# IBM Rational Software Architect simplifies team-based software design, collaboration, and lifecycle integration with new and enhanced Jazz-based Design Management capabilities

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## At a glance

This release integrates Rational® Software Architect into the Rational Solution for Collaborative Lifecycle Management (CLM) through enhanced Design Management capabilities. This allows teams to easily:

- Manage design changes.

- Collaborate on designs.

- Establish traceability with requirements.

- Understand the impact of a requirement or design change.

- Document designs.

## Overview

Rational Software Architect Design Management capability makes it easy for teams to manage their designs, collaborate on designs with peers and stakeholders, and integrate software design into their Application Lifecycle Management (ALM) solution.

This announcement covers an update to Rational Software Architect (Software Announcement ZP12-0270, dated June 4, 2012 ) to add new Jazz-based Design Management V4.0 capabilities that complement the extensive design capability in the Rational Software Architect client.

These new and enhanced design management capabilities work with both Version 8.5 and Version 8.0.4.1 of the Rational Software Architect client and enable teams to:

- Reduce design time using the new design configuration management support that provides simplified change control for designs, and reduces the chances of change conflicts.
- Improve quality by collaborating on designs with peers and other stakeholders.
- Establish traceability between designs, requirements, change requests, test cases, and test plans; making it easier for stakeholders to quickly find the latest design related to their work.
- Know the impact of a design change or the impact of a requirement change on the design through a visual impact analysis.

- Keep an active repository or their designs allowing teams members to access the latest designs from either the Rational Software Architect client or using a web client.
- Quickly search designs from current and past projects to find reusable design components.
- Reduce the time required to meet regulatory and contractual requirements by automating the generation of designs documents based on templates or create live design documents as part of your project.
- Reduce administration time and costs with common user administration and lifecycle projects across Rational Team Concert™ , Rational Requirements Composer, Rational Quality Manager, and Rational Software Architect.

This update to Rational Software Architect adds new role-based offerings: Rational Software Architect Designer and Rational Software Architect Designer for WebSphere® Software. It provides a complete design solution that includes the client authoring, validation, and transformation capabilities and the Jazz-based server design management capabilities.

Existing users of Rational Software Architect can add the Design Management capability through the Rational Software Architect Extensions for Design Management (previously named Rational Software Architect Design Manager).

A new Contributor role is added to Rational Software Architect that allows extended team members to collaborate on the software designs. This Contributor role also provides full access to work items, planning, reporting, and read access (view and comment) to requirements and test artifacts from Rational Requirements Composer and Rational Quality Manager.

The Rational Software Architect Design Reviewer role is withdrawn from market (Software Announcement ZP12-0476, dated September 4, 2012 ) . Existing Rational Software Architect Design Reviewer users can continue to use these licenses with the new Design Management V4.0 server. New users should use the Rational Software Architect Contributor role for extended team members who need to collaborate on software designs.

## Key prerequisites

For details, refer to the Hardware requirements and the Software requirements sections in Software Announcement ZP12-0270, dated June 4, 2012. .

## Planned availability date

- September 7, 2012: Electronic availability
- September 14, 2012: Media availability

Refer to the complete letter for national language availability.

## Description

This update to Rational Software Architect adds new and enhanced Design Management V4.0 capabilities. The design repository, collaboration, lifecycle traceability, and document generation capabilities from the Design Management V3.0 release are significantly enhanced. New capabilities in Design Management V4.0 include integration with:

- Rational Solution for Collaborative Lifecycle Management
- Design Configuration Management
- Lifecycle Integrations
- Impact analysis

- Searching
- Reporting and document generation
- Extensibility

The Jazz-based Design Management server uses role-based licensing. Two roles are defined for Rational Software Architect: Designer and Contributor. The Designer role is for architects and designers who need full access to the Design Management server. This includes the ability to edit designs and setup design reviews. The Contributor role is for extended team members who need to collaborate on designs and do not already have one of the other Collaborative Lifecycle Management roles ( Rational Team Concert Developer, Rational Requirements Composer Analyst, or Rational Quality Manager Quality Professional).

The Designer role is included with any of the following:

- Rational Software Architect Designer (also include the Rational Software Architect client)
- Rational Software Architect Designer for WebSphere Software (also includes the Rational Software Architect for WebSphere client)
- Rational Software Architect Extension for Design Management

The Rational Software Architect Design Management V4.0 server can be used with both the Rational Software Architect V8.0.4.x or V8.5 client.

