows x86, Windows x64 (AMD64/EM64T), 32-bit Linux on x86, and Linux for AMD64 and Intel® EM64T.
- Text Extender is no longer supported.

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

DB2 Connect Enterprise Edition is capable as of December 14, 2007, 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 at

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

### **IPLA and Subscription and Support considerations**

IPLA licenses can be transferred from one machine to another within, but not limited to an enterprise. You may aggregate the capacity for all the processors the product is operated on to achieve a more economic price. This will result in a single Proof of Entitlement (PoE). It is your responsibility to manage the distribution of Value Units within the limits of the entitlement of the product license.

Subscription and Support must cover the same capacity as the product license entitlement. Subscription and Support will be available in the country in which the agreement is made.

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## **Product positioning**

## **DB2 Connect Personal Edition**

DB2 Connect Personal Edition provides the API drivers and connectivity infrastructure to enable direct connectivity from Windows and Linux desktop applications to System z and System i database servers. This product is specifically designed and licensed for enabling two-tier client/server applications running on individual workstations and, as such, is not appropriate for use on servers.

Unlike server-based products (DB2 Connect Enterprise Edition, Application Server Edition, and Unlimited Edition), DB2 Connect Personal Edition does not provide the advanced functions such as Mobility on Demand, federated database support, server-based monitoring or connection concentrator, and associated load-balancing and failover support.

## **DB2 Connect Enterprise Edition**

DB2 Connect Enterprise Edition is a combination of DB2 Connect server and Data Server Client software designed to address the needs of organizations that require robust connectivity from a variety of desktop systems to System z and System i database servers. Data Server Client software is deployed on desktop systems and provides API drivers that connect client/server applications running on these desktop systems to a DB2 Connect server. Designed to provide connectivity for client/server applications in large-scale, demanding environments, DB2 Connect server provides connection pooling and connection concentrator functions to maximize application availability, while minimizing System z and System i resources.

License charges for DB2 Connect Enterprise Edition are based on the number of users of the product. Two types of licensing users are provided, concurrent users and authorized users, and they are each sold in packs of 25 users. The concurrent user licensing model addresses the needs of two-tier client/server applications. The authorized user licensing model can be applied to any environment provided the identity of each user is well known. However, since charges for the DB2 Connect Enterprise Edition are based on the number of users and because determining the number of actual users in mobile and Web-based applications is very difficult or even impossible, DB2 Connect Application Server Edition and DB2 Connect Unlimited Edition are preferred licensing options for such environments.

## **DB2 Connect Application Server Edition**

DB2 Connect Application Server Edition is identical to the DB2 Connect Enterprise Server in its technology. Just like the DB2 Connect Enterprise Edition, it is designed for large-scale, demanding environments. However, its licensing terms and conditions are meant to address specific needs of multitier client/server applications as well as applications that utilize Web technologies. DB2 Connect Application Server Edition license charges are based on the size or the number of processors available to the application servers where the application is running. License charges are not affected by the number of users of the application, the size of the DB2 Connect server itself, or the size of the System z or System i database server.

## **DB2 Connect Unlimited Edition for System z**

DB2 Connect Unlimited Edition is ideal for organizations with extensive usage of DB2 Connect, especially where multiple applications are involved. This product provides program code of the DB2 Connect Personal Edition as well as program code identical to the DB2 Connect Application Server Edition for unlimited deployment throughout an organization.

DB2 Connect Unlimited Edition license fees are based on the size of the DB2 System z server (measured in MSUs) and are not affected by either the number of processors available to the DB2 Connect servers or the number of processors available to application servers where the application is running. This makes DB2 Connect Unlimited Edition an ideal choice for organizations where multiple applications are utilizing DB2 Connect, or organizations with a mix of two-tier, multitier client/server, Web-based, and mobile applications.

## **DB2 Connect Unlimited Edition for System i**

DB2 Connect Unlimited Edition is ideal for organizations with extensive usage of DB2 Connect, especially where multiple applications are involved. This product provides program code of the DB2 Connect Personal Edition as well as program code identical to the DB2 Connect Application Server Edition for unlimited deployment throughout an organization. DB2 Connect Unlimited Edition for System i license fees are based on the number of processors allocated to the data source running on i5/OS or OS/400® operating systems. Charges for the program are not based on the processors attached or available to the DB2 Connect Unlimited Edition for System i itself. Unlimited users are permitted. This makes DB2 Connect Unlimited Edition for System i an ideal choice for organizations where multiple applications are utilizing DB2 Connect or organizations with a mix of two-tier, multitier client/server, Web-based, and mobile applications.

## Reference information

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Refer to Software Announcement [206-127](#), dated June 7, 2006.

