IBM Rational Solution for Test Automation V9.0.1 delivers new capabilities for continuous testing and service virtualization

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At a glance

The modern enterprise deploys mobile applications and multichannel web experiences to reach new clients and business opportunities. These applications are connected to corporate systems through the use of a wide variety of middleware and integration platforms. The IBM® Rational® Solution for Test Automation helps you:

- Ensure the integrity and quality of these client-reaching business processes.
- Save time and cost with an integrated quality management platform that support a process for continuous application delivery.

Overview

The Rational Solution for Test Automation V9.0.1 helps to accelerate end-to-end testing of multi-channel, interconnected applications, with new features for service virtualization, mobile, and web UI testing.

An integral part of the Rational solution for DevOps, the Rational Test Workbench offerings enable continuous testing for faster software delivery across the enterprise. The offerings include:

- Rational Test Workbench
- Rational Test Virtualization Server
- Rational Performance Test Server
- Rational Performance Tester
- Rational Service Tester for SOA Quality

After the initial introduction of Rational Performance Tester on Cloud, IBM expands the offering as part of Version 9.0.1 with support for private cloud, and also as introduces web UI load testing, which is available for both public and private cloud models.

The IBM service virtualization capabilities are also updated:

- Move workloads to the cloud, with the ability to run virtual services in Docker containers.
- New dashboards and metrics are added to Rational Test Virtualization Server to allow users to understand how they are using their virtual services, and how to get more out of them.
Key prerequisites

Requires Capilano Components (IBM Installation Manager and IBM Packaging Utility) and fix packs.

For details, refer to the Hardware requirements and the Software requirements sections.

Planned availability date

September 15, 2016

Description

Rational Solution for Test Automation Version V9.0.1 includes the following offerings and capabilities:

**Rational Test Workbench**

**Integration testing**

- Integration with IBM z™/OS Connect
- Support for channels and containers in CICS® Distributed Program Link (DPL)
- Improvements in message schema handling to improve project portability

**Mobile and unified web UI test automation**

- Accelerated functional testing for parallel testing across multiple browsers
- Support for Web UI Low Impact Performance Testing (LIPT)
- Extensibility support for custom automation frameworks
- Mobile Test Edition support for mPerf, Rational Quality Manager, and UCD
- Ease of use and prioritized Requests For Enhancement (RFEs)

**Performance testing**

- Web Analytics reporting
- Support for HTTP/2 (basic)
- Global transaction rate scheduling
- Web UI load testing in the cloud
- Private cloud load agents for performance testing
- Ease of use and prioritized RFEs

**Rational Test Virtualization Server and Rational Performance Test Server**

- Generation of Docker containers for virtual services
- New metrics and dashboards for the use of virtual services.

**Note:** Rational Performance Test Server supports load and performance testing. It does not provide service virtualization. Rational Test Virtualization server provides both load and virtualization capability.

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 Accessibility website.

### Program number

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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® and Passport Advantage Express® 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**

