



IBM Rational Solution for Test Automation V9.1 delivers new capabilities for continuous testing and service virtualization

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At a glance

The modern enterprise deploys mobile and multichannel web applications to reach new customers and business opportunities. These applications are connected to corporate systems using a wide variety of middleware and integration platforms. IBM^(R) Rational^(R) Solution for Test Automation offers these benefits:

- Ensures the integrity and quality of these customer-reaching business processes.
- Saves time and cost with an integrated quality management platform that supports continuous application delivery.

Overview

Rational Solution for Test Automation V9.1 helps to accelerate end-to-end testing of multichannel, interconnected applications, with new features for service virtualization, performance, 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 the following:

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

Rational Functional Tester is updated with a range of enhancements since the last major release and has renewed support for the latest versions of technologies such as PowerBuilder 12.6 and SAP GUI 7.4. Rational Functional Tester now supports 64-bit Linux[™] and 64-bit Java[™] on Linux. For clients with both Rational Test Workbench Web UI tester and Rational Functional Tester, Rational Functional Tester web scripts can now be executed using the Web UI method of JavaScript[™] playback and does not require explicit control of the keyboard and mouse (currently only supports Firefox and Chrome). This allows for the execution of scripts while the screen is locked or minimized.

Rational Test Workbench Web UI Tester is enhanced to maximize test coverage in the shortest possible time, by setting up distributed testing and running several Web UI tests and compound tests simultaneously on several remote computers, for several operating systems and browsers. The product now offers a native Jenkins integration that allows running Web UI tests on a Jenkins server and using a Jenkins build step. Rational Test Workbench Web UI now has improved browser navigation support with actions such as GotoURL, Maximize, and restore. It provides the ability to export a Web UI test to a text file and to split a Web UI or mobile test while recording from the annotations toolbar.

Service virtualization now supports the latest versions of many technologies. It also supports additional cloud functions; many new network protocols are now supported for use by virtual services running within Docker containers.

Rational Performance Tester has expanded its Web Analytics capabilities, including

- An Executive Summary
- Low Intensity Performance Testing trending charts
- Stacked bar charts
- Individual scales in graphs
- Enhanced usability for result comparisons
- An easy way to share URLs among team members

The HTTP test extension has added support for Google Web Toolkit 2.7 and 2.8. The HTTP and SOA test extensions have added Push support for HTTP/2 (beta). The ability to automatically generate pre- and post-processor code to test actions is now available.

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

March 16, 2017

Description

Rational Solution for Test Automation Version 9.0 includes the following offerings and capabilities:

Rational Test Workbench

Integration testing

- Integration with IBM API Connect™
- Support for compressed content in messages
- Updated support for IBM WebSphere® Application Server, MQ, z/OS®^(R), and Software AG webMethods

Mobile and Unified Web UI test automation

- Enhanced browser semantics

- GWT 2.7 and 2.8
- Ease of use and prioritized RFEs

Performance testing

- Web UI load testing in the cloud
- Private cloud load agents for performance testing
- Ease of use and prioritized requests for enhancements

Rational Test Virtualization Server and Rational Performance Test Server

- Virtual services hosted in Docker containers now support a wide variety of network protocols.
- Updated infrastructure provides more resiliency for virtual services.

Note: Rational Performance Test Server supports load and performance testing. It does not offer service virtualization. Depending on the license type you choose, Rational Test Virtualization Server can offer both load and virtualization.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT), containing details about accessibility compliance, can be found on the [IBM Accessibility](#) website.

Program number

Program number	VRM	Program name
5725-G79	9.1.0	IBM Rational Test Workbench
5725-G94	9.1.0	IBM Rational Test Virtualization Server
5725-G93	9.1.0	IBM Rational Performance Test Server
5724-J96	9.1.0	IBM Rational Performance Tester
5724-S34	9.1.0	IBM Rational Service Tester for SOA Quality

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

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^(R)

- AIX 7.1 POWER^(R) System - Big Endian
- AIX 6.1 POWER System - Big Endian

Linux

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

- RHEL 5.1 Advanced Platform x86-32
- RHEL 5.6 Advanced Platform x86-64
- RHEL Server 6 x86-32
- SLES 11 x86-64
- RHEL 5.4 Server x86-32
- RHEL 5 Server x86-64
- RHEL 5.3 Advanced Platform x86-64
- RHEL 5.2 Advanced Platform x86-64
- Ubuntu 14.04 LTS x86-64
- RHEL Client 6 x86-64
- RHEL 5.5 Advanced Platform x86-32
- RHEL 5.1 Advanced Platform x86-64
- Ubuntu 8.04 LTS x86-32
- RHEL 5.7 Advanced Platform x86-32
- 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

Microsoft™ 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 8.1 Professional ARM

Planning information

Packaging

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

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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.

Charge metric

Not applicable

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License Information number

License ID	Document Name
L-LARN-AJ8P29	IBM Rational Service Tester for SOA Quality 9.0.1
L-LARN-AJ8NZ2	IBM Rational Integration Tester Starter Edition 9.0.1
L-LARN-AJ8NYK	IBM Rational Performance Tester Starter Edition 9.0.1
L-LARN-AJ8NWA	IBM Rational Test Workbench Starter Edition 9.0.1
L-LARN-AJ8NMT	IBM Rational Test Virtualization Server 9.0.1
L-LARN-AJ8NM8	IBM Rational Performance Test Server 9.0.1
L-LARN-AJ8NLF	IBM Rational Functional Tester 8.6.0.9
L-LARN-AJ8NKR	IBM Rational Performance Tester 9.0.1
L-LARN-AJ8NJB	IBM Rational Test Workbench 9.0.1.1

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Limited warranty applies

Yes

Limited warranty

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Volume orders (IVO)

No

Passport Advantage applies

No

Software Subscription and Support applies

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For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, go to the [Passport Advantage and Passport Advantage Express](#) website.

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Education allowance does not apply. Education software allowance does not apply.

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

Business Partner information

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