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## Availability of national languages

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Product description	Language	GA date
DB2 CEE V9.5.0	Multilingual (French, Danish, Korean, Chinese -- Simplified, Spanish, Norwegian Bokmal, Portuguese-Brazilian, German, Swedish, Japanese, Chinese -- Traditional, English, Czech, Italian, Finnish, Polish)	December 14, 2007
DB2 CUE for System i V9.5.0	Multilingual (French, Danish, Korean, Chinese -- Simplified, Spanish, Norwegian Bokmal, Portuguese-Brazilian, German, Swedish, Japanese, Chinese -- Traditional, English, Czech, Italian, Finnish, Polish)	December 14, 2007
DB2 Connect App Server V9.5.0	Multilingual (French, Danish, Korean, Chinese -- Simplified, Spanish, Norwegian Bokmal, Portuguese-Brazilian, German, Swedish, Japanese, Chinese -- Traditional, English, Czech, Italian, Finnish, Polish)	December 14, 2007
DB2 Connect PE V9.5.0	Multilingual (French, Danish, Korean, Chinese -- Simplified, Spanish, Norwegian Bokmal, Portuguese-Brazilian, German, Swedish, Japanese, Chinese -- Traditional, English, Czech, Italian, Finnish, Polish)	December 14, 2007
DB2 Connect UE V9.5.0	Multilingual (French, Danish, Korean, Chinese -- Simplified, Spanish, Norwegian Bokmal,	December 14, 2007



Portuguese-Brazilian,  
 German, Swedish,  
 Japanese, Chinese  
 -- Traditional,  
 English, Czech,  
 Italian, Finnish,  
 Polish)

## Trademarks

System i, System z, Informix, Unidata, and iSeries are trademarks of International Business Machines Corporation in the United States or other countries or both.

DB2 Connect, DB2, z/OS, AIX, UniVerse, OS/390, and OS/400 are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Intel is a registered trademark of Intel Corporation.

Windows and Microsoft 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.

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## Education support

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The following educational offerings are available as listed below:

Course code	Course title	Course type
CF60G	DB2 Connect (R) DRDA (R) Implementation with TCP/IP	Classroom
CF63G	DB2 Connect to DB2 (R) for OS/390 (R): Problem Determination and Performance	Classroom

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training Web site

[http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp\\_search](http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp_search)

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

The following courses will be released or updated as a result of this product announcement. New courses and updates are traditionally completed within three months of the availability date of the product. Check with your country's Information Management Training and Education Web site or contact person to determine exactly when the new course material will be available.

The following educational offerings are available:

Category	Course code	Course title	Course type
New courses	CG09	DB2 9 for Linux(TM), UNIX(R), and Windows(TM) Transition	Classroom
	CG13	Querying and Administering pureXML data with DB2	Classroom
Introduction courses	CF03	DB2 Fundamentals	Classroom
	CF12	DB2 SQL Workshop	Classroom
Database	CF20	DB2 Administration	Classroom

Administration courses		Workshop for Linux	
	CF21	DB2 Administration Workshop for UNIX	Classroom
	CF23	DB2 Administration Workshop for Windows	Classroom
	CF27	DB2 Administration Workshop for Sun Solaris	Classroom
	CF28	Fast Path to DB2 for Experienced Relational DBAs	Classroom
Advanced Database Administration courses	CF46	DB2 Advanced Database Administration for Experts	Classroom
	CF48	DB2 for Linux, UNIX and Windows Quickstart for Experienced Relational DBAs	Classroom
	CF49	DB2 Advanced Recovery for Single-partition Databases	Classroom
	CF41	DB2 Database Performance Tuning and Monitoring Workshop	Classroom
Multi-partition courses	CF24	DB2 Multi-partition Database Administration Workshop for UNIX	Classroom
	CG24	DB2 Multi-partition Environment for Single-partition DBAs	Classroom
	CF44	DB2 for UNIX Multi-partition Performance Workshop	Classroom
DB2 Connect courses	CF60	DB2 Connect DRDA Implementation with TCP/IP	Classroom
	CF63	DB2 Connect for DB2 for z/OS(R) Problem Determination and Performance	Classroom

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are available on the Web at

[http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp\\_search](http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp_search)

Call IBM Training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

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## 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>

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## Publications

No publications are shipped with these products.

<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 50 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.

