



IBM Rational Performance Tester V8.3 delivers enhanced user experience and extended environment support

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At a glance

To help test teams improve their effectiveness and meet their delivery goals, IBM® Rational® Performance Tester V8.3 delivers:

- Enhanced user experience
- Extended environment support to help test teams

Overview

There are more obstacles today than ever before when the products you are testing are more complex, harder to manage, and tied closer to the business. This is the case whether you are adopting new development technologies, working in geographically distributed teams, or having to comply with rigorous regulatory and internal requirements.

To help teams meet their business goals with limited resources and tight deadlines, IBM Rational Performance Tester V8.3 provides a cost-effective, comprehensive, and collaborative quality management solution. V8.3 of the performance testing offering delivers:

- Improved usability and productivity, including web-based analytics
- Increased enterprise scalability capabilities and additional environment support
- Enhanced integration with IBM Rational Quality Manager for test execution, monitoring, and analytics

Key prerequisites

For details, refer to the [Hardware requirements](#) and the [Software requirements](#) sections.

Planned availability date

October 23, 2012: Electronic availability

October 30, 2012: Media availability

Description

IBM Rational Performance Tester is a performance test authoring, execution, and analysis tool for teams validating the scalability and reliability of complex on demand applications before deployment.

Rational Service Tester for SOA Quality is a tool for ensuring the quality of web service based service-oriented architecture (SOA) applications. Tests developed in Rational Service Tester can be shared for performance and scalability testing.

New and improved functions in V8.3:

- New web-based analytics allow you to monitor test execution and access post run reports and results through a web browser. The full set of run-time and post run results is now available through Rational Quality Manager.
- Enhanced data correlation rules provide greater flexibility for capturing dynamic data behavior that is unique to your application.
- New data correlation log view simplifies the process of identifying test errors from data dependencies between requests and responses.
- Enhanced Generic Service Client simplifies the creation of SOA tests.
- New load agent enables parallel agent startup, increases agent scalability, and simplifies deployment in firewall environments.
- Extended protocol support includes Microsoft™ Silverlight, Google Web Toolkit, HTML 5, and Windows™ Communication Foundation for SOA.
- Updated environment support includes tier-to-tier response time breakdown for IBM WebSphere® Application Server V8.x, XenApp 6.5, and XenDesktop, additional sources for agent-less resource monitoring, and support for 64-bit Java™ virtual machine (JVM) for the development integrated development environment (IDE) and load agent.
- Enhanced browser emulation support includes detection of connection close and wait, and caching across test boundaries.

Section 508 of the US Rehabilitation Act

Rational Performance Tester is capable as of October 30, 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

Availability of national languages

Product description	Language	GA date
Rat1 Performance Tester V8.3.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	October 30, 2012
Rat1 Service Tester for SOA V8.3.0	Multilingual (French,	October 30, 2012

Korean,
Chinese -
Simplified,
Spanish,
Portuguese-Brazilian,
German,
Japanese,
Chinese -
Traditional,
English,
Italian)

Program number

Program number	VRM	Program name
5724-J96	8.3.0	IBM Rational Performance Tester
5724-S34	8.3.0	IBM Rational Service Tester for SOA Quality

Offering Information

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>

Publications

No publications are shipped with these products.

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.

Technical information

Specified operating environment

Hardware requirements

Rational Performance Tester

Disk space:

- Minimum: 1.5 GB of disk space for product package installation. Additional disk space for the resources that you develop.
- Note: Disk space requirements can be reduced or increased depending on the features that you install.
- Additional disk space is required if you download the product package to install this product.

- Windows : Additional disk space is required if you use FAT32 instead of NTFS. An additional 500 MB of disk space is required in the directory that you specify in the environment variable TEMP.
- Linux™ : An additional 500 MB of disk space is required in the /tmp directory.
- Large test runs can store several gigabytes of data. Make sure that you have adequate disk space before attempting a large test run.

Display: Minimum 1024 x768 resolution using 256 colors, or higher for best results; for Agent Controller only, minimum 800 x 600 display using 256 colors, or higher for best results.