**Collaborative Lifecycle Management Integration**

The Design Management V4.0 server provides tight integration with the Rational solution for Collaborative Lifecycle Management (CLM). This integration makes it easier to manage and administer a combined solution.

Features

- Cross-role licensing that allows users with a CLM license (Developer, Analyst, Quality Professional, or Contributor) to collaborate on designs with access to viewing, searching, commenting, markup, and document generation capabilities.
- The Rational Software Architect Designer role that has read and write access to work items and planning from the Jazz™ Change and Configuration Management application and read access to requirements and quality artifacts from Rational Requirements Composer and Rational Quality Manager.
- Ability to share a Jazz Team Server between the Rational Software Architect Design Management server, Rational Team Concert , Rational Requirements Composer, and Rational Quality Manager; ability for users to define and manage in a single location.
- Inclusion of Design Management project areas in Lifecycle Projects; making it easier for teams to get up and running and manage team membership across the lifecycle domains (design, requirements, change and configuration, and quality management).
- Expanded Money That Matters scenario that includes design artifacts; Ability to make it easier to learn and try out Collaborative Lifecycle Management with Design.

**Design Configuration Management**

The Design Management V4.0 server allows designs to be directly edited from the Rational Software Architect desktop client and provides design-based, configuration management to manage changes. This is ideal for teams that want a simplified configuration management solution for their Rational Software Architect models; eliminating the need to map Rational Software Architect models into.emx files and fragments and manage changes using a file-based Software Configuration Management (SCM) system.

Alternatively, teams can continue to have their designs managed in an Software Configuration Management system and have those designs imported into the server to leverage all the other design management capabilities. The decision to use

import or have the Design Management server manage changes can be made on an individual project area basis.

Features

- Serial and parallel configuration management for designs
- Change control operations, such as locking and unlocking, that are aware of the design structure as opposed to file-based operations
- Change sets that allow multiple design changes to be grouped together and managed as a logical unit. Design change sets can be associated with a work item for additional traceability
- The ability to view the change history for a design resource
- Graphical compare and merge support

**Lifecycle integrations**

This release adds traceability between requirements and designs with Open Services for Lifecycle Collaboration (OSLC) linking. Links can be created from a requirement to design resource or from a design resource to a requirement and be visible on both sides.

Traceability links between requirements and designs are visible from each resource as well as the new Design Management Impact Analysis view, the Rational Requirements Composer project view and trace link explorer, and generated documents to assist teams in discovering related artifacts and performing coverage and impact analysis.

**Impact analysis**

New impact analysis capabilities are added to the Design Management server to help teams understand the impacts of a design change. Additionally, design elements linked to requirements will show up in Rational Requirements Composer trace link explorer and Traceability Report documents.

Features

- Create a visual impact analysis diagram starting from a selected model element and showing all related model elements and the first level of OSLC linked resources.
- Users can interactively review the generated diagram adding elements, removing elements, and saving the diagram.

**Searching**

The Design Management server provides a quick search capability that allows for text-based searching across designs from multiple projects areas as well as a more formal query-based searching that understands the underlying model structure. Queries are constructed visually and can be saved for later reuse.

**Web-based sketching**

Sketching provides a quick way to capture and collaborate on design ideas. Users can now create sketching diagrams as part of a Design Management project area and edit the sketch from the web client or within Rational Software Architect using the embedded Web client. Sketches benefit from all the other Design Management capabilities such as configuration management, lifecycle traceability, and document generation.

**Reporting and document generation**

The Design Management V4.0 server offers a range of options for creating and managing design documents:

- Including live design documents that can be added to a Design Management project area and edited through the web client using rich text. Design documents can embedded links to diagrams which are visualized as part of the document.
- Generating documents on the Design Management server using the new Rational Reporting for Document Generation support. Documents can be generated from predefined templates included with the server or from custom templates authored using Rational Publishing Engine Document Studio (purchased separately).
- Generating documents with Rational Publishing Engine (purchased separately) and accessing designs, comments, and OSLC linked data from the Design Management server.

**Extensibility**

A new Domain Toolkit is added to the Design Management server that enables server side extensibility. It allows teams and business partners to define custom design domains.