Description	Language	Form Number
DB2 Connect V9.5 User's Guide	English	SC23-5841
	Brazilian Portuguese	S517-8892-00
	Bulgarian	SA12-6671-00
	Croatian	SA12-6594-00
	Czech	SC09-3803-00
	Dutch	SC14-5571-00
	French	SC11-2831-00
	German	SC12-3925-00
	Hungarian	SC22-0451-00
	Japanese	GC88-4442-00
	Korean	SA30-3483-00
	Polish	SC85-0304-00
	Romanian	SA12-6539-00
	Russian	SC89-1005-00
	Spanish	SC11-3514-00
Simplified Chinese	S151-0626-00	
Slovakian	SA12-6776-00	
Slovenian	SA12-6392-00	
Traditional Chinese	SC40-2288-00	
DB2 Connect V9.5 Quick Beginnings for DB2 Connect Servers	English	GC23-5840
	Brazilian Portuguese	G517-8894-00
	Bulgarian	GA12-6673-00
	Croatian	GA12-6596-00
	Czech	GC09-3805-00
	French	GC11-2833-00
	German	GC12-3927-00
	Hungarian	GC22-0453-00
	Japanese	GC88-4444-00
	Korean	GA30-3485-00
	Polish	GC85-0303-00
	Romanian	GA12-6541-00
	Russian	GC89-1007-00
	Spanish	GC11-3516-00
	Simplified Chinese	G151-0628-00
Slovakian	GA12-6778-00	
Slovenian	GA12-6395-00	
Traditional Chinese	GC40-2287-00	
DB2 Connect V9.5 Quick Beginnings for DB2 Connect Personal Edition	English	GC23-5839
	Brazilian Portuguese	G517-8893-00
	Bulgarian	GA12-6672-00
	Croatian	GA12-6595-00
	Czech	GC09-3804-00
	Dutch	GC14-5572-00
	French	GC11-2832-00
	German	GC12-3926-00
	Hungarian	GC22-0452-00
	Japanese	GD88-4443-00
	Korean	GA30-3484-00
	Polish	GC85-0302-00
	Romanian	GA12-6540-00
	Russian	GC89-1006-00
	Spanish	GC11-3515-00

Simplified Chinese	G151-0627-00
Slovakian	GA12-6777-00
Slovenian	GA12-6394-00
Traditional Chinese	GC40-2286-00

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## Technical information

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### Specified operating environment

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**Hardware requirements:** Minimum hardware requirements:

- 32-bit DB2 products and components running on x86 systems with 32-bit Windows or Linux: Intel® Pentium® 4, Intel Xeon, AMD Athlon, AMD Opteron central processing unit (CPU), or higher.
- 64-bit DB2 products and components running on x86-64 systems with 64-bit Windows or Linux: Systems with Intel EM64T or AMD64 processors.
- DB2 products running on AIX® and Linux for System p™ and System i™: POWER™ 4 and POWER 5 CPUs.
- For DB2 products running on Solaris, UltraSPARC CPUs.
- For DB2 products on all other systems, the CPU requirements are determined by the operating system being used.

The hardware requirements of DB2 products may be occasionally updated. To obtain the current information for supported hardware, refer to

- <http://www.ibm.com/software/data/db2/udb/sysreqs.html>

### Memory requirements

Data Server Clients: The amount of memory required for the Data Server Runtime Client depends on the operating system and the database applications that are running. In most cases, it should be sufficient to use the minimum memory requirements of the operating system as the minimum requirement for running the Data Server Runtime Client. Graphical tools, that are part of an Administration and Application Development client, will require an additional 192 MB. The following table shows applicable recommended minimum memory for installation prerequisite in MB. The actual requirement depends on the applications the customer intends to run. Additional memory may be required to handle heavy workloads and large numbers of users. The following numbers are for reference only.

DB2 products and components	Memory
DB2 Connect Personal Edition	64 MB
DB2 Connect Server editions	256 MB

**Disk space requirements:** The following table shows applicable recommended minimum disk space for a typical install in MB. The actual space required may vary depending on the customers' file system and the components installed. The numbers below are for reference only.

DB2 products and components	Disk space
DB2 Connect server editions	450 MB(1)
DB2 Connect Personal Edition	256 MB(2)
Data Server Runtime Client	100 MB
Data Server Client	256 MB(2)
DB2 Information Center	120 MB(3)

- (1) Does not include any DB2 databases. An empty DB2 database requires 200 MB of disk space.
- (2) Includes the JDK and graphical tools.
- (3) English only. Other languages may require more disk space.