Memory: Minimum for the Rational Performance Tester workbench: 1 GB of RAM; minimum for just the Agent Controller: 500 MB of RAM. For best results with large test runs, use 2 GB of RAM.

Processor: Minimum of 1.5 GHz Intel™ Pentium™ 4 (or higher for best results). For best results with large test runs, use a 2 GHz, or higher Intel Pentium dual-core processor.

Other hardware: Microsoft mouse or compatible pointing device.

Rational Service Tester for SOA Quality

Disk space

- Minimum: 1.5 GB of disk space for product package installation. Additional disk space for the resources that you develop.
- Note: Disk space requirements can be reduced or increased depending on the features that you install.
- Additional disk space is required if you download the product package to install this product.
- Windows : Additional disk space is required if you use FAT32 instead of NTFS. An additional 500 MB of disk space is required in the directory that you specify in the environment variable TEMP.
- Linux : An additional 500 MB of disk space is required in the /tmp directory.
- Large test runs can store several gigabytes of data. Make sure that you have adequate disk space before attempting a large test run.

Software requirements

Rational Performance Tester

Installation: Capilano components (IBM Installation Manager and IBM Packaging Utility) V1.6 and future modification levels and their fix packs

Licensing: Rational License Key Server V8.1.3 and future fix packs

Web browsers

- Microsoft Internet Explorer 8.0 and future modification levels and fix packs
- Microsoft Internet Explorer 9.0 and future modification levels and fix packs
- Mozilla Firefox 3.6 and future modification levels and fix packs
- Mozilla Firefox 3.5 and future modification levels and fix packs
- Mozilla Firefox 4.0 and future modification levels and fix packs
- Mozilla Firefox 5.0 and future modification levels and fix packs
- Mozilla Firefox 6.0

Operating systems

AIX®

- AIX V6.1 POWER® System

- AIX V7.1 POWER System

Linux

- Red Hat Enterprise Linux (RHEL) 5 Update 1 Advanced Platform x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP3 x86-64
- SUSE Linux Enterprise Server (SLES) 10 SP3 x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP3 x86-32
- SUSE Linux Enterprise Server (SLES) 10 SP3 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 5 Advanced Platform x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 5 Advanced Platform x86-64
- SUSE Linux Enterprise Server (SLES) 10 SP2 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Advanced Platform x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP1 x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP1 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Desktop editions x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Desktop editions x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Advanced Platform x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Desktop editions x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Desktop editions x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Desktop editions x86-32
- SUSE Linux Enterprise Server (SLES) 10 SP2 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Desktop editions x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Advanced Platform x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Advanced Platform x86-32
- SUSE Linux Enterprise Server (SLES) 10 x86-32
- SUSE Linux Enterprise Server (SLES) 10 x86-64

Windows

- Windows Vista Ultimate x86-32
- Windows Vista SP1 Ultimate x86-32
- Windows Vista SP1 Enterprise x86-32
- Windows Server 2003 SP1 Enterprise Edition x86-64
- Windows Server 2003 SP1 Standard Edition x86-64
- Windows Server 2003 SP2 Enterprise Edition x86-32
- Windows XP SP2 Professional x86-32
- Windows Server 2003 SP2 Enterprise Edition x86-64
- Windows 7 Ultimate x86-64
- Windows 7 Ultimate x86-32
- Windows 7 Professional x86-64
- Windows Server 2008 Enterprise Edition x86-32
- Windows Server 2008 Enterprise Edition x86-64
- Windows 7 Enterprise x86-64
- Windows 7 Professional x86-32
- Windows Server 2008 Standard Edition x86-64

