IBM DB2 on Cloud V1.0 offers the rich features of an on-premises DB2 deployment without the cost and complexity of managing your own infrastructure

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At a glance

IBM^(R) DB2^(R) on Cloud provides the following OLTP capabilities:

- Accelerated and simplified deployment. Takes advantage of IBM DB2 without the need for an on-premises infrastructure.
- Native encryption to ensure control of data. Leverage the benefits of infrastructure as a service with the confidence of knowing your data is encrypted in flight, while in use, and at rest.
- Optimized performance and enhanced security. Experience speed and reliability with a private virtual machine or dedicated bare-metal.
- A solution sized to meet your business demands. Keep infrastructure costs in line with the changing needs of the business with four preconfigured sizes.
- Ability to migrate on-premises Oracle databases to DB2 in the cloud, providing SQL compatibility support for Oracle Database applications.

Overview

DB2 on Cloud provides a database as a service on your choice of either IBM SoftLayer^(R) global cloud infrastructure or Amazon Web Services. It offers the rich features of an on-premises DB2 deployment without the cost, complexity, and risk of managing your own infrastructure. Based on DB2 software, DB2 on Cloud can support multiple database instances that can either be configured as analytic warehouses or optimized for online transaction processing applications.

While DB2 on Cloud is configured to support creating and managing databases for online transaction processing applications, it gives you the flexibility to create your own instances for analytic or mixed workloads. Use of this offering can reduce the time required to provision and deploy DB2 so that more resources can be devoted to developing new solutions and innovation.

dashDB^{TM} Entry and Enterprise Transactional plans both provide a dedicated instance of a managed transactional databases for the IBM Bluemix^(R) application development environments. The entry plan provides solid performance on virtual private nodes at an affordable price point. The enterprise plan provides robust performance on bare metal nodes for more demanding application workloads. Both plans offer differentiated capabilities when compared with competitive offerings.

Key features and benefits

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As a hosted offering, DB2 on Cloud gives you the same control over your data in the Cloud as the IBM on-premises DB2 system:

- Accelerates and simplifies deployment. Take advantage of DB2 without the need for an on-premises infrastructure.
- Provides native encryption with all configurations. You are in control of your data, even when it is not in your building. Use the benefits of infrastructure as a service with the confidence of knowing your data is encrypted in flight, while in use, and at rest.
- Optimizes performance and enhances security. Experience speed and reliability with a private virtual machine or dedicated bare-metal.

As a managed offering, dashDB Transactional provides a DB2 OLTP DBaaS for application development environments:

- Accelerates and simplifies deployment. Take advantage of DB2 without the need for an on-premises infrastructure.
- Provides an IBM-managed DB2 database with encryption at rest and SSL configured, SSAE SOC2 Type 1, ISO 27001, and HIPPA security compliances.
- Data load options including: load from desktop, swift, and S3.
- Includes a console with user management, DB usage, and system usage monitoring.
- Allows connection via CLPPlus, ODBC/CLI, JDBC, .NET, and REST.

Key prerequisites

A terminal with Internet connectivity is required to access the DB2 on Cloud offering. Ongoing administration can be done locally on the hosted system using tools, such as telnet, that allow connection to the database server machine. Alternatively, users can download, install, and run utilities like IBM Data Server Runtime Client or the IBM Data Server Client (not included as part of the service).

A web browser with Internet connectivity is required to access the dashDB Transactional plan offering.

Planned availability date

April 12, 2016

Description

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Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be found on the IBM Product accessibility information website.

Program number

Program number	Program name
5725-W92	IBM DB2 on Cloud
5725-U38	IBM dashDB Enterprise
5725-Y51	IBM Analytics for Apache Spark

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

Technical documentation 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

Hardware requirements

A terminal with Internet connectivity is required to access the DB2 on Cloud and dashDB Transactional offerings.

Software requirements

Ongoing administration for DB2 on Cloud can be done locally on the hosted system using tools, such as telnet, that allow connection to the database server machine.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

This offering is delivered through the Internet. There is no physical media.

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and 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 authorized IBM Business Partner, or go to the http://www.ibm.com/software/support/pa.html website.

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

Product: IBM DB2 Cloud (5725-W92)

Passport Advantage

Program name/Description	Part number
IBM DB2 on Cloud Standard.small.AWS Instance per Month	D1L23LL
IBM DB2 on Cloud Standard.medium.AWS Instance per Month	D1L24LL
IBM DB2 on Cloud Standard.large.AWS Instance per Month	D1L25LL
IBM DB2 on Cloud Standard.xlarge.AWS Instance per Month	D1L26LL
IBM DB2 on Cloud Advanced.small.AWS Instance per Month	D1L27LL
IBM DB2 on Cloud Advanced.medium.AWS Instance per Month	D1L28LL
IBM DB2 on Cloud Advanced.large.AWS Instance per Month	D1L29LL
IBM DB2 on Cloud Advanced.xlarge.AWS Instance per Month	D1L2ALL
IBM DB2 on Cloud Advanced.2xlarge.AWS Instance per Month	D1L2BLL
IBM DB2 on Cloud Jump Start Remotely Delivered Engagement Set Up	D1L8MLL

Program name/Description	Part number
IBM DB2 on Cloud Accelerator Remotely Delivered Engagement Set Up	D1L8PLL

IBM dashDB

Program name/Description	Part number
IBM dashDB Enterprise Transactional 12.128.1400 Instance per Month	D1MPILL
IBM dashDB Entry Transactional 2.8.500 Instance per Month	D1N4GLL

IBM Analytics for Apache Spark

Program name/Description	Part number
IBM Analytics for Apache Spark Reserved Enterprise PA per Instance	D1K5SLL

Charge metric

Program name	PID number	Charge metric
IBM DB2 Cloud	5725-W92	Per Instance

Per Instance

Instance is a unit of measure by which the IBM SaaS can be obtained. An *instance* is access to a specific configuration of the IBM SaaS. Sufficient entitlements must be obtained for each instance of the IBM SaaS made available to access and use during the measurement period specified in Customer's Proof of Entitlement (PoE) or Transaction Document.

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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 Passport Advantage Agreement, the International Passport Advantage Express Agreement, the Cloud Services Agreement and associated Service Descriptions, or the IBM SaaS Terms of Use.

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Refer to additional technical support information in the IBM Software as a Service Terms of Use document for the program.

Terms of Use

The program's *Terms of Use and CSA Service Description* document is available on the Software as a Service terms website.

Limited warranty

If warranted, refer to the warranty as stated in the Terms of Use document or the Cloud Services Agreement for this offering.

Money-back guarantee

No

Volume orders (IVO)

No

Passport Advantage applies

Yes, information is available on the Passport Advantage and Passport Advantage Express website.

Software Subscription and Support applies

No

System i Software Maintenance applies

No

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 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 lawful, 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

For all local charges, contact your IBM representative.

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Passport Advantage

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Announcement countries

All European, Middle Eastern, and African countries except Islamic Republic of Iran, Sudan, and Syrian Arab Republic.

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