**Software requirements:** The operating system support level of various DB2 Connect products is frequently updated. To obtain the current information for supported software levels, including recommended maintenance levels, visit

The following minimal requirements for operating systems are current at the time of announcement:

### Linux

- Red Hat Enterprise Linux (RHEL) 4 and 5 on 32-bit AMD and Intel x86 systems<sup>4</sup>
- SUSE Linux Enterprise Server (SLES) 9 and 10 on 32-bit AMD and Intel x86 systems<sup>4</sup>
- Red Hat Enterprise Linux (RHEL) 4 and 5 on 64-bit AMD and Intel x64 systems
- SUSE Linux Enterprise Server (SLES) 9 and 10 on 64-bit AMD and Intel x64 systems
- Red Hat Enterprise Linux (RHEL) 4 and 5 on 64-bit System z<sup>6</sup>
- SUSE Linux Enterprise Server (SLES) 9 and 10 on 64-bit System z<sup>6</sup>
- Red Hat Enterprise Linux (RHEL) 5 on 64-bit System p<sup>6</sup>
- SUSE Linux Enterprise Server (SLES) 10 on 64-bit System p<sup>6</sup>

### Windows

- Windows XP Professional Edition 32 bit and 64 bit<sup>4</sup>
- Windows Vista Business, Enterprise, and Ultimate Editions 32 bit and 64 bit<sup>4</sup>
- Windows 2003 Standard, Enterprise, and Datacenter Editions 32 bit and 64 bit

### AIX

- AIX V5.3

### HP-UX

- HP-UX for 64-bit HP Integrity servers (Itanium-based systems)

### Solaris<sup>5</sup>

- Solaris 9 for UltraSPARC servers
- Solaris 10 for UltraSPARC servers

<sup>4</sup> Supported for DB2 Connect Personal Edition only.

<sup>5</sup> Solaris x64 support to be available at a later date.

<sup>6</sup> Supported for DB2 Connect Server editions only.

For more information, refer to the Installation Prerequisites in the documentation accompanying each product.

**Compatibility:** DB2 Connect is compatible with some mainframe and System i servers. For up-to-date information, refer to

### Planning information

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Software Maintenance is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Maintenance offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Maintenance with each program license acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

## **Packaging: IBM DB2 Connect Personal Edition V9.5**

Media:

- IBM DB2 Connect Quick Start CD
- IBM DB2 Connect Personal Edition for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Personal Edition for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Personal Edition for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Personal Edition for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Information Center for Linux DVD
- IBM DB2 Information Center for Windows DVD
- IBM DB2 Information Center Updates for Linux and Windows DVD
- IBM DB2 PDF documentation DVD
- IBM Data Server Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Client for Linux on System z™ DVD
- IBM Data Server Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Studio for Windows DVD
- IBM Data Studio for Linux DVD

## **IBM DB2 Connect Enterprise Edition V9.5**

Media:

- IBM DB2 Connect Quick Start CD
- IBM DB2 Connect Enterprise Edition — Activation CD
- IBM DB2 Connect Server for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Server for Linux on POWER (System i and System p) systems DVD
- IBM DB2 Connect Server for Linux on System z DVD
- IBM DB2 Connect Server for AIX DVD
- IBM DB2 Connect Server for HP-UX on HP Integrity Itanium-based systems DVD
- IBM DB2 Connect Server for Solaris on UltraSPARC systems DVD
- IBM DB2 Connect Server for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Server Runtime Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Runtime Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Runtime Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Runtime Client for Linux on System z DVD
- IBM Data Server Runtime Client for AIX DVD
- IBM Data Server Runtime Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Runtime Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Runtime Client for Windows on 32-bit AMD and Intel systems (x86) DVD

- IBM Data Server Runtime Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Server Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Client for Linux on System z DVD
- IBM Data Server Client for AIX DVD
- IBM Data Server Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Studio for Windows DVD
- IBM Data Studio for Linux DVD
- IBM Data Server Drivers for AIX, Linux, Solaris, and HP-UX DVD
- IBM Data Server Drivers for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Drivers for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Embedded Application Server for AIX, HP-UX, Linux, Solaris, and Windows DVD
- IBM DB2 Information Center for Linux DVD
- IBM DB2 Information Center for Windows DVD
- IBM DB2 Information Center Updates for Linux and Windows DVD
- IBM DB2 PDF documentation DVD

Complimentary products and additional media:

- IBM WebSphere® MQSeries® CDs
- IBM Tivoli® System Automation for Multiplatform — Windows CD

### **IBM DB2 Connect Application Server Edition V9.5**

Media:

- IBM DB2 Connect Quick Start CD
- IBM DB2 Connect Application Server Edition — Activation CD
- IBM DB2 Connect Server for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Server for Linux on POWER (System i and System p) systems DVD
- IBM DB2 Connect Server for Linux on System z DVD
- IBM DB2 Connect Server for AIX DVD
- IBM DB2 Connect Server for HP-UX on HP Integrity Itanium-based systems DVD
- IBM DB2 Connect Server for Solaris on UltraSPARC systems DVD
- IBM DB2 Connect Server for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Server Runtime Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Runtime Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Runtime Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Runtime Client for Linux on System z DVD

