Information Management software

IBM® Balanced Warehouse™ C-Class

An out of the box, all in one appliance solution for your data warehousing needs.

The C-Class solutions combine everything you need to gain insight on your existing data and leverage knowledge which will help you make better business decisions.

Deliver the right information to the right people at the right time to help enhance productivity.

Use integrated views of company-wide historical data to optimize business processes.

Provide an integrated hardware and software solution with a highly automated software deployment kit for you data warehousing needs.

Available in competitively priced configurations that are sized for a wide range of needs.

Succeed and grow with an IBM Balanced Warehouse

IBM DB2 Warehouse software is based on years of experience and best practices gained in developing and implementing data warehouses in IT environments. By leveraging the capabilities in DB2 Warehouse 9.5, IBM Balanced Warehouse provides a complete data warehousing solution for your business in a pretested, scalable and fully-integrated software and hardware environment.

The IBM Balanced Warehouse C-Class solutions are perfect for small & medium business (SMB) customers who are interested in taking control of their data to steer their company toward success.

Interpret your data

The IBM Balanced Warehouse C-Class data warehousing solution provides a repository of your company's historical data and allows for analysis of such data without impacting your business systems. The complete data warehousing solution includes IBM DB2 Warehouse software and IBM hardware in a pre-integrated, pretested configuration that is easy to deploy and maintain.

Make informed decisions

The C-Class solution delivers an up to the moment, single view of company-wide data without overstretching your IT team or bank account. DB2 Warehouse can help decision makers capitalize on an organization-wide view of the information. You can navigate and find hidden relationships in your data to spark innovative ideas and see new business opportunities.

Streamlined and efficient

The C-Class solutions have been pre-configured and pretested with hardware and software optimized to work together. And with a clear, defined upgrade path for future expansion, the C-Class solutions can grow along with your business.

IBM Balanced Warehouse C-Class Software Stack

† Nagios is available on Linux only.
* C4000 (which packages DB2 Warehouse Enterprise Base Edition) is currently available on Linux only.

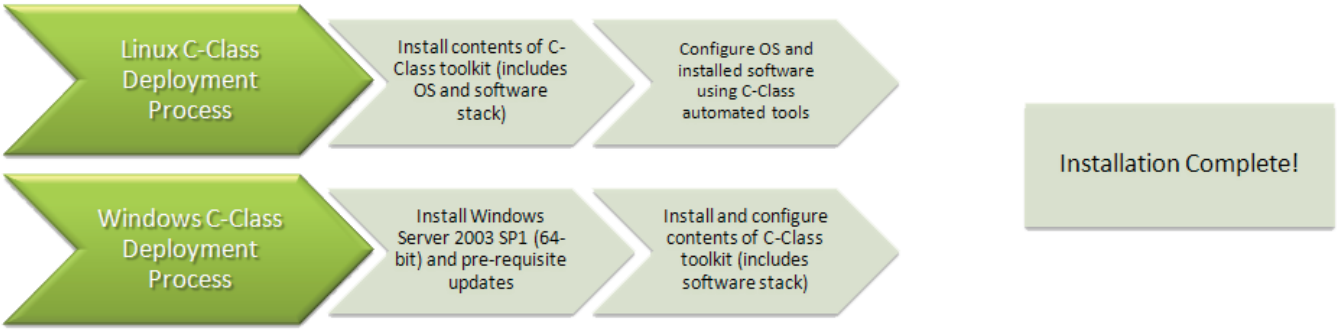
IBM Balanced Warehouse C-Class Software Deployment

Deployment of the IBM Balanced Warehouse C-Class software is easy. Business partners will receive an IBM Balanced Warehouse C-Class Partner Toolkit which contains the software required for either Linux or Windows.

In Linux, the deployment process couldn't be easier. The partner toolkit will take care of all software installation requirements, including the operating system, with its integrated installer.

For Windows, deploying the C-Class software is as easy as pointing and clicking. The partner toolkit will guide you through the deployment of the IBM Balanced Warehouse C-Class software.

Below you will find the deployment process of an IBM Balanced Warehouse C-Class for Linux and Windows:



DB2 Software in IBM Balanced Warehouse C-Class

IBM DB2 Warehouse 9.5

DB2 9.5 is the engine that powers the DB2 Warehouse software. DB2 9.5 brings features that will reduce the cost of ownership of your warehouse environment and provide improved availability, performance and regulatory compliance capabilities. With its massively scalable, shared-nothing, distributed architecture, DB2 9.5 provides high performance for mixed workload query processing against both relational and native XML data (native XML capability provided by the optional pureXML™ feature). Advanced features such as data partitioning, storage optimization features, multidimensional clustering and materialized query tables (MQTs) make DB2 9.5 a powerful engine to drive the Dynamic Warehousing™ vision from IBM.

