

# IBM DevOps for IBM Cloud Paks 1.0 provides focused DevOps capabilities that help enterprises quickly and successfully deliver quality services and products to the marketplace

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## At a glance

IBM<sup>(R)</sup> DevOps for IBM Cloud<sup>(R)</sup> Paks 1.0 bundles the following integrated programs for improved, focused DevOps automation, enabling more streamlined development and delivery of applications:

- IBM Rational<sup>(R)</sup> Test Automation Server 10.1 accelerates end-to-end testing of multichannel, interconnected applications with new features for service virtualization, performance, and user interface (UI) testing.
- IBM UrbanCode<sup>(R)</sup> Deploy 7.1 deploys any application anywhere with repeatable governance and speed.
- IBM UrbanCode Velocity 2.0 leverages value stream management and data for a DevOps process advantage that can enable your products to get to market faster.

## Overview

DevOps for IBM Cloud Paks 1.0 incorporates selected IBM Rational and IBM UrbanCode offerings to deliver a focused DevOps solution with capabilities that are needed to successfully deliver services and products quickly to the marketplace.

DevOps for IBM Cloud Paks consists of three powerful DevOps programs:

- Rational Test Automation Server 10.1 helps to accelerate end-to-end testing of multichannel, interconnected applications with new features for service virtualization, performance, and UI testing. An integral part of the DevOps solution space, Rational Test Automation Server enables continuous testing and faster software delivery across the enterprise.
  - Scale your testing on the cloud or remote on-premises machines with native Docker, Kubernetes, and Red Hat<sup>(R)</sup> OpenShift<sup>(R)</sup> support.
  - Run API functional and performance tests through the use of a single platform.
  - View unified test results that can help you make informed business decisions.
  - Integrate with popular DevOps tools such as Jenkins and UrbanCode Deploy to get more value from your DevOps processes.
- UrbanCode Deploy 7.1 automates application deployments of many artifacts and integrates with many continuous integration tools. It is a deployment automation and orchestration tool that is designed specifically for an enterprise. With UrbanCode Deploy, your organization can deploy many applications in

multiple places: to distributed platforms, IBM z/OS<sup>(R)</sup>, private and public clouds, and container platforms such as Kubernetes and OpenShift. UrbanCode Deploy can run independently in a container on IBM OpenShift Container Platform for easier use and administration.

- Automate deployments from simple to complex.
- Track who deployed what, where, and when with automation.
- Deploy applications and configure to traditional WebSphere<sup>(R)</sup> and JBoss<sup>(R)</sup>.
- Enable a consistent experience across cloud native, distributed, mobile, and z/OS.
- Run millions of deployments a year by using hundreds of available integrations.
- UrbanCode Velocity 2.0 orchestrates continuous delivery across the software value stream. It helps you visualize, orchestrate, and optimize your continuous delivery value stream. Development teams, release managers, and transformation executives can use its focused feature set to consolidate data and drive action across many agile, continuous integration, and continuous delivery systems. UrbanCode Velocity is designed for organizations that want to move beyond automation to drive culture change and fully realize the benefits of their DevOps transformation investments.
  - Apply agile principles and value stream management to remove bottlenecks and move faster.
  - Reduce risks that are inherent in continuous delivery:
    - Use an accurate, visible chain of custody to track features as they move from code to production.
    - Be audit ready with automated, historical audit reports.
    - Help ensure that quality and security is built in, enabling your teams to verify that required security, compliance, and quality checks are run during the release process.

DevOps for IBM Cloud Paks 1.0 uses a licensing metric and part numbers to simplify entitlements to the DevOps capabilities. When you purchase Resource Units, they can be used for the Floating User, Managed Virtual Server, and Authorized User license metrics of Rational Test Automation Server, UrbanCode Deploy, and UrbanCode Velocity.

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## Key requirements

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For details, see the [Software requirements](#) sections.

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## Planned availability date

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August 4, 2020

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## Description

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### **DevOps for IBM Cloud Paks and the Rational Test Automation Server advantage**

As part of IBM Cloud's ongoing adoption of Kubernetes, Rational Test Automation Server is shipped as a certified Red Hat OpenShift distribution, enabling easier access to Rational Test Automation Server through a Red Hat OpenShift Entitled Registry. As part of the DevOps for IBM Cloud Paks, your organization can leverage their investment in IBM Cloud as part of their quality processes. Because it is a server component, it is important that Rational Test Automation Server integrate with a wide ecosystem of DevOps tools and solutions.

Rational Test Automation Server V10.1 integrates IBM UrbanCode, Microsoft™ Azure DevOps, and Jira for defect tracking capabilities. UrbanCode Deploy can define a deployment process that automatically triggers test cases and can make those test insights available directly within UrbanCode Velocity. Similarly, Microsoft users can define a DevOps pipeline that includes direct execution of tests by using Rational Test Automation Server scalable infrastructure.