- IBM Data Server Runtime Client for AIX DVD
- IBM Data Server Runtime Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Runtime Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Runtime Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Runtime Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Server Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Client for Linux on System z DVD
- IBM Data Server Client for AIX DVD
- IBM Data Server Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Studio for Windows DVD
- IBM Data Studio for Linux DVD
- IBM Data Server Drivers for AIX, Linux, Solaris, and HP-UX DVD
- IBM Data Server Drivers for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Drivers for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Embedded Application Server for AIX, HP-UX, Linux, Solaris, and Windows DVD
- IBM DB2 Information Center for Linux DVD
- IBM DB2 Information Center for Windows DVD
- IBM DB2 Information Center Updates for Linux and Windows DVD
- IBM DB2 PDF documentation DVD
- IBM DB2 Mobility on Demand DVD

Complimentary products and additional media:

- IBM WebSphere MQSeries CDs
- IBM Tivoli System Automation for Multiplatform — Windows CD

### **IBM DB2 Connect Unlimited Edition for System z V9.5**

Media:

- IBM DB2 Connect Quick Start CD
- IBM DB2 Connect Unlimited Edition for System z — Activation CD
- IBM DB2 Connect Personal Edition for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Personal Edition for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Personal Edition for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Personal Edition for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Connect Server for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Server for Linux on POWER (System i and System p) systems DVD



- IBM DB2 Connect Server for Linux on System z DVD
- IBM DB2 Connect Server for AIX DVD
- IBM DB2 Connect Server for HP-UX on HP Integrity Itanium-based systems DVD
- IBM DB2 Connect Server for Solaris on UltraSPARC systems DVD
- IBM DB2 Connect Server for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Server Runtime Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Runtime Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Runtime Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Runtime Client for Linux on System z DVD
- IBM Data Server Runtime Client for AIX DVD
- IBM Data Server Runtime Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Runtime Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Runtime Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Runtime Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Server Client for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Client for Linux on System z DVD
- IBM Data Server Client for AIX DVD
- IBM Data Server Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM Data Studio for Windows DVD
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- IBM Data Server Drivers for AIX, Linux, Solaris, and HP-UX DVD
- IBM Data Server Drivers for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Drivers for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Embedded Application Server for AIX, HP-UX, Linux, Solaris, and Windows DVD
- IBM DB2 Information Center for Linux DVD
- IBM DB2 Information Center for Windows DVD
- IBM DB2 Information Center Updates for Linux and Windows DVD
- IBM DB2 PDF documentation DVD
- IBM DB2 Mobility on Demand DVD

Complimentary products and additional media:

- IBM WebSphere MQSeries CDs
- IBM Tivoli System Automation for Multiplatform — Windows CD

### **IBM DB2 Connect Unlimited Edition for System i V9.5**

Media:

- IBM DB2 Connect Quick Start CD
- IBM DB2 Connect Unlimited Edition for System i — Activation CD
- IBM DB2 Connect Personal Edition for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Personal Edition for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Personal Edition for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Personal Edition for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Connect Server for Linux on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM DB2 Connect Server for Linux on POWER (System i and System p) systems DVD
- IBM DB2 Connect Server for Linux on System z DVD
- IBM DB2 Connect Server for AIX DVD
- IBM DB2 Connect Server for HP-UX on HP Integrity Itanium-based systems DVD
- IBM DB2 Connect Server for Solaris on UltraSPARC systems DVD
- IBM DB2 Connect Server for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM DB2 Connect Server for Windows on AMD64 and Intel EM64T systems (x64) DVD
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- IBM Data Server Runtime Client for Linux on AMD64 and Intel EM64T systems (x86-64) DVD
- IBM Data Server Runtime Client for Linux on POWER (System i and System p) systems DVD
- IBM Data Server Runtime Client for Linux on System z DVD
- IBM Data Server Runtime Client for AIX DVD
- IBM Data Server Runtime Client for HP-UX on HP Integrity Itanium-based systems DVD
- IBM Data Server Runtime Client for Solaris on UltraSPARC systems DVD
- IBM Data Server Runtime Client for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Runtime Client for Windows on AMD64 and Intel EM64T systems (x64) DVD
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- IBM Data Server Client for Linux on System z DVD
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- IBM Data Server Client for Solaris on UltraSPARC systems DVD
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- IBM Data Server Drivers for Windows on 32-bit AMD and Intel systems (x86) DVD
- IBM Data Server Drivers for Windows on AMD64 and Intel EM64T systems (x64) DVD
- IBM DB2 Embedded Application Server for AIX, HP-UX, Linux, Solaris, and Windows DVD
- IBM DB2 Information Center for Linux DVD

- IBM DB2 Information Center for Windows DVD
- IBM DB2 Information Center Updates for Linux and Windows DVD
- IBM DB2 PDF documentation DVD
- IBM DB2 Mobility on Demand DVD

Complimentary products and additional media:

- IBM WebSphere MQSeries CDs
- IBM Tivoli System Automation for Multiplatform — Windows CD

### **Security, auditability, and control**

DB2 Connect Personal Edition, DB2 Connect Enterprise Edition, DB2 Connect Application Server Edition, DB2 Connect Unlimited Edition for System z, and DB2 Unlimited Edition for System i use security and auditability features to encrypt user IDs, passwords, and the data that flows between the client application and the backend database server. This ensures that only valid users are permitted access to the database servers. DB2 Connect interfaces with Microsoft™ Active Directory and Kerberos security mechanisms.