Enhanced backup facilities, simplified and automated tuning capabilities, and faster data redistribution provide lower cost of database administration. Enhanced deep compression found in the Storage Optimization feature can dramatically reduce the amount of storage required and offer significant savings. Please see the feature matrix below for further details.

DB2 Warehouse Design Studio is an Eclipse-based development environment for business intelligence solutions found on all editions of DB2 Warehouse. The Design Studio integrates physical data modeling, DB2 SQL-based warehouse construction, OLAP cube modeling and data mining modeling in a single unified graphical environment. It includes modeling and design tools enabling you to design, model, and reverse engineer physical database schemas. Modeling features include validation, compliance analysis, impact analysis, and change management.

The DB2 Warehouse Administration Console is a Web-based application for managing and monitoring business intelligence (BI) applications. Installed with the WebSphere Application Server, the DB2 Warehouse Administration Console uses Web clients to access and deploy data warehouse applications modeled and designed in DB2 Warehouse.

To see differences between IBM Balanced Warehouse C-Class solutions, please refer to the table below:

IBM Balanced Warehouse Solution Comparison

IBM Balanced Warehouse C-Class Solution	C1000	C3000	C4000
DB2 Warehouse Edition	DB2 Warehouse Starter Edition	DB2 Warehouse Intermediate Edition	DB2 Warehouse Enterprise Base Edition
Licence Limitations	200 PVU** / 4 GB memory	400 PVU** / 32 GB memory	Unlimited
Platform Support	Linux, Windows		Linux
DB2	Yes		
SQL Warehousing Tool	Yes		
DB2 Warehouse Admin Console	Yes		
DB2 Warehouse Design Studio	Yes		
Cubing Services & MQT	Yes		
DB2 Range Partitioning & MDC	Yes		
Query Patroller & Workload Mgmt	No		Performance Optimization Feature (Optional)
Performance Expert			
Compression: Table, Backup	No		Storage Optimization Feature (Optional)
Alphablox	Alphablox (Optional)		
Alphablox connectors			
Trade-ups Available	DB2 Warehouse Intermediate Edition	DB2 Warehouse Advanced Edition DB2 Warehouse Enterprise Base Edition	DB2 Warehouse Enterprise Edition

* A Processor Value Unit (PVU) is a unit of measure used to differentiate licensing of middleware on distributed processors.
For more information about PVU please visit:
https://www-112.ibm.com/software/howtobuy/passportadvantage/valueunitcalculator/vucalc.wss

IBM Balanced Warehouse C-Class Hardware Configurations

C1000

150 GB - 1000 GB Database Size
50 GB - 350 GB Raw Data Size

C1000 - 150 GB Database
50 GB raw data

Server

IBM System x3500
Dual-Core Intel Xeon processor 5100 series
4 GB memory

Storage

2 x 300 GB 15K SAS hard drive

C1000 - 300 GB Database
100 GB raw data

Server

IBM System x3500
Dual-Core Intel Xeon processor 5100 series
8 GB memory

Storage

3 x 300 GB 15K SAS hard drive

C1000 - 450 GB Database
150 GB raw data

Server

IBM System x3500
2x Dual-Core Intel Xeon processor 5100 series
8 GB memory

Storage

4 x 300 GB 15K SAS hard drive

C1000 - 1000 GB Database
350 GB raw data

Server

IBM System x3500
2x Dual-Core Intel Xeon processor 5100 Series
8 GB memory

Storage

IBM System Storage DS3200
6x 300 GB 15K SAS hard drive

C1000 - 150 GB Database
50 GB raw data

IBM BladeCenter S Chassis

Gigabit Ethernet Switch Module

IBM BladeCenter HS21

Quad-Core Intel Xeon processor 5300 series
8 GB memory

IBM BladeCenter S Storage

BladeCenter SAS Connectivity Module
BladeCenter S 6-Disk Storage Module
2x 300 GB 15K SAS hard drive

C1000 - 300 GB Database
100 GB raw data

IBM BladeCenter S Chassis

Gigabit Ethernet Switch Module

IBM BladeCenter HS21

Quad-Core Intel Xeon processor 5300 series
8 GB memory

IBM BladeCenter S Storage

BladeCenter SAS Connectivity Module
BladeCenter S 6-Disk Storage Module
3x 300 GB 15K SAS hard drive