- Windows 7 Enterprise x86-32
- Windows Server 2008 Standard Edition x86-32
- Windows Server 2003 SP1 Enterprise Edition x86-32
- Windows Server 2003 SP2 Standard Edition x86-64
- Windows Server 2008 R2 Enterprise Edition x86-64
- Windows XP SP1 Professional x86-64
- Windows Server 2003 SP2 Standard Edition x86-32
- Windows XP SP1 Professional x86-32
- Windows XP SP2 Professional x86-64
- Windows Server 2003 SP1 Standard Edition x86-32
- Windows Vista Enterprise x86-32
- Windows Vista Business x86-32
- Windows Vista Enterprise x86-64
- Windows Vista Business x86-64
- Windows Server 2003 Standard Edition x86-32
- Windows Server 2003 Enterprise Edition x86-64
- Windows XP Professional x86-64
- Windows Server 2003 Enterprise Edition x86-32
- Windows Server 2003 Standard Edition x86-64
- Windows Vista SP1 Ultimate x86-64
- Windows Vista SP1 Enterprise x86-64
- Windows Vista SP1 Business x86-64
- Windows Vista Ultimate x86-64
- Windows Vista SP1 Business x86-32

z/OS®

- z/OS V1.12 System z®
- z/OS V1.13 System z

Rational Service Tester for SOA Quality V8.3

Licensing

- Rational License Key Server V8.1.2 and future fix packs
- Rational License Key Server V8.1.3 and future fix packs

Web browsers

- Microsoft Internet Explorer 6.0 and future modification levels and fix packs
- Microsoft Internet Explorer 7.0 and future modification levels and fix packs
- Microsoft Internet Explorer 8.0 and future modification levels and fix packs
- Microsoft Internet Explorer 9.0 and future modification levels and fix packs
- Mozilla Firefox 3.6 and future modification levels and fix packs
- Mozilla Firefox 3.5 and future modification levels and fix packs
- Mozilla Firefox 5.0 and future modification levels and fix packs
- Mozilla Firefox 4.0 and future modification levels and fix packs
- Mozilla Firefox 6.0 and future modification levels and fix packs

Operating systems

AIX

- AIX V7.1 POWER System
- AIX V6.1 POWER System

Linux

- SUSE Linux Enterprise Server (SLES) 10 x86-64
- SUSE Linux Enterprise Server (SLES) 9 x86-64
- SUSE Linux Enterprise Server (SLES) 9 x86-32
- SUSE Linux Enterprise Server (SLES) 10 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Desktop x86-32
- Red Hat Enterprise Linux (RHEL) 4 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 4 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 4 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 5 Advanced Platform x86-32
- Red Hat Enterprise Linux (RHEL) 5 Advanced Platform x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 3 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 5 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 2 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 7 Desktop x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 4 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Desktop editions x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 2 AS/ES x86-64
- SUSE Linux Enterprise Server (SLES) 9 SP4 x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 5 Desktop x86-32
- SUSE Linux Enterprise Server (SLES) 10 SP2 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Desktop editions x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 7 AS/ES x86-64
- SUSE Linux Enterprise Server (SLES) 9 SP2 x86-64
- SUSE Linux Enterprise Server (SLES) 9 SP4 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 6 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Desktop editions x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 4 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Desktop editions x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 1 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 2 Desktop x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 5 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 1 Desktop x86-64
- SUSE Linux Enterprise Server (SLES) 9 SP3 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 7 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Desktop editions x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 5 AS/ES x86-32
- SUSE Linux Enterprise Server (SLES) 9 SP3 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 2 Advanced Platform x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 6 Desktop x86-64

- Red Hat Enterprise Linux (RHEL) 5 Update 2 Desktop editions x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP1 x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP1 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 3 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 4 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 3 Advanced Platform x86-32
- SUSE Linux Enterprise Server (SLES) 10 SP2 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 4 Desktop x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 1 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 8 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 8 Desktop x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 8 AS/ES x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 8 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 5 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 5 Advanced Platform x86-32
- SUSE Linux Enterprise Server (SLES) 10 SP3 x86-32
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP3 x86-32
- SUSE Linux Enterprise Server (SLES) 10 SP3 x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP3 x86-64
- SUSE Linux Enterprise Server (SLES) 9 SP1 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 3 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 6 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 5 Update 1 Advanced Platform x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 2 AS/ES x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 6 Desktop x86-32
- SUSE Linux Enterprise Server (SLES) 9 SP1 x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 1 Desktop x86-32
- SUSE Linux Enterprise Server (SLES) 9 SP2 x86-32
- Red Hat Enterprise Linux (RHEL) 4 Update 7 Desktop x86-64
- Red Hat Enterprise Linux (RHEL) 4 Update 3 Desktop x86-32

