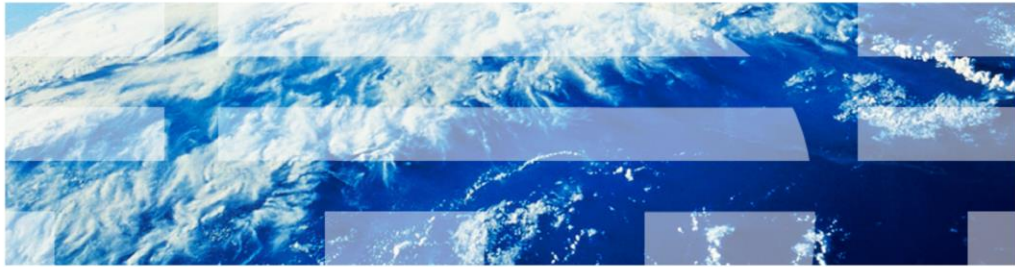


DB2 Linux, UNIX and Windows

Installation on Windows - Overview



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This presentation describes various installation methods of DB2® LUW version 9.1, 9.5, 9.7 and version 10.1 on a Windows operating system. The screen captures displayed in this presentation are screen captures of DB2 LUW version 9.7.

Objectives

- List supported DB2 products on Windows
- Where to go to download DB2 products
- Introduction to installing DB2 products on Windows operating system

In this module, you will learn about common DB2 products supported on Windows, where to go to download DB2 products, and an introduction to installing DB2 products on a Windows operating system.

DB2 products supported on Windows

- DB2 Server products
 - DB2 Advanced Enterprise Server Edition
 - DB2 Enterprise Server Edition
 - DB2 Workgroup Server Edition
 - DB2 Personal Edition
 - DB2 Express® Edition
 - DB2 Connect™ Server Edition
- IBM Data Server clients
 - IBM Data Server Client
 - IBM Data server Runtime Client
 - DB2 Connect Personal Edition
 - DB2 Data Server Driver Package
 - Stand-alone drivers
- DB2 Add-on product
 - IBM Database Add-ons for Visual Studio

A DB2 database system consists of a DB2 server and IBM data server clients. A DB2 server is a relational database management system that delivers data to its IBM data server clients. If you plan to use a database that resides on this computer, install a DB2 server.

An IBM data server client is an application that allows you to run commands and SQL statements against a DB2 server, connect to a remote DB2 server, and access its databases.

DB2 Advanced Enterprise Server Edition, DB2 Enterprise Server Edition, DB2 Workgroup Server Edition and DB2 Personal Edition are DB2 server products that are available for Windows. The DB2 Express® Edition and the DB2 Connect™ Server Edition are DB2 server products and are also available for Windows.

IBM Data Server Client, IBM Data server Runtime Client, and DB2 Connect Personal Edition are the client products available for Windows.

DB2 Data Server Driver Package, and stand-alone drivers are also client products available for Windows.

The IBM Database Add-ons for Visual Studio are provided with both DB2 server and DB2 client products.

Download DB2 product

- DB2 product images can be downloaded
 - IBM Passport Advantage® website
http://www.ibm.com/software/howtobuy/passportadvantage/pao_customers.htm
 - Fix pack download website -> Server Fix Pack (contains both Base + fix)
<http://www-01.ibm.com/support/docview.wss?rs=71&uid=swg21321001>

The IBM Passport Advantage website houses DB2 installation images and permanent licenses for entitled clients. The URL to the website is displayed on this slide.

DB2 product can be downloaded as a server fix pack from the DB2 Fix Pack download website also. The URL to the website is also displayed on this slide.

The Server Fix Pack includes the base product and the fix code, hence, it is a full install. It includes only the trial license. The permanent license for DB2 can be downloaded from the IBM Passport Advantage website only.

DB2 products - Fix Central (1 of 6)

- DB2 installation images available

- <http://www-01.ibm.com/support/docview.wss?uid=swg27007053>

Use this page to download a DB2 fix pack for the installed DB2 product you have. DB2 Fix Pack images are delivered from Fix Central. Fix Packs are cumulative. Included are links for DB2 Universal Fix Pack, DB2 Server Fix Pack, DB2 Connect, Net Search Extender, Spatial Extender, Query Patroller, DB2 Client, DB2 Run-Time Client, DB2 Wrappers, and all drivers (ODBC, CLI, JDBC, .NET). Click on the fix pack to view it.