Features

- Define new domains through an ontology editor.
- Model validation by specifying live and batch model constraints and data validation rules using the SPARQL Protocol and RDF Query Language.
- Create and edit model instances using forms generated from the domain ontology.

## Availability of national languages

| Product description | Language | General availability date |
|---|---|---|
| Rational Software Architect Designer for WebSphere Software V8.5.0 | Multilingual (French, Korean, Chinese-Simplified, Portuguese-Brazilian, German, Japanese, Chinese-Traditional, Spanish, Hungarian, English, Italian) | September 14, 2012 |
| Rational Software Architect Extension for Design Management V8.5.0 | Multilingual (French, Korean, Chinese-Simplified, Portuguese-Brazilian, German, Spanish, Chinese-Traditional, Hungarian, Japanese, English, Italian) | September 14, 2012 |
| Rational Software Architect Designer V8.5.0 | Multilingual (French, Korean, Chinese-Simplified, Portuguese-Brazilian, Spanish, German, Japanese, Chinese-Traditional, Hungarian, English, Italian) | September 14, 2012 |

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Rational Software Architect    Multilingual              July 6, 2012
for WebSphere Software         (French, Korean,
V8.5.0                          Chinese-Simplified,
                                Portuguese-Brazilian,
                                Spanish, German,
                                Chinese-Traditional,
                                Japanese, Hungarian,
                                English,  Italian)
Rational Software Architect    Multilingual              July 6, 2012
 V8.5.0                         (French, Korean,
                                Chinese-Simplified,
                                Portuguese-Brazilian,
                                Spanish, German, Japanese,
                                Chinese-Traditional,
                                Hungarian, English,
                                Italian)
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## Program number

```
Program
number     VRM         Program name

5725-A30   8.5.0       IBM® Rational Software Architect
5724-I70   8.5.0       IBM Rational Software Architect
                        for WebSphere Software
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## 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

### 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.

## Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit

http://www-306.ibm.com/software/support/pa.html

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 Deployment Automation Content Pack for RAFW and WAS | Design and Construction | Design and Construction |
| IBM Rational Software Architect | Design and Construction | Design and Construction |
| IBM Rational Software Architect Contributor | Design and Construction | Design and Construction |
| IBM Rational Software Architect Designer | Design and Construction | Design and Construction |
| IBM Rational Software Architect Designer for WebSphere Software | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for C++ | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for Communications Applications | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for Deployment Automation Planning | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for SOA and Web Applications | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for Design Management | Design and Construction | Design and Construction |
| IBM Rational Software Architect Simulation Toolkit | Design and Construction | Design and Construction |
| IBM Rational Software Architect for WebSphere Software | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for Deployment Planning | Design and Construction | Design and Construction |
| IBM Rational Software Architect Extension for Integrated Architecture Frameworks | Design and Construction | Design and Construction |

### 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 an 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.

**Install**

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

**Passport Advantage program licenses**

**Rational Software Architect**

| Part description | Part number |
|---|---|
| IBM Rational Software Architect Extension for Deployment Automation Planning | |