Windows

- Windows Server 2003 Standard Edition x86-64
- Windows Server 2003 Enterprise Edition x86-32
- Windows XP Professional x86-64
- Windows Server 2003 Enterprise Edition x86-64
- Windows Server 2003 Standard Edition x86-32
- Windows Vista Business x86-64
- Windows Vista Enterprise x86-64
- Windows Vista Business x86-32
- Windows Vista Enterprise x86-32
- Windows Server 2003 SP1 Standard Edition x86-32
- Windows XP SP2 Professional x86-64
- Windows XP Professional x86-32
- Windows XP SP1 Professional x86-32
- Windows Server 2003 SP2 Standard Edition x86-32
- Windows XP SP1 Professional x86-64
- Windows Server 2008 R2 Enterprise Edition x86-64

- Windows Server 2003 SP2 Standard Edition x86-64
- Windows Server 2003 SP1 Enterprise Edition x86-32
- Windows Server 2008 Standard Edition x86-32
- Windows 7 Enterprise x86-32
- Windows Server 2008 Standard Edition x86-64
- Windows 7 Professional x86-32
- Windows 7 Enterprise x86-64
- Windows Server 2008 Enterprise Edition x86-64
- Windows Server 2008 Enterprise Edition x86-32
- Windows 7 Professional x86-64
- Windows 7 Ultimate x86-32
- Windows 7 Ultimate x86-64
- Windows Server 2003 SP2 Enterprise Edition x86-64
- Windows XP SP2 Professional x86-32
- Windows Server 2003 SP2 Enterprise Edition x86-32
- Windows Server 2003 SP1 Standard Edition x86-64
- Windows Server 2003 SP1 Enterprise Edition x86-64
- Windows Vista SP1 Enterprise x86-32
- Windows Vista SP1 Ultimate x86-32
- Windows Vista Ultimate x86-32
- Windows Vista SP1 Business x86-32
- Windows Vista Ultimate x86-64
- Windows Vista SP1 Business x86-64
- Windows Vista SP1 Enterprise x86-64
- Windows Vista SP1 Ultimate x86-64

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

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 versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

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 Rational Performance Tester

IBM Rational Service Tester for SOA Quality

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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 Rational Application Performance Analyzer	Software Quality	Software Quality
IBM Rational Performance Tester	Software Quality	Software Quality
IBM Rational Performance Tester Extension	Software Quality	Software Quality
IBM Rational Performance Tester Extension for Citrix Presentation Server	Software Quality	Software Quality
IBM Rational Performance Tester Extension for SIP	Software Quality	Software Quality
IBM Rational Performance Tester Extension for SOA Quality	Software Quality	Software Quality
IBM Rational Performance Tester Extension for Siebel Test Automation	Software Quality	Software Quality
IBM Rational Performance Tester for z/OS	Software Quality	Software Quality
IBM Rational Service Tester for SOA Quality	Software Quality	Software Quality
Program name	PID number	Charge unit description
IBM Rational Application Performance Analyzer	5724-J96	Per Floating User for System z
IBM Rational Application Performance Analyzer	5724-J96	Per Floating User
IBM Rational Performance Tester	5724-J96	Per Floating User
IBM Rational Performance Tester Extension	5724-J96	Per Authorized User
IBM Rational Performance Tester Extension	5724-J96	Per Floating User
IBM Rational Performance Tester Extension for Citrix Presentation Server	5724-J96	Per Floating User
IBM Rational Performance Tester Extension for SIP	5724-J96	Per Floating User
IBM Rational Performance Tester Extension for SIP	5724-J96	Per Floating User for System z
IBM Rational Performance Tester Extension for SOA Quality	5724-J96	Per Floating User
IBM Rational Performance Tester Extension for SOA Quality	5724-J96	Per Floating User for System z
IBM Rational Performance Tester Extension for Siebel Test Automation	5724-J96	Per Floating User
IBM Rational Performance Tester for z/OS	5724-J96	Per Processor Value Unit (PVU)