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

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## **Software Services**

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

To locate an IBM Business Partner, visit

<http://www.ibm.com/software/solutions/isv>

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## **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 Connect Application Server Edition	IBM Database 2(TM)	IBM DB2 Connection
IBM DB2 Connect Enterprise Edition	IBM Database 2	IBM DB2 Connection
IBM DB2 Connect Personal Edition	IBM Database 2	IBM DB2 Connection
IBM DB2 Connect Unlimited Edition for System i	IBM Database 2	IBM DB2 Connection
IBM DB2 Connect Unlimited Edition for System z	IBM Database 2	IBM DB2 Connection
Program name	PID number	Charge unit description

IBM DB2 Connect Application Server Edition	5724-D54	Value Unit
IBM DB2 Connect Application Server Edition	5724-D54	Value Unit for Linux on System z
IBM DB2 Connect Enterprise Edition	5765-F30	25 Concurrent Users
IBM DB2 Connect Enterprise Edition	5765-F30	25 Concurrent Users for Linux on System z
IBM DB2 Connect Enterprise Edition	5765-F30	25 Authorized Users
IBM DB2 Connect Enterprise Edition	5765-F30	25 Authorized Users for Linux on System z
IBM DB2 Connect Personal Edition	5724-B56	Client Devices
IBM DB2 Connect Unlimited Edition for System i	5724-M15	Value Unit
IBM DB2 Connect Unlimited Edition for System z	5724-B62	MSU -- Million Service Units
IBM DB2 Connect Unlimited Edition for System z	5724-B62	Host Server
IBM DB2 Connect Unlimited Edition for System z	5724-B62	Host Server for Linux on System z
IBM DB2 Connect Unlimited Edition for System z	5724-B62	MSU -- Million Service Units for Linux on System z

## Charge metrics definitions

### Value Unit

A Value Unit is a pricing charge metric for program license entitlements which is based upon the quantity of a specific designated measurement used for a given program. Each program has a designated measurement. The most commonly used designated measurement is a processor core. However, for select programs, there are other designated measurements such as users, client devices, and messages. The number of Value Unit entitlements required for a program depends on how the program is deployed in your environment and must be obtained from a Value Unit table. You must obtain a PoE for the calculated number of Value Unit entitlements for your implementation. The Value Unit entitlements are specific to a program and may not be exchanged, interchanged, or aggregated with Value Unit entitlements of another program.

### Processor (Value Unit)

A processor core is a functional unit within a computing device that interprets and executes instructions. A processor core consists of at least an instruction control unit and one or more arithmetic or logic unit. With multicore technology, each core is considered a processor. Not all processor cores require the same number of Value Unit entitlements. To calculate the number of Value Unit entitlements required, refer to the Value Unit table on the following Web site

[http://www-142.ibm.com/software/sw-lotus/services/cwepassport.nsf/wdocs/pvu\\_table\\_for\\_customers](http://www-142.ibm.com/software/sw-lotus/services/cwepassport.nsf/wdocs/pvu_table_for_customers)

With full capacity licensing, a PoE must be acquired for the appropriate number of Value Units based on all activated processor cores available for use on the server.

### Concurrent user

A concurrent user is one and only one individual within or outside your enterprise. The number of PoEs required is for the highest number of users simultaneously accessing the program or any program components either directly or indirectly (via a multiplexing program, device, or application server) through any means on behalf of the user. Concurrent users are counted at the DB2 Connect Server and the total number of concurrent users for each DB2 Connect server are not aggregated with other DB2 Connect Servers. Concurrent users are purchased in packs of 25 and each DB2 Connect Server total number of concurrent users are licensed separately.

### Authorized user

An authorized user is one and only one individual (named or unnamed) within or outside your

enterprise. A PoE must be obtained for each individual user accessing the program in any manner. A program licensed under an authorized user PoE may be installed on a single computer or server, and accessed by multiple users, provided that a PoE has been obtained for each individual user accessing the program either directly or indirectly (via a multiplexing program, device, or application server) through any means on behalf of the user. Authorized users are purchased in packs of 25. Authorized users are counted at the DB2 Host or the DB2 Host Sysplex and each DB2 Host or Sysplex total number of authorized users are licensed separately.