DB2 Fix Packs:						
DB2 10.5	DB2 10.1	DB2 9.8	DB2 9.7	DB2 9.5	DB2 9.1	DB2 8.2
GA	Fix_Pack_2 Fix_Pack_1 GA	Fix_Pack_5 Fix_Pack_4 Fix_Pack_3	Fix_Pack_8 Fix_Pack_7 Fix_Pack_6 Fix_Pack_5 Fix_Pack_4 Fix_Pack_3a Fix_Pack_3 Fix_Pack_2 Fix_Pack_1 GA	Fix_Pack_10 Fix_Pack_9 Fix_Pack_8 Fix_Pack_7 Fix_Pack_6a Fix_Pack_5 Fix_Pack_4a Fix_Pack_4 Fix_Pack_3b Fix_Pack_3a Fix_Pack_3 Fix_Pack_2a Fix_Pack_2 Fix_Pack_1 GA	Fix_Pack_12 Fix_Pack_11 Fix_Pack_10 Fix_Pack_9 Fix_Pack_8 Fix_Pack_7a Fix_Pack_7 Fix_Pack_6a Fix_Pack_5 Fix_Pack_4a Fix_Pack_4 Fix_Pack_3a Fix_Pack_3 Fix_Pack_2a Fix_Pack_2 Fix_Pack_1	Fix_Pack_18 Fix_Pack_17a Fix_Pack_17 Fix_Pack_16 Fix_Pack_15 Fix_Pack_14 Fix_Pack_13 Fix_Pack_12 Fix_Pack_11 Fix_Pack_10 Fix_Pack_9a Fix_Pack_8a Fix_Pack_8 Fix_Pack_7

The DB2 LUW installation images can be downloaded from IBM Fix Central. Choose the appropriate DB2 version and fix pack and click the link.

DB2 products - Fix Central (2 of 6)

DB2 Version 9.7 Fix Pack 8 for Linux, UNIX, and Windows

Downloadable files

Abstract

Contains links to download DB2® 9.7 Fix Pack 8, servers, extenders, clients and drivers from Fix Central for AIX, HP-UX, Linux, Solaris, and Windows operating systems.

Download Description

Signature: 9.7.0.8	Build level: a130316	Release Date: 29.March.2013
--------------------	----------------------	-----------------------------

[Fix Pack Summary of changes](#)
[HIPER and Security APARs](#)
[DB2 9.7 APAR Fix List](#)
[Release Notes](#)

Download fix pack images per operating system

- ▶ AIX 64-bit, on pSeries
- ▶ HP-UX 64-bit, Itanium® based HP Integrity Series
- ▶ Linux 32-bit, x86-32 on AMD and Intel®
- ▶ Linux 64-bit, x86-64 on AMD64 and Intel EM64T
- ▶ Linux 64-bit, POWER™ (PowerPC®, iSeries®, pSeries®)
- ▶ Linux 64-bit, System z®, System z9® or zSeries®
- ▶ Solaris 64-bit, SPARC, on UltraSPARC or SPARC64
- ▶ Solaris 64-bit, x86-64, on Intel® 64 or AMD64
- ▶ Windows 32-bit, x86, on Intel® or AMD
- ▶ Windows 64-bit, x86, on AMD64 and Intel® EM64T

Choose the operating system of the server where you want to install by clicking the triangle near the operating system.

DB2 products - Fix Central (3 of 6)

▼ Windows 32-bit, x86, on Intel® or AMD

Windows 32-bit
(9.7.800.717 Windows 32-bit, x86)
PTF IP23427

Download FP8 for Windows 32-bit from Fix Central. {nt32}

- 🔗 [View all of the Fix Pack 8, DB2 fix packs for Windows 32-bit {nt32} in Fix Central](#)
- 🔗 [View all of the Fix Pack 8, Clients & Driver fix packs for Windows 32-bit {nt32} in Fix Central](#)

🔗 [Fix Pack description information.](#)

Servers

- 🔗 [DB2 Universal Fix Pack](#)
- 🔗 [DB2 Server Fix Pack](#)
- 🔗 [DB2 Connect Personal Edition](#)

Query Patroller

- 🔗 [DB2 Query Patroller](#)

Extenders

- 🔗 [DB2 Net Search Extender](#)
- 🔗 [DB2 Spatial Extender](#)

Clients

- 🔗 [IBM Data Server Client](#)
- 🔗 [IBM Data Server Runtime Client](#)
- 🔗 [IBM Data Server Runtime Client Merge Modules](#)

Drivers

- 🔗 [IBM Data Server Driver Package](#)
- 🔗 [IBM Data Server Driver Merge Modules](#)
- 🔗 [IBM Data Server Driver for ODBC and CLI \(32-bit\)](#)
- 🔗 [IBM Data Server Driver for JDBC and SQLJ](#)

Visual Studio Add-In

- 🔗 [IBM Database Add-Ins for Visual Studio](#)

Wrappers

- 🔗 [Relational Wrappers](#)
- 🔗 [Non-Relational Wrappers](#)

Once you click the triangle, all the available DB2 products for that operating system are listed. In the screen capture displayed on this slide, DB2 products for Windows 32 bit are listed. Once you click the product name, you will be redirected to the Fix Central website.

DB2 products - Fix Central (4 of 6)

← IBM Support Portal

Fix Central

Inventory upload

Supported products

Enhancements

Help

Feedback

→ Go to Fix Central mobile

Download options

Information Management, DB2 (9.7.1, Windows 32-bit, x86)

Select download options

Select the download method to be used to download fixes.