C1000 - 450 GB Database
150 GB raw data

IBM BladeCenter S Chassis

Gigabit Ethernet Switch Module

IBM BladeCenter HS21

Quad-Core Intel Xeon processor 5300 series
8 GB memory

IBM BladeCenter S Storage

BladeCenter SAS Connectivity Module
BladeCenter S 6-Disk Storage Module
4x 300 GB 15K SAS hard drive

C1000 - 750 GB Database
250 GB raw data

IBM BladeCenter S Chassis

Gigabit Ethernet Switch Module

IBM BladeCenter HS21

Quad-Core Intel Xeon processor 5300 series
8 GB memory

IBM BladeCenter S Storage

BladeCenter SAS Connectivity Module
BladeCenter S 6-Disk Storage Module
6x 300 GB 15K SAS hard drive

IBM Balanced Warehouse C-Class Hardware Configurations

C3000

1.5 TB - 3.0 TB Database Size
500 GB - 1000 GB Raw Data Size

C3000 - 1500 GB Database
500 GB raw data

IBM BladeCenter S Chassis

Gigabit Ethernet Switch Module

IBM BladeCenter HS21

Quad-Core Intel Xeon processor 5300 series
8 GB memory

IBM BladeCenter S Storage

BladeCenter SAS Connectivity Module
2x BladeCenter S 6-Disk Storage Module
12x 300 GB 15K SAS hard drive

C3000 - 1500 GB Database
500 GB raw data

Server

IBM System x3650
Quad-Core Intel Xeon processor 5300 series
8 GB memory

Storage

IBM System Storage DS3200
12x 300 GB 15K SAS hard drive

C3000 - 2250 GB Database
750 GB raw data

Server

IBM System x3650
2x Quad-Core Intel Xeon processor 5300 series
12 GB memory

Storage

2x IBM System Storage DS3200
18x 300 GB 15K SAS hard drive

C3000 - 3000 GB Database
1000 GB raw data

Server

IBM System x3650
2x Quad-Core Intel Xeon processor 5300 series
16 GB memory

Storage

2x IBM System Storage DS3200
24x 300 GB 15K SAS hard drive

C4000

3.0 TB - 8.0 TB Database Size
1000 GB - 4000 GB Raw Data Size

C4000 - 3.0 TB Database
1000 GB raw data

Server

IBM System x3950 M2
2x Quad-Core Intel Xeon processor 7300 series
16 GB memory

Storage

2x IBM System Storage DS3200
24x 300 GB 15K SAS hard drive

C4000 - 4.0 TB Database
2000 GB raw data

Server

IBM System x3950 M2
4x Quad-Core Intel Xeon processor 7300 series
32 GB memory

Storage

2x IBM System Storage DS3200
2x IBM System Storage EXP3000
48x 300 GB 15K SAS hard drive

C4000 - 8.0 TB Database
4000 GB raw data

Server

IBM System x3950 M2
4x Quad-Core Intel Xeon processor 7300 series
64 GB memory

Storage

4x IBM System Storage DS3200
4x IBM System Storage EXP3000
96x 300 GB 15K SAS hard drive

Clear decisions, lower costs and get faster results

Deploying a traditional data warehouse can be a complex, time consuming, and error-prone project that involves months of planning and weeks of implementation. With the highly integrated and pre-configured IBM Balanced Warehouse C-Class solutions, deployment of data warehouses cannot be easier, faster, and more error-free.

IBM Business Partners can deploy a C-Class solution very quickly by using the highly automated IBM Balanced Warehouse C-Class Partner Toolkit. Once deployed, the C-Class solutions are easy to use and can start adding value to the business right away, reducing time-to-value for the customers significantly. Furthermore, IBM Balanced Warehouse C-Class solutions are competitively priced, with scalable sizings for hardware and software that are just right for your business needs.

Rest assured, IBM Balanced Warehouse is the clear choice when considering a new data warehousing project or replacing existing data warehouses to gain insight into your data.

Why Choose an IBM Balanced Warehouse Solution?

IBM Balanced Warehouse solutions are based on years of experience and best practices in business intelligence, data warehousing and solution deployments in enterprise environments. By combining essential components into a pre-integrated and pretested solution, IBM provides you with a way to quickly and cost-effectively implement a powerful and scalable data warehouse to help you drive improved business performance.

Your next move ...

In North America, contact us at **877-426-3774** today with priority code: **104CBW60**.
For other regions, contact your local IBM Business Partner or IBM representative.

You can always learn more about the IBM Balanced Warehouse C-Class offerings, by visiting:

ibm.com/software/data/db2bi/balanced-warehouse/c-class.html

Visit the DB2 Warehouse & Business Intellegence webpage:

ibm.com/db2/warehouse
ibm.com/software/bi

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Markham, ON
L6G 1C7
Canada
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