#### Client device

A client device is a computing device that requests the execution of a set of commands, procedures, or applications from another computer system that is typically referred to as a server. Multiple client devices may share access to a common server. A client device generally has some processing capability or is programmable to allow a user to do work. Examples include, but are not limited to, notebook computers, desktop computers, desk side computers, technical workstations, appliances, automated teller machines, point-of-sale terminals, tills and cash registers, and kiosks.

#### Passport Advantage program licenses

##### DB2 Connect Application Server Edition

Part description	Part number
IBM DB2 Connect Application Server Edition	
DB2 CASE Value Unit License and SW Maintenance 12 Months	D55NILL
DB2 CASE Value Unit SW Maintenance Annual Renewal	E022ILL
DB2 CASE Value Unit SW Maintenance Reinstatement 12 Months	D55NJLL
DB2 CASE for LIN on Sys z Value Unit SW Maintenance Reinstatement 12 Months	D55NLLL
DB2 CASE for Linux on Sys z Value Unit License and SW Maintenance 12 Months	D55NKLL
DB2 CASE for Linux on Sys z Value Unit SW Maintenance Annual Renewal	E022JLL

##### DB2 Connect Enterprise Edition

Part description	Part number
IBM DB2 Connect Enterprise Edition	
DB2 CEE for Linux on System z 25 Auth Us SW Maintenance Annual Renewal	E02KMLL
DB2 CEE Authorized Users License and SW Maintenance 12 Months	D58FILL
DB2 CEE Authorized Users SW Maintenance Annual Renewal	E02K5LL
DB2 CEE Authorized Users SW Maintenance Reinstatement 12 Months	D58FJLL
DB2 CEE Concurrent Users License and SW Maintenance 12 Months	D58FGLL
DB2 CEE Concurrent Users SW Maintenance Annual Renewal	E02K4LL
DB2 CEE Concurrent Users SW Maintenance Reinstatement 12 Months	D58FHLL
DB2 CEE for LIN on Sys z 25 Auth Us SW Maintenance Reinstatement 12 Months	D58HCLL
DB2 CEE for Linux on Sys z 25 Cnc Us SW Maintenance Reinstatement 12 Months	D58FNLL
DB2 CEE for Linux on System z 25 Auth Us Lic and SW Maint 12 Mo	D58H9LL
DB2 CEE for Linux on System z 25 Cnc Us License and SW Maintenance 12 Months	D58FMLL
DB2 CEE for Linux on System z 25 Cnc Us SW Maintenance Annual Renewal	E02K7LL

##### DB2 Connect Personal Edition

Part description	Part number
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IBM DB2 Connect Personal Edition DB2 CPE Client Devices License and SW Maintenance 12 Months	D58FELL
DB2 CPE Client Devices SW Maintenance Annual Renewal	E02K3LL
DB2 CPE Client Devices SW Maintenance Reinstatement 12 Months	D58FFLL

#### DB2 Connect Unlimited Edition for System i

Part description	Part number
IBM DB2 Connect Unlimited Edition for System i DB2 Connect Unlimited Ed for System i Value Unit Annual SW Maint Rnwl	E02JDLL
DB2 Connect Unlimited Ed for System i Value Unit Lic and SW Maint 12 Mo	D58B8LL
DB2 Connect Unlimited Ed for System i Value Unit SW Maint Reinstatement 12 Mo	D58B9LL

#### DB2 Connect Unlimited Edition for System z

Part description	Part number
IBM DB2 Connect Unlimited Edition for System z DB2 CUE Host Server License and SW Maintenance 12 Months	D5AR6LL
DB2 CUE Host Server SW Maintenance Annual Renewal	E1AR9LL
DB2 CUE Host Server SW Maintenance Reinstatement 12 Months	D5ARALL
DB2 CUE MSU -- Million Service Units License and SW Maintenance 12 Months	D5AQPLL
DB2 CUE MSU -- Million Service Units SW Maintenance Annual Renewal	E1AQ5LL
DB2 CUE MSU -- Million Service Units SW Maintenance Reinstatement 12 Months	D5AQ7LL
DB2 CUE for Lin on Sys z Host Server License and SW Maintenance 12 Months	D50MQLL
DB2 CUE for Lin on Sys z Host Server SW Maintenance Reinstatement 12 Months	D50MVLL
DB2 CUE for Linux on Sys z Host Server SW Maintenance Annual Renewal	E005DLL
DB2 CUE for Linux on System z MSU License and SW Maintenance 12 Months	D50NOLL
DB2 CUE for Linux on System z MSU SW Maintenance Annual Renewal	E005FLL
DB2 CUE for Linux on System z MSU SW Maintenance Reinstatement 12 Months	D50N4LL