| Ratl SA Ext for Deployment Auto Planning Auth Usr Annual SW S&S Rnwl | E0B98LL |
| Ratl SA Ext for Deployment Auto Planning Auth Usr Initl FT Lic+S&S 12 Mo | D0HKNLL |
| Ratl SA Ext for Deployment Auto Planning Auth Usr Lic + SW S&S 12 Mo | D0HK4LL |
| Ratl SA Ext for Deployment Auto Planning Auth Usr SW S&S Reinstate 12 Mo | D0HK5LL |
| Ratl SA Ext for Deployment Auto Planning Auth Usr SubSq FT Lic+S&S 12 Mo | E0B9LLL |
| Ratl SA Ext for Deployment Auto Planning FltUsr SI Annual SW S&S Rnwl | E0B96LL |
| Ratl SA Ext for Deployment Auto Planning FltUsr SI Initl FT Lic+S&S 12 Mo | D0HKLLL |
| Ratl SA Ext for Deployment Auto Planning FltUsr SI Lic + SW S&S 12 Mo | D0HK0LL |
| Ratl SA Ext for Deployment Auto Planning FltUsr SI SW S&S Reinstate 12 Mo | D0HK1LL |
| Ratl SA Ext for Deployment Auto Planning FltUsr SI SubSq FT Lic+S&S 12 Mo | E0B9JLL |
| IBM Rational Software Architect Extension for C++ | |
| Ratl SA Extension for C++ Authorized User Annual SW S&S Rnwl | E08XFLL |
| Ratl SA Extension for C++ Authorized User Initl FT Lic+S&S 12 Mo | D0DB4LL |
| Ratl SA Extension for C++ Authorized User Lic + SW S&S 12 Mo | D0DAYLL |
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| Ratl SA Extension for C++ Authorized User SubSq FT Lic+S&S 12 Mo | E08XJLL |
| Ratl SA Extension for C++ FloatUser Single Install Annual SW S&S Rnwl | E08XDLL |
| Ratl SA Extension for C++ FloatUser Single Install Initl FT Lic+S&S 12 Mo | D0DB2LL |
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| Ratl SA Extension for C++ FloatUser Single Install SubSq FT Lic+S&S 12 Mo | E08XHLL |
| IBM Rational Software Architect Extension for Deployment Planning | |
| RATL SA Ext for Deployment Planning Auth User Annual SW S&S Rnwl | E08YKLL |
| RATL SA Ext for Deployment Planning Auth User Initl FT Lic+S&S 12 Mo | D0DCQLL |
| RATL SA Ext for Deployment Planning Auth User Lic + SW S&S 12 Mo | D0DCJLL |
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| RATL SA Ext for Deployment Planning FU SI Annual SW S&S Rnwl | E08YILL |

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IBM Rational Deployment Automation Content Pack for
 RAFW and WebSphere Application Server
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 S&S Rnwl
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IBM Rational Software Architect Designer
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## Rational Software Architect for Websphere

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 Initl FT Lic+S&S 12 Mo
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 SubSq FT Lic+S&S 12 Mo
IBM Rational Software Architect Designer for WebSphere Software
Rational Software Architect Designer WS SW AUSI Annual    E0DV0LL
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## Passport Advantage trade-up licenses

## Rational Software Architect

| Precursor product | Trade-up product | Trade-up part number |
|---|---|---|
| IBM Rational Software Architect Extension for SOA and Web Applications | | |
| Ratl Software Architect Extension for SOA and WS AU | RSA Ext for SOA and Web Appl FUSI fr Auth User Trdup Lic + SW S&S 12 Mo | D0DYQLL |
| Competitive | RSA Ext for SOA and Web Appl FUSI fr Competitive Trdup Lic + SW S&S 12 Mo | D0DYPLL |
| Competitive | RSA Ext for SOA&Web Appl Auth User fr Competitive Trdup Lic + SW S&S 12 Mo | D0DYXLL |
| Rational Application Developer Standard Edition | Ratl SA Extension for SOA&WA AU from RAD SE AU Trdup Lic + SW S&S 12 Mo | D0H7WLL |
| Rational Application Developer Standard Edition | Ratl SA Extension for SOA&WA FU SI fr RAD SE FU SI Trdup Lic + SW S&S 12 Mo | D0H7ULL |
| IBM Rational Software Architect Extension for Communications Applications | | |
| Competitive | RSA Ext for Communications App AU fr Competitive Trdup Lic + SW S&S 12 Mo | D0DZ7LL |
| Ratl Software Architect Extension for Communications Applications AU | RSA Ext for Communications App FUSI fr Auth User Trdup Lic + SW S&S 12 Mo | D0DZ4LL |
| Competitive | RSA Ext for Communications App FUSI fr Competitive Trdup Lic + SW S&S 12 Mo | D0DZ3LL |
| IBM Rational Software Architect Designer | | |
| IBM Rational Software Architect Designer | RSA Designer FUSI from RSA Designer AUSI Trdup Lic + SW S&S 12 Mo | D0PW3LL |
| IBM Rational Software Architect | | |
| Competitive | RSA Authorized User from Competitive Auth User Trdup Lic + SW S&S 12 Mo | D0DXSLL |
