



# IBM Workload Deployer Pattern for DB2 Workgroup Server Edition V1.0 enables IT to deploy and manage database infrastructure in a cost-effective manner

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## At a glance

IBM® Workload Deployer Pattern for DB2® Workgroup Server Edition V1.0 enables IT to deploy and manage database infrastructure as service in private cloud by:

- Delivering best practices for repeated, consistent, and secure database deployment
- Automating database deployments with centralized security, deployment, and logging features
- Empowering the application group within IT to provision databases with minimal effort

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Reference: YE001

## Overview

**IBM Workload Deployer Pattern for DB2 Workgroup Server Edition V1.0** is part of workload pattern portfolio available on IBM Workload Deployer. Workload patterns are full stacks of IBM software tailored for a particular purpose and reduce the total cost of ownership for many categories of applications. IBM Workload Deployer Pattern for DB2 Workgroup Server Edition provides a set of capabilities that are central to the provisioning and management of database infrastructure for data-centric applications in a secure, private cloud. Through automation of provisioning database infrastructure, IT can address the demand for new applications for the business rather than being consumed with repetitive tasks of typical database provisioning.

Optimized for the IBM Workload Deployer appliance, IBM Workload Deployer Pattern for DB2 Workgroup Server Edition provides deployment solutions for provisioning databases in the private cloud. IT can reduce operational complexity by enabling self-service features that empower the application group to provision database for their applications. IBM Workload Deployer Pattern for DB2 Workgroup Edition enables IT to cost effectively deploy and manage database infrastructure by:

- Enabling self service for the application group within IT to provision databases simply and securely

- Reducing time required for administering workgroup databases, so more resources can be devoted to developing new solutions and innovation

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## Key prerequisites

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- IBM Workload Deployer V3.0
- IBM Workload Deployer Image for x86 V1.0 running VMware ESX, a supported hypervisor.

For more information about IBM Workload Deployer Image for x86 V1.0, refer to Software Announcement [211-140](#), dated April 05, 2011.

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## Planned availability date

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June 15, 2011: Electronic availability

June 15, 2011: Media availability

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## Description

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IBM Workload Deployer Pattern for DB2 Workgroup Server Edition V1.0 provides a set of capabilities that are central to the provisioning and management of database infrastructure for data-centric applications in a secure, private cloud. Through the simplified interface on the IBM Workload Deployer appliance, IT can prescribe new database deployment patterns with control on database size and schema. The interface establishes operations group users and application group users to support the efficient interchange of database demand and provisioning between these IT groups within a private cloud. Through automation of provisioning database infrastructure, IT can address the demand for new applications for the business rather than being consumed with repetitive tasks of typical database provisioning.

Once IT configures the database pattern in the IBM Workload Deployer appliance, within a few mouse clicks the application group can simply deploy a database with confidence to support these departmental Online Transaction Processing (OLTP) applications. IBM Workload Deployer enables IT to register hardware for the private cloud on which IBM Workload Deployer Pattern for DB2 Workgroup Edition deploys database infrastructure. These deployments are intelligently placed onto the cloud based on resource usage and requirements, and tracked by the IBM Workload Deployer appliance. Upon deployment, the database administrators (DBAs) within operations group have peace of mind that the database is being deployed in a trusted fashion designed to perform well in the private virtual environment. Without additional DBA involvement, the database and operating system are tuned for this private virtual environment. Furthermore, user access for the database and the operating system is secured. The applications group is presented the connection parameters once the database is launched and is available.

IBM Workload Deployer Pattern for DB2 Workgroup Server Edition provides a means to reduce operational costs from applications running on Oracle as it also includes Oracle compatibility support if you wish to move from Oracle to IBM.

IBM Workload Deployer Pattern for DB2 Workgroup Server Edition V1.0 supports application databases departmental OLTP requirements. This approach assists the operation group in supporting the majority of database deployments within an enterprise. While this simplified approach precludes highly customized database requirements, it allows IT to deliver more value to the business with fewer resources without sacrificing quality and consistency for database deployments. Furthermore, deployments using this practice reduce time to value through with increased efficiencies between applications and operations groups.

## Accessibility by people with disabilities

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A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM website

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

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

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IBM Workload Deployer Pattern for DB2 Workgroup Server Edition is capable as of June 15, 2011, 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 on the following website

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

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## Program number

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Program number	VRM	Program name
5725-E00	1.0.0	workload Deployer Pattern for DB2 WSE

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## Offering Information

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Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

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

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## Publications

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No hardcopy publications are shipped with this product.

The IBM Publications Center

<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 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

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## Technical information

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### Specified operating environment

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#### Hardware requirements

- IBM Workload Deployer V3.0

- IBM System x® servers supporting VMware ESX V4.1, V4.0 U1, or later or V3.5 U5, or later

### **Software requirements**

- VMware ESX V4.1, V4.0 U1, or later or V3.5 U5, or later
- IBM Workload Deployer Image for X86 V1.0

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.

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

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IBM Workload Deployer Pattern for DB2 Workgroup Server Edition uses the security and auditability features of the host hardware or software.

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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## **Ordering information**

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To locate IBM Business Partners for Software ValueNet in your geography for a specific Software ValueNet portfolio, contact your IBM representative.

### **Product information**

Licensed function title	Product group	Product category
IBM workload Deployer Pattern for DB2 Workgroup Server Edition	IBM Database 2™	DB2
Program name	PID number	Charge unit description
IBM workload Deployer Pattern for DB2 Workgroup Server Edition	5725-E00	Per Processor Value Unit (PVU)

### **Charge metrics definitions**

#### **Processor Value Unit (PVU)**

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by processor value, brand, type, and model number at

[http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html)

and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the webpage below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores\* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

[http://www.ibm.com/software/lotus/passportadvantage/Counting\\_Software\\_licenses\\_using\\_specific\\_virtualization\\_technologies.html](http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html)

\* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

Notes:

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis **only**. In that case, the following applies: Instead of the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.
- Express® and workgroup programs may be licensed with maximum use terms. In that case, the following applies. The maximum authorized use terms and conditions for PVU licensed IBM express and middleware programs can be found in the IBM Express and Middleware Licensing Guide.

## Passport Advantage program licenses

### Workload Deployer Pattern for DB2 Wkgrp Svr Ed

Part description	Part number
IBM workload Deployer Pattern for DB2 Workgroup Server Edition	
workload Deployer Pattern for DB2 WSE Per PVU Annual SW S&S	E0C9HLL
workload Deployer Pattern for DB2 WSE Per PVU Lic + SW S&S 1	D0JXHLL
workload Deployer Pattern for DB2 WSE Per PVU SW S&S Reinsta	D0JXILL

## Passport Advantage supply

Program name/description	Part number
wkld Deployer Pattern for DB V1.0.0 IBM wkld Deployer Pattern V1.0 for DB2 WSE Linux® Multilingual	BB17TML

## Passport Advantage customer: Media pack entitlement details

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Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

### Wkld Deployer Pattern for DB V1.0.0

Entitled maintenance offerings description	Media packs description	Part number
Workload Deployer Pattern for DB2 workgroup Server Edition Processor Value Unit	IBM wkld Deployer Pattern V1.0 for DB2 WSE Linux Multilingual	BB17TML

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### License Information form number

Program name	Program number	Form number
workload Deployer Pattern for DB2 wkgrp Svr Ed	5725-E00	L-VACA-8FNQC3

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### Limited warranty

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### ***Money-back guarantee***

For clarification, note that 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.

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### ***International Passport Agreement***

#### ***Volume orders (IVO)***

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### ***Other terms***

#### ***IBM Operational Support Services - SoftwareXcel***

No

#### ***System i Software Maintenance applies***

No

## **Educational allowance available**

Not applicable.

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## **Prices**

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