**Disk space:** 3 GB of free disk space (full install)

**Display:** Minimum 1024 x 768 resolution by using 256 colors (or higher for best results)

**Memory:** 4 GB or greater of RAM

**Processor:** Minimum 2 GHz Intel® Core 2 Duo processor or equivalent

**Software requirements**

**AIX®**

- AIX 7.1 POWER® System - Big Endian
- AIX 6.1 POWER System - Big Endian
• Red Hat Enterprise Linux (RHEL) Server 6 x86-64
• Red Hat Enterprise Linux (RHEL) Server 6 x86-64
• Ubuntu 10.04 LTS x86-32
• Red Hat Enterprise Linux (RHEL) 5.3 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) Server 6.2 IBM z Systems™
• Red Hat Enterprise Linux (RHEL) 5 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) 5.2 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) 5.5 Advanced Platform x86-64
• Red Hat Enterprise Linux (RHEL) Workstation 6 x86-64
• Red Hat Enterprise Linux (RHEL) Workstation 6 x86-64
• Red Hat Enterprise Linux (RHEL) 5.8 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) 5 Desktop editions x86-32
• Red Hat Enterprise Linux (RHEL) 5 Server POWER System - Big Endian
• Ubuntu 8.04 LTS Desktop x86-32
• SUSE Linux Enterprise Desktop (SLED) 11.0 x86-32
• Red Hat Enterprise Linux (RHEL) 5.4 Advanced Platform x86-64
• SUSE Linux Enterprise Desktop (SLED) 11.0 x86-64
• Red Hat Enterprise Linux (RHEL) 5.8 Advanced Platform x86-64
• Red Hat Enterprise Linux (RHEL) Server 6.2 IA64
• SUSE Linux Enterprise Server (SLES) 11 x86-32
• Red Hat Enterprise Linux (RHEL) Client 6 x86-32
• Red Hat Enterprise Linux (RHEL) Server 6 IBM z Systems
• Red Hat Enterprise Linux (RHEL) 5 Desktop editions x86-64
• Red Hat Enterprise Linux (RHEL) 5.4 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) 5.7 Advanced Platform x86-64
• Red Hat Enterprise Linux (RHEL) Workstation 6 x86-32
• Red Hat Enterprise Linux (RHEL) 5 Server x86-32
• Red Hat Enterprise Linux (RHEL) 5.6 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) 5.3 Server x86-32
• Red Hat Enterprise Linux (RHEL) 5 Advanced Platform x86-64
• Ubuntu 12.04 LTS x86-64
• Red Hat Enterprise Linux (RHEL) 5.1 Advanced Platform x86-32
• Red Hat Enterprise Linux (RHEL) 5.6 Advanced Platform x86-64
• Red Hat Enterprise Linux (RHEL) Server 6 x86-32
• Red Hat Enterprise Linux (RHEL) Server 6 x86-32
• SUSE Linux Enterprise Server (SLES) 11 x86-64
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• Red Hat Enterprise Linux (RHEL) 5.1 Advanced Platform x86-64
• Ubuntu 8.04 LTS x86-32
• Red Hat Enterprise Linux (RHEL) 5.7 Advanced Platform x86-32
- Red Hat Enterprise Linux (RHEL) 5.5 Server x86-32

**Mac OS**
- OS X Mountain Lion 10.8 x86-64
- OS X Mavericks 10.9 x86-64
- OS X Lion 10.7.3 x86-64
- OS X Yosemite 10.10 x86-64

**Mobile OS**
- iOS 8
- iOS 6.1
- Android 4.4
- Android 4.0
- Android 2.3
- Android 4.2
- iOS 8.1
- Android 4.3
- iOS 7
- iOS 7.1
- Android 4.1

**Solaris**
- Solaris 10 SPARC
- Solaris 11 SPARC

**Windows™**
- Windows Server 2008 Enterprise Edition x86-32
- Windows Server 2012 Standard Edition x86-64
- Windows 8 Professional x86-64
- Windows Vista Business x86-32
- Windows Server 2008 R2 Service Pack 1 Enterprise Edition x86-64
- Windows 8 Standard x86-64
- Windows Server 2008 Datacenter Edition x86-64
- Windows Server 2012 Datacenter Edition x86-64
- Windows Vista Enterprise x86-64
- Windows Server 2008 R2 Standard Edition x86-64
- Windows 8.1 Enterprise x86-64
- Windows Server 2008 R2 Web Edition x86-64
- Windows Server 2008 Web Edition x86-64
- Windows Server 2012 R2 Essentials Edition x86-64
- Windows Server 2012 Essentials Edition x86-64
- Windows Server 2012 Foundation Edition x86-64
- Windows Vista Ultimate x86-32
- Windows Vista Enterprise x86-32
- Windows Server 2008 Standard Edition x86-32
- Windows 7 Ultimate x86-64
- Windows 8 Enterprise x86-64
- Windows 8 Enterprise x86-32
- Windows Server 2012 R2 Datacenter Edition x86-64
- Windows Vista Business x86-64
- Windows Server 2008 R2 Service Pack 1 Datacenter Edition x86-64
- Windows 8 Standard x86-32
- Windows Server 2008 R2 Service Pack 1 Standard Edition x86-64
- Windows 8.1 Standard x86-64
- Windows Server 2012 R2 Standard Edition x86-64
- Windows 8 Professional x86-32
- Windows 8.1 Professional x86-64
- Windows Server 2008 Standard Edition x86-64
- Windows Vista Ultimate x86-64
- Windows Server 2008 Enterprise Edition x86-64
- Windows Server 2008 R2 Datacenter Edition x86-64
- Windows 8 Professional ARM

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**

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

Product: Rational Solution for Test Automation

**Passport Advantage**

**Charge metric**

Not applicable

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**License Information number**

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**Limited warranty applies**

Yes

**Limited warranty**

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**Volume orders (IVO)**

No

**Passport Advantage applies**

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Yes. 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 offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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**System i Software Maintenance applies**

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