| Rational Software Architect Authorized User | RSA Floating User Single Install from Auth User Trdup Lic + SW S&S 12 Mo | D0DXELL |
| Competitive | RSA Floating User Single Install from Competitive Trdup Lic + SW S&S 12 Mo | D0DXDLL |
| Rational Rose Developer for Java™ | Ratl SA Auth User from Rose Developer for Java Trdup Lic + SW S&S 12 Mo | D0DXULL |
| Rational Rose Developer for Visual Studio | Ratl SA AuthUsr fr Rose Developer for VisualStudio Trdup Lic + SW S&S 12 Mo | D0DXVLL |
| Rational Rose Modeler | Ratl SA Authorized User fr Rose Modeler Auth User Trdup Lic + SW S&S 12 Mo | D0DXTLL |
| Rational Rose Enterprise | Ratl SA Authorized User from Rose Enterprise Trdup Lic + SW S&S 12 Mo | D0DXWLL |

| | | |
|---|---|---|
| Rational Rose Developer for Java | Ratl SA FU Single Inst fr Rose Developer for Java Trdup Lic + SW S&S 12 Mo | D0DXGLL |
| Rational Rose Developer for Visual Studio | Ratl SA FUSI from Rose Developer for Visual Studio Trdup Lic + SW S&S 12 Mo | D0DXHLL |
| Rational Rose Unix | Ratl SA Float User Single Install from Rose Unix Trdup Lic + SW S&S 12 Mo | D0DXJLL |
| Rational Rose Modeler | Ratl SA FloatUsr Single Install fr Rose Modeler FL Trdup Lic + SW S&S 12 Mo | D0DXFLL |
| Rational Rose Enterprise | Ratl SA FltUsr Single Install from Rose Enterprise Trdup Lic + SW S&S 12 Mo | D0DXILL |
| IBM Rational Software Architect Extension for Integrated Architecture Frameworks | | |
| Competitive | RSA Ext for IAF Auth User from Competitive Trdup Lic + SW S&S 12 Mo | D0DY6LL |
| RSA Ext for Intgr Arch Frameworks Auth User | RSA Ext for Intgr Arch Frameworks FUSI fr AuthUser Trdup Lic + SW S&S 12 Mo | D0DY3LL |
| Competitive | RSAExt for IntgrArch Frameworks FUSI frCompetitive Trdup Lic + SW S&S 12 Mo | D0DY2LL |
| IBM Rational Software Architect Simulation Toolkit | | |
| Competitive | RSA Simulation Toolkit Auth User from Competitive Trdup Lic + SW S&S 12 Mo | D0DZHLL |
| Ratl Software Architect Simulation Toolkit Auth User | RSA Simulation Toolkit FUSI from Auth User Trdup Lic + SW S&S 12 Mo | D0DZALL |
| Competitive | RSA Simulation Toolkit FUSI from Competitive Trdup Lic + SW S&S 12 Mo | D0DZ9LL |
| IBM Rational Software Architect Extension for Deployment Planning | | |
| Competitive | RSA Ext for DeploymentPlanning AU from Competitive Trdup Lic + SW S&S 12 Mo | D0DYELL |
| RSA Ext for Deployment Planning Auth User | RSA Ext for DeploymentPlanning FUSI fr Auth User Trdup Lic + SW S&S 12 Mo | D0DY9LL |
| Competitive | RSA Ext for DeploymentPlanning FUSI fr Competitive Trdup Lic + SW S&S 12 Mo | D0DY8LL |
| IBM Rational Software Architect Extension for C++ | | |
| Ratl Software Architect Extension for C++ Auth User | RSA Ext for C++ FU Single Install from Auth User Trdup Lic + SW S&S 12 Mo | D0DYJLL |
| Competitive | RSA Ext for C++ FU Single Install from Competitive Trdup Lic + SW S&S 12 Mo | D0DYILL |
| Competitive | RSA Extension for C++ Auth User from Competitive Trdup Lic + SW S&S 12 Mo | D0DYMLL |
| IBM Rational Software Architect Extension for Deployment Automation Planning | | |
| Ratl Software Architect Extension for Deployment Automation Planning Auth User | Ratl SA Ext for Dplymnt Auto Planning FUSI fr AU Trdup Lic + SW S&S 12 Mo | D0HM7LL |
| IBM Rational Software Architect Extension for Design Management | | |
| IBM Rational Software Architect Contributor | RSA Ext DM AUSI from RSA Contributor AUSI Trdup Lic + SW S&S 12 Mo | D0PWCLL |

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IBM Rational Software       RSA Ext DM FUSI from RSA     D0PWXLL
  Architect Contributor       Contributor FUSI Trdup Lic
                              + SW S&S 12 Mo
Rational Software           RSA Ext Design Mgmt FU       D0JZBLL
  Architect Design Manager    Single Install from AUSI
  Authorized User Single      Trdup Lic + SW S&S 12 Mo
  Install
IBM Rational Software Architect Contributor
IBM Rational Software       RSAContributorFUSI from      D0TELLL
  Architect Contributor       RSAContributorAUSI Trdup
                              Lic + SW S&S 12 Mo
IBM Rational Deployment Automation Content Pack for RAFW and
WebSphere Application Server
Ratl Deployment Auto        Ratl DA Content Pack for     D0HM9LL
  Content Pack for RAFW and   RAFW and WAS FU SI fr AU
  WAS Auth User               Trdup Lic + SW S&S 12 Mo
```