Download using Download Director (requires Java enabled browser) [What is this?](#)

Download using your browser (HTTP)

Preferred language for downloaded files:
(If selected language is not available, a default language will be displayed.)

US English

CAUTION: Do not assume that Fix Central will show you all the prerequisites you need. Be sure to always click the **More information** link for additional prerequisite and other important fix information. Click [here](#) for an explanation of what prerequisites you can expect Fix Central to provide.

Include prerequisites and co-requisite fixes (you can select the ones you need later)

After signing in with your IBM ID, options are provided to download using the Download Director or HTTP. Choose your preferred method to download and save the image to the server.

Download files using HTTP

Information Management, DB2 (9.7.*, Windows 32-bit, x86)

Download files using your web browser

Click the download link next to each file to download it.

Order number: 93073938

Total size: 568.41 MB

fix pack: **DB2-nt32-server-9.7.800.717-FP008**

[More Information](#)

DB2 9.7 Fix Pack 8 for Windows/x86-32 (32 bit), DB2 Server Fix Pack

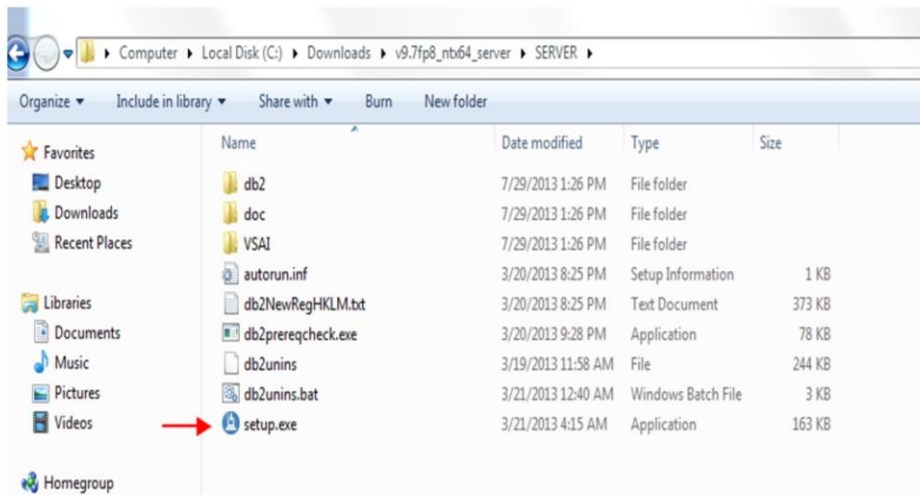
The following files implement this fix.

[v9.7fp8_nt32_server.exe \(568.41 MB\)](#)

Back

The screen capture on this slide has DB2 version 9.7, fix pack 8 chosen to download using HTTP is displayed.

DB2 products - Fix Central (6 of 6)



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Installation on Windows - Overview

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Once you download the product, unpack it to a directory locally on the server. Setup.exe is required for a GUI installation of DB2 and it is located under the unpacked directory.

DB2 installation

- Background processes
 - Installation of DB2 files to their correct paths
 - Creation of DB2 shortcuts, registry keys, services during install
 - Configuration of DB2 product with system

While installing DB2, major background processes that take place include, installation of DB2 files to their correct paths, creation of DB2 shortcuts, registry keys, and services.

Configure the DB2 product with the system correctly, so that you can run DB2 immediately after the installation is completed. This includes creating a DB2 instance, creating DB2 an administrative server, setting up DB2 and .NET environment, and enabling DB2 Extended Security.

DB2 installation

- Components of DB2 installation
 - Windows Installer
 - DB2 Installer

DB2 installation on Windows includes two components, the first one is the Windows Installer and the second one is the DB2 Installer.

Windows Installer is used as the installation engine on Windows platforms to install DB2. It is responsible to install the DB2 files, create shortcuts, and create DB2 registry keys.

DB2 Installer performs the configuration tasks such as creating the DB2 instance, configuring the DB2 instance and setting up the DB2 environment.

Types of DB2 installations

- New installation
- Refresh/Modify/Repair installation
- Fix pack upgrade installation
- Migration installation

Displayed on this slide are the different types of DB2 installations on Windows that are discussed in detail in other modules.

The New installation module explains how to install DB2 on a new location as a new DB2 copy. Multiple copies are supported since DB2 version 9.1. When the same products are installed in two different copies, their product codes are different. They are considered as “two different products” to the system.

The Refresh/Modify/Repair installation module explains how to add or remove DB2 components or repair corrupted or missing components in an existing DB2 installation.

The Fix pack upgrade installation module explains how to upgrade an existing DB2 installation from a lower fix pack level to a higher fix pack level. For example, upgrading from DB2 version 9.7 fix pack 2 to DB2 version 9.7 fix pack 8.

The Migration installation module explains how to upgrade an existing DB2 installation to a higher DB2 version. Both the DB2 product and the DB2 instances are migrated during the install. For example, migrating DB2 version 9.5 to DB2 version 9.7.

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