#### Passport Advantage supply

Program name/description	Part number
DB2 CEE V9.5.0	
DB2 CEE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Enterprise,	BB0RBML
DB2 CUE for System i V9.5.0	
DB2 CUE for Linux for System i Integrated Mid-Market Business Serv	BB0R7ML
DB2 Connect App Server V9.5.0	
DB2 Connect App Server Windows Vista Business, Sun Solaris/SPARC, Windows Vi	BB0R8ML
DB2 Connect PE V9.5.0	
DB2 Connect PE Windows Vista Business, Windows Vista Enterprise, Windows Ser	BB0RAML
DB2 Connect UE V9.5.0	
DB2 Connect UE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Ente	BB0R9ML

## 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 Connect PE V9.5.0

Entitled maintenance offerings description	Media packs description	Part number
DB2 Connect Personal Edition per Client Device	DB2 Connect PE Windows Vista Business, Windows Vista Enterprise, Windows Ser	BBORAML

### DB2 Connect UE V9.5.0

Entitled maintenance offerings description	Media packs description	Part number
DB2 Conn Unlim Edition MSU	DB2 Connect UE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Ente	BBOR9ML
DB2 Connect Unlimtd ED 1 Host Servr	DB2 Connect UE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Ente	BBOR9ML
DB2 Connect Unlimited Edition Linux on System z Host Svr	DB2 Connect UE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Ente	BBOR9ML
DB2 Connect Unlimited Edition Linux on System z MSU	DB2 Connect UE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Ente	BBOR9ML

### DB2 Connect App Server V9.5.0

Entitled maintenance offerings description	Media packs description	Part number
DB2 Connect Application Server Edition Linux on System z Value Unit	DB2 Connect App Server Windows Vista Business, Sun Solaris/SPARC, Windows Vista	BBOR8ML
DB2 Connect Application Svr Value Unit	DB2 Connect App Server Windows Vista Business, Sun Solaris/SPARC, Windows Vista	BBOR8ML

### DB2 CEE V9.5.0

Entitled maintenance offerings description	Media packs description	Part number
IBM DB2 Connect Enterprise Ed 25 Cnc Users for Linux on z	DB2 CEE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Enterprise,	BBORBML
IBM DB2 Connect Enterprise Ed per 25 Auth Us for Linux on z	DB2 CEE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Enterprise,	BBORBML
IBM DB2 Connect Enterprise Edition per 25 Authorized Users	DB2 CEE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Enterprise,	BBORBML
IBM DB2 Connect Enterprise Edition per 25 Concurrent Users	DB2 CEE Windows Vista Business, Sun Solaris/SPARC, Windows Vista Enterprise,	BBORBML

### DB2 CUE for System i V9.5.0

Entitled maintenance offerings description	Media packs description	Part number
DB2 Connect Unlimited Ed for System i per	DB2 CUE Linux for System i Integrated	BBOR7ML

## 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.

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

### License Information form numbers

Program name	Program number	Form number
DB2 Connect Application Server Edition	5724- D54	L- SVAY- 74HQAB
DB2 Connect Enterprise Edition	5765- F30	L- SVAY- 74HQAC
DB2 Connect Personal Edition	5724- B56	L- SVAY- 73GTVP
DB2 Connect Unlimited Edition for System i	5724- M15	L- SVAY- 74HQAA
DB2 Connect Unlimited Edition for System z	5724- B62	L- SVAY- 74HQA9

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

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

### Limited warranty applies: Yes

**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. Consult the IBM Software Support Guide for further information at

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

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

**Program technical support:** Technical support of a program product will be available for a minimum of three years from the general availability date, as long as your Software Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates, releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

**Money-back guarantee:** 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 programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

**Authorization for use on home/portable computer:** The program may be stored on the primary machine and another machine, provided that the program is not in active use on both machines at the same time. You may not copy and use this program on another computer without paying additional license fees.

Product name

DB2 Connect Application Server Edition	Yes
DB2 Connect Enterprise Edition	Yes
DB2 Connect Personal Edition	Yes
DB2 Connect Unlimited Edition for System i	Yes
DB2 Connect Unlimited Edition for System z	Yes

**Usage restriction:** Yes

If you are connecting to a DB2 for z/OS, DB2 for i5/OS™, or DB2 for VSE and VM server with the IBM Data Server Driver for JDBC and SQLJ, including the JDBC Type 4 driver, you must have the appropriate DB2 Connect license.

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### International Passport Agreement

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**Volume orders (IVO):** No

**System i Software Maintenance applies:** No

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