## Rational Software Architect for Websphere

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IBM Rational Software Architect Designer for WebSphere Software
IBM Rational Software       RSA Designer WS FUSI from    D0PW0LL
  Architect Designer for      RSA WS Designer AUSI Trdup
  WebSphere Software          Lic + SW S&S 12 Mo
IBM Rational Software Architect for WebSphere Software
Ratl Rose Enterprise with   RSA4WS AU fr Rose Ent or     D54MNLL
  Competitive IDE User        Dev Unix AU w/Comp IDE
                              Trdup Lic + SW S&S 12 Mo
Ratl Rose Enterprise        RSA4WS AU fr Rose Ent/Rose   D54LMLL
                              Dev Unix AU Trdup Lic + SW
                              S&S 12 Mo
Ratl Rose for Java with     RSA4WS AU fr Rose Java AU     D54MMLL
  Competitive IDE User        w/Comp IDE Trdup Lic + SW
                              S&S 12 Mo
Ratl Rose for Java or RSA    RSA4WS AU fr Rose Java or    D54LLLL
  Standard Edition AU         RSA SE AU Trdup Lic + SW
                              S&S 12 Mo
Ratl Rose Modeler           RSA4WS AU fr Rose Mod or      D54LKLL
                              RSM AU Trdup Lic + SW S&S
                              12 Mo
Ratl Rose for Visual        RSA4WS AU fr Rose VS AU       D54LNLL
  Studio AU                   Trdup Lic + SW S&S 12 Mo
Ratl Application Developer   RSA4WS AthUsr fr WSAD Usr    D54MLLL
  or WSAD                     or RAD AthUsr Tdup Lic +
                              SW S&S 12 Mo
Competitive                 RSA4WS AthUsr from            D54LPLL
                              Competitive Trdup Lic + SW
                              S&S 12 Mo
Ratl Rose Enterprise or     RSA4WS FU SI fr Rose Ent      D0528LL
  Developer for UNIX™ FL       or Dev Unix FU SI User
                              Trdup Lic + SW S&S 12 Mo
Ratl Rose for Java with     RSA4WS FU SI fr Rose Java     D54MILL
  Competitive IDE User        FU SI w/Comp IDE Trdup Lic
                              + SW S&S 12 Mo
Ratl Rose for Java or RSA    RSA4WS FU SI fr Rose         D54LDLL
  Standard Edition FL         Java/RSD SE FU SI Trdup
                              Lic + SW S&S 12 Mo
Ratl Rose Modeler           RSA4WS FU SI fr Rose          D54LCLL
                              Modeler/RSM FU SI Trdup
                              Lic + SW S&S 12 Mo
Ratl Rose for Visual        RSA4WS FU SI fr Rose          D54LFLL
  Studio FL                   Visual Studio FU SI Trdup
                              Lic + SW S&S 12 Mo
Ratl Rose XDE® Plus         RSA4WS FU SI fr Rose XDE      D54LELL
                              Plus/Rose Ent FU SI Trdup
                              Lic + SW S&S 12 Mo
Ratl Rose Enterprise or     RSA4WS FUSI f Rose Ent or     D54MJLL
  Dev for Unix with           Dev Unix FUSI w/Comp IDE
  Competitive IDE User        Trdup Lic + SW S&S 12 Mo
Competitive                 RSA4WS FltUsr SI from         D54LGLL
                              Competitive Trdup Lic + SW
                              S&S 12 Mo
Ratl Application Developer   RSA4WS FltUsr SI from RAD     D54MHLL
                              FltUsr SI Trdup Lic + SW
                              S&S 12 Mo
```