IBM Rational Service Tester for SOA Quality	5724-S34	Per Floating User
IBM Rational Service Tester for SOA Quality	5724-S34	Per Authorized User for System Z
IBM Rational Service Tester for SOA Quality	5724-S34	Per Floating User for System Z
IBM Rational Service Tester for SOA Quality	5724-S34	Per Authorized User

Charge metrics definitions

Authorized User

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for each Authorized User accessing the program in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

Note: Some programs may be licensed where devices are considered users. In that case, the following applies. Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

Floating User

Floating User is a unit of measure by which the program can be licensed. A Floating User is a person who is accessing the program at any particular point in time. An Install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. The program may be installed on any number of computers or servers, but if the Floating User simultaneously accesses more than one Install of the program, the Floating User requires a separate entitlement for each such Install. Licensee must obtain separate entitlements for each Floating User simultaneously accessing the program on each Install in any manner directly or indirectly (for example: via a multiplexing program, device, or application server) through any means.

Note: Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

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

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

* 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.

Passport Advantage program licenses

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension for Siebel Test Automation	
RPT Ext for Siebel Per Floating User Term License SW S&S (TLA) 12 Mo	D554GLL
Rat1 Perf Test Ext Siebel Ta Fltus Initl FT Lic+S&S 12 Mo	D0BI6LL
Rat1 Perf Test Ext Siebel Ta Fltus SubSq FT Lic+S&S 12 Mo	E0813LL
Rat1 Performance Test Ext Siebel Test Auto FltUsr Annual SW S&S Rnw1	E01TFLL
Rat1 Performance Test Ext Siebel Test Auto FltUsr Lic + SW S&S 12 Mo	D554ELL
Rat1 Performance Test Ext Siebel Test Auto FltUsr SW S&S Reinstate 12 Mo	D554FLL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester for z/OS	
Rat1 Performance Tester for z/OS per VUValue Unit Annual SW S&S Rnw1	E01UCLL
Rat1 Performance Tester for z/OS per VUValue Unit Lic + SW S&S 12 Mo	D556ULL
Rat1 Performance Tester for z/OS per VUValue Unit SW S&S Reinstate 12 Mo	D556VLL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension	
Rat1 Perf Tester Extension FltUsr Init1 FT Lic+S&S 12 Mo	D0BI7LL
Rat1 Perf Tester Extension FltUsr SubSq FT Lic+S&S 12 Mo	E0814LL
Rat1 Performance Tester Extension Annual SW S&S Rnw1	E02BULL
Rat1 Performance Tester Extension Lic + SW S&S 12 Mo	D56TBLL
Rat1 Performance Tester Extension SW S&S Reinstate 12 Mo	D56TCLL
Rat1 Performance Tester Extension Term Lic + SW S&S 12 Mo	D56U4LL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester	
Rat1 Performance Tester Per Authorized User Annual SW S&S Rnw1	E01M9LL
Rat1 Performance Tester Per Authorized User Init1 FT Lic+S&S 12 Mo	D59RGLL
Rat1 Performance Tester Per Authorized User Lic + SW S&S 12 Mo	D54LRLL
Rat1 Performance Tester Per Authorized User SW S&S Reinstate 12 Mo	D54LSLL
Rat1 Performance Tester Per Authorized User Subsq FT Lic+S&S 12 Mo	E033YLL
Rat1 Performance Tester Per Authorized User Term License SW S&S (TLA) 12 Mo	D54LWLL
Rat1 Performance Tester Per Floating User Annual SW S&S Rnw1	E01MALL
Rat1 Performance Tester Per Floating User Init1 FT Lic+S&S 12 Mo	D0BHULL
Rat1 Performance Tester Per Floating User Lic + SW S&S 12 Mo	D54LTLL
Rat1 Performance Tester Per Floating User SW S&S Reinstate 12 Mo	D54LULL
Rat1 Performance Tester Per Floating User Subsq FT Lic+S&S 12 Mo	E080TLL
Rat1 Performance Tester Per Floating User Term License SW S&S (TLA) 12 Mo	D54LVLL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension for Citrix Presentation Server	
Rat1 RPT Citrix Present Svr Per Floating User Annual SW S&S Rnw1	E02BVLL
Rat1 RPT Citrix Present Svr Per Floating User Init1 FT Lic+S&S 12 Mo	D0BI8LL
Rat1 RPT Citrix Present Svr Per Floating User Lic + SW S&S 12 Mo	D56TXLL
Rat1 RPT Citrix Present Svr Per Floating User SW S&S Reinstate 12 Mo	D56U3LL
Rat1 RPT Citrix Present Svr Per Floating User Subsq FT Lic+S&S 12 Mo	E0815LL
Rat1 RPT Citrix Present Svr Per Floating User Term License SW S&S (TLA) 12 Mo	D56U5LL

