

IBM Db2 Warehouse for Linux on System z: IBM Db2 Warehouse V2.0 leverages flexible LinuxOne architecture to increase deployment of new analytics services and improve control of data and applications

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At a glance

IBM^(R) Db2^(R) Warehouse helps rapidly deploy new analytics services, maintain tighter control of the data and applications to meet service level agreements, and quickly adapt to different types of workloads with Db2 Warehouse for Linux^(R) on System z^(R). It offers the following benefits:

- Open: Leverage the power of an open data platform.
- Flexible: Easily deploy the right workload to fit the right need.
- Fast: Realize business outcomes in weeks instead of months.
- Simple: Lower the cost model of analytics.

Overview

As the newest edition to the IBM Db2 Warehouse family, Db2 Warehouse for Linux on System z rounds out the IBM hybrid data warehouse strategy, providing organizations with the most flexible architecture needed to lower the cost model of analytics in the dynamic world of big data and the cloud.

Db2 Warehouse for Linux on System z uses a common SQL engine, with different deployment options across private and public clouds to enable organizations to move and optimize analytics workloads with ease. Db2 Warehouse is now an option when you prefer deployment on a hosted private cloud or on-premises private cloud through a software-defined infrastructure.

From an IT standpoint, Db2 Warehouse simplifies deployment and management through container technology, with elastic scaling and easy maintenance. From a user standpoint, Db2 Warehouse provides the speed required to quickly cycle through the process of data acquisition, applies the right analytics to meet a specific use case, and operationalizes the insights.

Organizations are also able to leverage existing data warehouse investments through a hybrid data warehouse architecture centered around Db2 Warehouse. Complexities in moving application workloads across the ground and the cloud are removed, as Db2 Warehouse is highly compatible with Pure Data System for Analytics/Netezza^(R) and Oracle. In addition, Db2 Warehouse leverages Common SQL engine which is part of Db2 Warehouse as a fully managed service on the cloud as

well. This enables you to move workloads across these options without application change.

As data volumes and the number of analytics requests grow, a traditional data warehouse can have difficulty supporting all of the heavy analytics and functions required in higher volume processing. To meet new analytics requirements, IT organizations can turn to a hybrid architecture. This solution provides opportunity to help lead business transformation by delivering a flexible environment that parallels how the business really wants to operate. Hybrid data warehouse primes IT to prove its strategic value to the business by quickly deploying the right workload to fit the right analytics need:

- Offers high-performance high performance analytic services to successfully meet time-sensitive business initiatives
- Manages escalating costs through a software-defined architecture
- Enables cloud-like agility for workloads that cannot run on a public cloud

Key prerequisites

See the [Software requirements](#) section.

Planned availability date

November 10, 2017

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT), containing details about accessibility compliance, can be found on the [IBM Accessibility](#) website.

Program number

Program number	VRM	Program name
5725-Z65	2.0.0	IBM Db2 Warehouse

Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage^{\(R\)}](#) and [Passport Advantage Express^{\(R\)}](#) website.

Publications

Documentation for can be found in [IBM Knowledge Center](#).

Services

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Technical information

Specified operating environment

Software requirements

See requirements in [IBM Knowledge Center](#).

IBM Db2 Warehouse is optimized for fast deployment into private or virtual private clouds through Docker container. Docker Engine must be installed prior to running Db2 Warehouse.

For Docker Engine installation and documentation, go to the [Install Docker Engine](#) website.

Planning information

Packaging

This offering is delivered through the internet as an electronic download. There is no physical media.

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Ordering information

For ordering information, consult your IBM representative or go to the [Passport Advantage](#) website.

Product: IBM Db2 Warehouse (5725-Z65)

Passport Advantage

Program name/Description	Part number
IBM Db2 Warehouse Per Virtual Processor Core Z Linux License + SW Subscription & Support 12 Months	D1UT9LL
IBM Db2 Warehouse Per Virtual Processor Core Z Linux SW Subscription & Support Reinstatement 12 Months	D1UTALL
IBM Db2 Warehouse Per Virtual Processor Core Z Linux Monthly License	D1UTILL
IBM Db2 Warehouse Per Virtual Processor Core Z Linux Annual SW Subscription & Support Renewal 12 Months	E0NTFLL

Charge metric

Program name	Part number or PID number	Charge metric
IBM Db2 Warehouse	5725-Z65	Virtual Processor Core

Virtual Processor Core

Virtual Processor Core is a unit of measure by which the Program can be licensed. A Physical Server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures,

commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate Physical Server. A Virtual Server is either a virtual computer created by partitioning the resources available to a Physical Server or an unpartitioned Physical Server. A Processor Core (commonly called a processor or CPU) 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. A Virtual Processor Core is a Processor Core in an unpartitioned Physical Server, or a virtual core assigned to a Virtual Server. Licensee must obtain entitlement for each Virtual Processor Core made available to the Program.

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License Information number

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Yes

Limited warranty

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Volume orders (IVO)

No

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Software Subscription and Support applies

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For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, go to the [Passport Advantage and Passport Advantage Express](#) website.

Variable charges apply

No

Educational allowance available

Education allowance does not apply. Education software allowance does not apply. Special education prices are available for qualified customers through Passport Advantage.

Statement of good security practices

IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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Prices

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Passport Advantage

For Passport Advantage information and charges, contact your IBM representative. Additional information is also available on the [Passport Advantage and Passport Advantage Express](#) website.

Announcement countries

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