While the first release of Rational Test Automation Server brought the capability to hold a project in a GIT repository for simple location of tests and related assets, version 10.1 enables full concurrent editing of test data sets directly from the Rational Test Automation Server user interface. This true multiuser capability enables team members to collaborate more easily and make data changes without impacting the rest of the team. This capability provides your teams with more flexibility and time to analyze and consider when to push their changes.

Rational Test Automation Server features:

- IBM Rational Functional Tester. Refreshed reports unify traditional and WebUI reports and provide a consistent modern user experience that makes finding problems quicker and easier. Image-based locators can assist with identifying complex controls. Image locators can find page objects based on their image rather than DOM information.
- Rational Performance Tester. OpenMetrics support enables performance testers to access a vast array of resource monitoring data. By using the cloud-native Foundations Prometheus project, testers can gain access to insights for a diverse range of applications and can add their own insights based on the OpenMetrics standard.
- Dynamic reports. The performance reports incorporate a user customizable tab that is designed to quickly and easily overlay data from resource counters and schedule data to help identify problems.
- Rational Integration Tester and Rational Test Virtualization Server. An open API that is based on Apache Camel enables users to extend the range of transports available in Rational Integration Tester and Rational Test Virtualization Server.

### **Accessibility by people with disabilities**

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Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [IBM Accessibility Conformance Report Request](#) website.

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### **Program number**

<b>Program number</b>	<b>VRM</b>	<b>Program name</b>
5737-N14	1.0.0	IBM DevOps for IBM Cloud Paks

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### **Offering Information**

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

More information is also available on the [Passport Advantage<sup>\(R\)</sup>](#) and [Passport Advantage Express<sup>\(R\)</sup>](#) website.

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### **Publications**

None

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### **Services**

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## Software Services

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## Technical information

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### Specified operating environment

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#### **Software requirements**

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### Planning information

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#### **Packaging**

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## Ordering information

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Part number description	Part number
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Part number description	Part number
IBM DevOPs for IBM Cloud Paks Resource Unit SW Subscription & Support Reinstatement 12 Months	D28GNLL
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You must have previously acquired licenses for the following precursor products to be eligible to acquire equivalent licenses of the trade-up products.

Part number description	Part number
IBM DevOps for IBM Cloud Paks Resource Unit from Prior Programs Trade Up License + SW Subscription & Support 12 Months	D28IYLL
IBM DevOps for IBM Cloud Paks for Linux <sup>(R)</sup> for IBM Z <sup>(R)</sup> Resource Unit from Prior Programs Trade Up License + SW Subscription & Support 12 Months	D28IZLL

Consult your IBM representative if you have any questions.

### Cross-platform product for use on IBM Z

Order the part numbers that follow when the product is used for either the development of code that will be deployed on IBM Z or when the product will be communicating or transferring data between a distributed server and a IBM Z. 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.

Part number description	Part number
IBM DevOPs for IBM Cloud Paks Linux for IBM Z Resource Unit Annual SW Subscription & Support Renewal	E0R2FLL
IBM DevOPs for IBM Cloud Paks Linux for IBM Z Resource Unit License + SW Subscription & Support 12 Months	D28GPLL
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IBM DevOPs for IBM Cloud Paks Linux for IBM Z Resource Unit Committed Term License	D28GHLL
IBM DevOPs for IBM Cloud Paks Linux for IBM Z Resource Unit Committed Term License Upgrade	D28GJLL

### Charge metric

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The charge metrics for this licensed product can be found in the following License Information document:

<b>Program identifier</b>	<b>License Information document title</b>	<b>License Information document number</b>
5737-N14	IBM DevOps for IBM Cloud Paks	<a href="#">L-SKOT-BNHNUU</a>

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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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 Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

This product is only available through Passport Advantage.

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### License Information number

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The following License Information document applies to the offering in this announcement:

<b>Program identifier</b>	<b>License Information document title</b>	<b>License Information document number</b>
5737-N14	IBM DevOps for IBM Cloud Paks	<a href="#">L-SKOT-BNHNUU</a>

Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

### Limited warranty applies

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Yes

### **Limited warranty**

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### **Program technical support**

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For additional information about the IBM Software Support Lifecycle Policy, see the [IBM Software Support Lifecycle Policy](#) website.

### **Money-back guarantee**

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

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No

### **Passport Advantage applies**

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### **Software Subscription and Support applies**

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#### **Variable charges apply**

No

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#### **Educational allowance available**

Not applicable.

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### **Statement of good security practices**

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