Rational Performance Tester

Part description	Part number
------------------	-------------

IBM Rational Application Performance Analyzer Ratl App Perf Analyzer Per Floating User Annual SW S&S Rnw1	E05WDLL
Ratl App Perf Analyzer Per Floating User Initl FT Lic+S&S 12 Mo	D0BJULL
Ratl App Perf Analyzer Per Floating User Lic + SW S&S 12 Mo	D06KULL
Ratl App Perf Analyzer Per Floating User SW S&S Reinstate 12 Mo	D06KWLL
Ratl App Perf Analyzer Per Floating User Subsq FT Lic+S&S 12 Mo	E082RLL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension for SOA Quality	
Ratl Perf Tester Ext SOA Per Floating User Annual SW S&S Rnw1	E03NDLL
Ratl Perf Tester Ext SOA Per Floating User Initl FT Lic+S&S 12 Mo	D0BJ4LL
Ratl Perf Tester Ext SOA Per Floating User Lic + SW S&S 12 Mo	D60PTLL
Ratl Perf Tester Ext SOA Per Floating User SW S&S Reinstate 12 Mo	D60PULL
Ratl Perf Tester Ext SOA Per Floating User Subsq FT Lic+S&S 12 Mo	E0821LL
Ratl Perf Tester Ext SOA Per Floating User Term License SW S&S (TLA) 12 Mo	D60Q4LL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension for SIP	
Ratl Perf Test EXT SIP Per Floating User Annual SW S&S Rnw1	E041DLL
Ratl Perf Test EXT SIP Per Floating User Initl FT Lic+S&S 12 Mo	D0BJ9LL
Ratl Perf Test EXT SIP Per Floating User Lic + SW S&S 12 Mo	D61HRLL
Ratl Perf Test EXT SIP Per Floating User SW S&S Reinstate 12 Mo	D61HTLL
Ratl Perf Test EXT SIP Per Floating User Subsq FT Lic+S&S 12 Mo	E0826LL
Ratl Perf Test EXT SIP Per Floating User Term License SW S&S (TLA) 12 Mo	D61HWLL

Ratl Service Tester for SOA Quality

Part description	Part number
IBM Rational Service Tester for SOA Quality	
Ratl Service Tester for SOA Per Authorized User Annual SW S&S Rnw1	E03P1LL
Ratl Service Tester for SOA Per Authorized User Initl FT Lic+S&S 12 Mo	D60RDLL
Ratl Service Tester for SOA Per Authorized User Lic + SW S&S 12 Mo	D60RALL
Ratl Service Tester for SOA Per Authorized User SW S&S Reinstate 12 Mo	D60RBLL
Ratl Service Tester for SOA Per Authorized User Subsq FT Lic+S&S 12 Mo	E03P2LL
Ratl Service Tester for SOA Per Authorized User Term License SW S&S (TLA)	D60R5LL
Ratl Service Tester for SOA Per Floating User Annual SW S&S Rnw1	E03MNLL
Ratl Service Tester for SOA Per Floating User Initl FT	D0BJ1LL