```
Ratl Software Architect      RSA4WS FltUsr SI from SW    D54MKLL
  for WebSphere Authorized     Architect AthUsr Trdup Lic
  User                         + SW S&S 12 Mo
Rational Application         Ratl SA for WS Auth User    D0H7YLL
  Developer Standard Edition   from RAD SE Trdup Lic + SW
                               S&S 12 Mo
Rational Application         Ratl SA for WS FU Single    D0H80LL
  Developer Standard Edition   Install from RAD SE Trdup
                               Lic + SW S&S 12 Mo
```

## Passport Advantage supply

```
Program name/description                               Part
                                                       number


RSA Designer for WS SW V8.5.0
Rational Software Architect Designer for WS Software    BT0HPML
  V8.5 MP ML Media Pack
RSA Ext for Design Mgmt V4.0.0
Rational Software Architect Design Management Server    BT0HNML
  V4.0 MP ML Media Pack
Ratl SW Architect Designer V8.5.0
IBM Rational Software Architect Designer V8.5 MP        BT0HMML
  Multilingual Media Pack
Ratl SW Architect for WS SW V8.5.0
Rational Software Architect for WS Software V8.5 MP ML  BT0H9ML
  Media Pack
```

## 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.

### Rational Software Architect Designer V8.5.0

```
Entitled maintenance      Media packs description    Part
offerings description                                number

IBM Rational Software     IBM Rational Software       BT0HMML
  Architect Designer per    Architect Designer V8.5 MP
  Authorized User Single    Multilingual Media Pack
  Install
IBM Rational Software     IBM Rational Software       BT0HMML
  Architect Designer per    Architect Designer V8.5 MP
  Authorized User Single    Multilingual Media Pack
  Install for System z
IBM Rational Software     IBM Rational Software       BT0HMML
  Architect Designer per    Architect Designer V8.5 MP
  Floating User Single      Multilingual Media Pack
  Install
IBM Rational Software     IBM Rational Software       BT0HMML
  Architect Designer per    Architect Designer V8.5 MP
  Floating User Single      Multilingual Media Pack
  Install for System z
```

### Rational Software Architect for WebSphere Software V8.5.0

```
IBM Rational Software     Rational Software           BT0H9ML
  Architect for WebSphere   Architect for WS Software
  Software Floating User    V8.5 MP ML Media Pack
  Single Install
IBM Rational Software     Rational Software           BT0H9ML
  Architect for WebSphere   Architect for WS Software
  Software Floating User    V8.5 MP ML Media Pack
  Single Install for System
  z
Rational Software         Rational Software           BT0H9ML
  Architect for WebSphere   Architect for WS Software
  per Authorized User       V8.5 MP ML Media Pack
Rational Software         Rational Software           BT0H9ML
  Architect for WebSphere   Architect for WS Software
  per Authorized User for   V8.5 MP ML Media Pack
  System z
```

## Rational Software Architect V8.5.0

| | | |
|---|---|---|
| IBM Rational Software Architect per Authorized User | Rational Software Architect V8.5 Multiplatform Multilingual Media Pack | BT0H7ML |
| IBM Rational Software Architect per Authorized User for System z® | Rational Software Architect V8.5 Multiplatform Multilingual Media Pack | BT0H7ML |
| IBM Rational Software Architect per Floating User Single Install | Rational Software Architect V8.5 Multiplatform Multilingual Media Pack | BT0H7ML |
| IBM Rational Software Architect per Floating User Single Install for System z | Rational Software Architect V8.5 Multiplatform Multilingual Media Pack | BT0H7ML |

## Rational Software Architect Extension for Design Management V8.5.0

| | | |
|---|---|---|
| IBM Rational Software Architect Contributor per Authorized User Single Install | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Contributor per Authorized User Single Install for System z | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Contributor per Floating User Single Install | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Contributor per Floating User Single Install for System z | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Extension for Design Management per Authorized User Single Install | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Extension for Design Management per Authorized User Single Install System z | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Extension for Design Management per Floating User Single Install | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |
| IBM Rational Software Architect Extension for Design Management per Floating User Single Install System z | Rational Software Architect Design Management Server V4.0 MP ML Media Pack | BT0HNML |

## Rational Software Architect Designer for WebSphere Software V8.5.0

| | | |
|---|---|---|
| IBM Rational Software Architect Designer for WebSphere Software per Authorized User Single Install | