



# IBM SmartCloud Continuous Delivery V2.0 helps organizations reduce software delivery cycle times and improve quality

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## At a glance

IBM SmartCloud™ Continuous Delivery is an agile, scalable, and flexible solution for end-to-end, lifecycle management. It allows organizations to:

- Reduce software delivery cycle times.
- Improve quality.

## Overview

Statistics show that software projects do not live up to today's business challenges. Up to 50% of applications released to production are later rolled back. Fifty-one percent of projects are over budget and often lack critical features. Sixty to eighty percent of the cost of software development is rework.

Innovative companies know that software is the way to new efficiencies, differentiated products, and services from the competition. These businesses find ways to quickly develop and deploy revenue generating projects on time and under budget.

IBM SmartCloud Continuous Delivery is an agile, scalable, and flexible solution designed to meet these challenges by allowing organizations to reduce software delivery cycle time and improve quality.

IBM SmartCloud Continuous Delivery provides:

- Continuous, end-to-end software delivery that influences an integrated development and operations solution
- Automated, one-touch provisioning and deployment of pre-defined target environments
- Incremental adoption of integrations for extended DevOps capabilities (like performance monitoring and test management)

IBM SmartCloud Continuous Delivery helps organizations reduce cycle times and improve delivery throughput, quality, and operations efficiency:

- Simplified, standardized, and automated delivery of production-like environments to development and test
- Improved success rate of production rollouts

- Improved visibility to delivery bottlenecks, quality and performance through a linked set of data across development, test, and operations
- Influencing existing develop-test-build tools and process

For ordering, contact your IBM® representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: AE001).

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## Key prerequisites

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For details, refer to the [Specified operating environment](#) section.

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## Planned availability date

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- October 30, 2012: Electronic availability
- November 13, 2012: Media availability

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## Description

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IBM SmartCloud Continuous Delivery automates an integrated development and operational, end-to-end software delivery lifecycle. It can be incrementally adopted to include continuous integration, automated provisioning and deployment, continuous testing, process simplification, and application performance management.

The enterprise framework supports the integration of IBM , Open Source, and third-party products built on open standards (OSLC).

Client pain points are addressed by the solution:

- Lack of standardization that impacts communication between Development and Operations
- Too much manual effort to integrate builds of heterogeneous environments (for example, DB2® and Java™ )
- Inability to deploy and install software due to configuration issues
- Too many performance and functional issues that surface in production
- Lack of control to optimize IT infrastructure based on end-to-end, application needs
- Excessive time spent to manually set up diverse testing production environments
- Fragile and ad-hoc, point-point integration of tools that lead to unreliable and costly processes

IBM SmartCloud Continuous Delivery capabilities:

- Sets up a joint development-operations (DevOps) project with the pipeline work flow and tasks, such as build, test and deploy.
- Tracks project changes including development code, application configuration, instrumentation, and installation scripts.
- Executes pipeline tasks when triggered by changes, such as code check-in by a developer.
- Provides no-touch, automatic execution of tasks including build and packaging, provisioning of the systems in the Cloud, set up of the system, application configuration, and testing.
- Contains an internal Library to track versions of releases that enable tracing of defects to environment.
- Provides a dashboard to track pipeline flow and metrics via visibility into a linked set of data.

Multicultural support and translation information for IBM software can be found online at

<http://www.ibm.com/software/globalization/scorecard/index.html>

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## Section 508 of the US Rehabilitation Act

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IBM SmartCloud Continuous Delivery is capable as of November 13, 2012, 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 US 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-I06	2.0.0	IBM SmartCloud Continuous Delivery

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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 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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#### *Software requirements*

#### **Application servers**

- Apache Tomcat 7.0 and future fix packs
- WebSphere® Application Server - Base V8.0 and future fix packs

**Databases:** DB2 Express® Edition V9.7 and future fix packs

**Installation:** Capilano Components ( IBM Installation Manager and IBM Packaging Utility) V1.5.2 and future fix packs

### **Web browsers**

- Microsoft™ Internet Explorer 9.0 and future fix packs
- Microsoft Internet Explorer 7.0 and future fix packs
- Microsoft Internet Explorer 7.0 and future fix packs
- Mozilla Firefox 3.6 and future fix packs
- Mozilla Firefox ESR 10 and future fix packs

### **Linux™**

- SUSE Linux Enterprise Desktop (SLED) 11.0 SP2 x86-64
- SUSE Linux Enterprise Desktop (SLED) 11.0 SP2 x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6 Update 3 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6 Update 2 x86-64
- SUSE Linux Enterprise Desktop (SLED) 11.0 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6 Update 2 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 7 Desktop editions x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP4 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6 Update 3 x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP4 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 6 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) Client 6 Update 1 x86-64
- SUSE Linux Enterprise Desktop (SLED) 11.0 x86-32
- Red Hat Enterprise Linux (RHEL) Server 6 Update 1 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6 Update 1 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 7 Desktop editions x86-64

### **Windows™**

- Windows XP SP3 Professional x86-32
- Windows XP SP3 Professional x86-64
- Windows 7 Service Pack 1 Professional x86-64
- Windows 7 Service Pack 1 Professional x86-32

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**

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#### ***Customer responsibilities***

Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express . Product upgrades and technical support are provided by the Software Subscription and Support (also referred to as Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest

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IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available.

### **Packaging**

IBM SmartCloud Continuous Delivery

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

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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**

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

### **Product information**

Licensed function title	Product group	Product category
IBM SmartCloud Continuous Delivery	Software Change and Configuration Management	Software Change and Configuration Management
Program name	PID number	Charge unit description
IBM SmartCloud Continuous Delivery	5725-I06	Per Application Instance for System z
IBM SmartCloud Continuous Delivery	5725-I06	Per Application Instance

### **Charge metrics definitions**

#### **Application Instance**

Application Instance is a unit of measure by which the Program can be licensed. An entitlement is required for each instance of an application connected to or managed by the Program. An application in a test, development, staging, or production environment is each considered to be a separate instance of the application and each must have an entitlement. As well, multiple application instances in a single environment are each considered to be separate instances of the application and each must have an entitlement.

For the purpose of Application Instance licensing, each instance of a build engine, continuous integration server or agent, or other build, integration, staging, or deployment process that are managed by the Program is considered a separate Application Instance.

## Passport Advantage program licenses

### IBM SmartCloud Continuous Delivery

Part description	Part number
IBM SmartCloud Continuous Delivery SmartCloud Continuous Del Per Application Instance Annual SW S&S Rnw1	E0F25LL
SmartCloud Continuous Del Per Application Instance Initl FT Lic+S&S 12 Mo	D0UYBLL
SmartCloud Continuous Del Per Application Instance Lic + SW S&S 12 Mo	D0UYHLL
SmartCloud Continuous Del Per Application Instance SW S&S Reinstate 12 Mo	D0UYILL
SmartCloud Continuous Del Per Application Instance Subsq FT Lic+S&S 12 Mo	E0F21LL

### Passport Advantage supply

IBM SmartCloud Continuous Delivery v2.0.0	
IBM SmartCloud Continuous Delivery V2.0 Multiplatform Multilingual Media Pk	BT0HXML

### 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.

### IBM SmartCloud Continuous Delivery V2.0.0

Entitled maintenance offerings description	Media packs description	Part number
IBM SmartCloud Continuous Delivery per Application Instance	IBM SmartCloud Continuous Delivery V2.0 Multiplatform Multilingual Media Pk	BT0HXML
IBM SmartCloud Continuous Delivery per Application Instance for System Z	IBM SmartCloud Continuous Delivery V2.0 Multiplatform Multilingual Media Pk	BT0HXML

### Cross-platform products

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#### ***Cross-platform products for use on System z***

Order the part numbers that follow when the product is used for either the development of code that will be deployed on System z® servers or when the product will be communicating or transferring data between a distributed server and a System z server. Otherwise order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement

### IBM SmartCloud Continuous Delivery

Part description	Part number
IBM SmartCloud Continuous Delivery SmartCloud Continuous Del Per Application Instance Sys z Annual SW S&S Rnw1	E0F26LL
SmartCloud Continuous Del Per Application Instance Sys z Initl FT Lic+S&S	D0UYCLL
SmartCloud Continuous Del Per Application Instance Sys z Lic + SW S&S 12 Mo	D0UYJLL
SmartCloud Continuous Del Per Application Instance Sys z SW S&S Reinstate	D0UYKLL
SmartCloud Continuous Del Per Application Instance Sys z Subsq FT Lic+S&S	E0F22LL

## **Cross-platform product for use on System z IFL engines**

Order the part numbers that follow when the product is intended to run on the Linux operating system on System z IFL engines. If the product is not intended to run on the Linux operating system on System z IFL engines, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

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Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

### **License Information form number**

Program name	Program number	Form number
IBM SmartCloud Continuous Delivery	5725-I06	L-JHKN-8WJRW7

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

### **Limited warranty applies**

Yes

### **Limited warranty**

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

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### **Program technical support**

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software

Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

### ***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.

For clarification, note that for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

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

No

### ***Passport Advantage applies***

Yes, and through the Passport Advantage website at

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

No

### **Educational allowance available**

Not applicable.

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Reference: AE001

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**Note:** Shipments will begin after the planned availability date.

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