Lic+S&S 12 Mo		
Ratl Service Tester for SOA Per Floating User Lic + SW S&S 12 Mo		D60NHLL
Ratl Service Tester for SOA Per Floating User SW S&S Reinststate 12 Mo		D60NILL
Ratl Service Tester for SOA Per Floating User Subsq FT Lic+S&S 12 Mo		E081YLL
Ratl Service Tester for SOA Per Floating User Term License SW S&S (TLA) 12		D60NSLL

Passport Advantage trade-up licenses

Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
IBM Rational Application Performance Analyzer Competitive	Ratl App Perf Analyzer Flt User from Competitive Trdup Lic + SW S&S 12 Mo	D06M4LL

Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
IBM Rational Performance Tester Extension for Citrix Presentation Server Competitive	Ratl Perf Test Ext Citrix Fl User from Competitive Trdup Lic + SW S&S 12 Mo	D59T0LL

Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
IBM Rational Performance Tester Extension for SIP Competitive	Rtl Performance Test Ext SIP frm Competitive Fltur Trdup Lic + SW S&S 12 Mo	D61HVLL

Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
IBM Rational Performance Tester Extension for SOA Quality Competitive	Ratl Perf Test Ext SOA Float Usr from Competitive Trdup Lic + SW S&S 12 Mo	D60PVLL

Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
IBM Rational Performance Tester Extension for Siebel Test Automation Competitive	Ratl Perf Test Ext Siebel Fl User from Competitive	D59SSLL

Trdup Lic + SW S&S 12 Mo

Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
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IBM Rational Performance Tester

Rat1 Perfctest AU User	Rat1 Perfctest Fl User from Rat1 Perfctest AU User Trdup Lic + SW S&S 12 Mo	D54MZLL
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Rational Performance Tester

Precursor product	Trade-up product	Trade-up part number
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IBM Rational Performance Tester Extension

Competitive	Rat1 Perf Test Ext SAP Fl User from Competitive Trdup Lic + SW S&S 12 Mo	D59T1LL
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Rat1 Service Tester for SOA Quality

Precursor product	Trade-up product	Trade-up part number
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IBM Rational Service Tester for SOA Quality

Competitive	Rat1 Service Tester SOA from Competitive Auth User Trdup Lic + SW S&S 12 Mo	D60RCLL
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Competitive	Rat1 Service Tester SOA from Competitive Flt User Trdup Lic + SW S&S 12 Mo	D60NJLL
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Passport Advantage supply

Program name/description	Part number
Rat1 Performance Tester V8.3.0	
IBM Rational Performance Tester V8.3 Multiplatform Multilingual Media Pack	BT0HQML
Rat1 Service Tester for SOA V8.3.0	
IBM Rational Service Tester for SOA Quality V8.3 MP Multilingual Media Pack	BT0HRML

Passport Advantage customer: Media pack entitlement details

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

Rat1 Performance Tester V8.3.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Performance Tester Extension Floating User	IBM Rational Performance Tester V8.3 Multiplatform Multilingual Media Pack	BT0HQML
IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User	IBM Rational Performance Tester V8.3 Multiplatform Multilingual Media Pack	BT0HQML
Rational Performance	IBM Rational Performance	BT0HQML

Tester Authorized User	Tester V8.3 Multiplatform Multilingual Media Pack	
Rational Performance Tester Floating User	IBM Rational Performance Tester V8.3 Multiplatform Multilingual Media Pack	BTOHQML

Ratl Service Tester for SOA V8.3.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Service Tester for SOA Quality For Floating User	IBM Rational Service Tester for SOA Quality V8.3 MP Multilingual Media Pack	BT0HRML
IBM Rational Service Tester for SOA Quality For Floating User zSeries®	IBM Rational Service Tester for SOA Quality V8.3 MP Multilingual Media Pack	BT0HRML
IBM Rational Service Tester for SOA Quality for Authorized User	IBM Rational Service Tester for SOA Quality V8.3 MP Multilingual Media Pack	BT0HRML
IBM Rational Service Tester for SOA Quality for Authorized User zSeries	IBM Rational Service Tester for SOA Quality V8.3 MP Multilingual Media Pack	BT0HRML

Cross-platform products

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

Rational Performance Tester

Part description	Part number
IBM Rational Application Performance Analyzer Ratl App Perf Analyzer Per Float.User for System z Annual SW S&S Rnw1	E05WHLL
Ratl App Perf Analyzer Per Float.User for System z Initl FT Lic+S&S 12 Mo	D0BJVLL
Ratl App Perf Analyzer Per Float.User for System z Lic + SW S&S 12 Mo	D06L2LL
Ratl App Perf Analyzer Per Float.User for System z SW S&S Reinstate 12 Mo	D06L3LL
Ratl App Perf Analyzer Per Float.User for System z Subsq FT Lic+S&S 12 Mo	E082SLL

Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension for SOA Quality Ratl Perf Tester Ext SOA Per Float.User for System z Annual SW S&S Rnw1	E03NCLL
Ratl Perf Tester Ext SOA Per Float.User for System z Initl FT Lic+S&S 12 Mo	D0BJ5LL
Ratl Perf Tester Ext SOA Per Float.User for System z Lic + SW S&S 12 Mo	D60PQLL
Ratl Perf Tester Ext SOA Per Float.User for System z SW S&S Reinstate 12 Mo	D60PRLL

Ratl Perf Tester Ext SOA Per Float.User for System z Subsq FT Lic+S&S 12 Mo	E0822LL
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Rational Performance Tester

Part description	Part number
IBM Rational Performance Tester Extension for SIP Ratl Perf Test EXT SIP Per Float.User for System z Annual SW S&S Rnw1	E041CLL
Ratl Perf Test EXT SIP Per Float.User for System z Initl FT Lic+S&S 12 Mo	D0BJALL
Ratl Perf Test EXT SIP Per Float.User for System z Lic + SW S&S 12 Mo	D61HQLL
Ratl Perf Test EXT SIP Per Float.User for System z SW S&S Reinstate 12 Mo	D61HSL
Ratl Perf Test EXT SIP Per Float.User for System z Subsq FT Lic+S&S 12 Mo	E0827LL

Ratl Service Tester for SOA Quality

Part description	Part number
IBM Rational Service Tester for SOA Quality Ratl Service Tester for SOA Per Auth.User for System z Annual SW S&S Rnw1	E03NYLL
Ratl Service Tester for SOA Per Auth.User for System z Initl FT Lic+S&S 12	D0BJ3LL
Ratl Service Tester for SOA Per Auth.User for System z Lic + SW S&S 12 Mo	D60R2LL
Ratl Service Tester for SOA Per Auth.User for System z SW S&S Reinstate 12	D60R3LL
Ratl Service Tester for SOA Per Auth.User for System z Subsq FT Lic+S&S 12	E0820LL
Ratl Service Tester for SOA Per Float.User for System z Annual SW S&S Rnw1	E03MMLL
Ratl Service Tester for SOA Per Float.User for System z Initl FT Lic+S&S 1	D0BJ2LL
Ratl Service Tester for SOA Per Float.User for System z Lic + SW S&S 12 Mo	D60NELL
Ratl Service Tester for SOA Per Float.User for System z SW S&S Reinstate 1	D60NFL
Ratl Service Tester for SOA Per Float.User for System z Subsq FT Lic+S&S 1	E081ZLL

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.

Trade-up licenses for cross-platform products

Rational Performance Tester

Precursor product	Trade-up product	Part number
IBM Rational Application Performance Analyzer Competitive	Ratl App Perf Analyzer Flt Usr fr Competitive Sys Z Trdup Lic + SW S&S 12 Mo	D06M3LL

Rational Performance Tester

Precursor product	Trade-up product	Part number
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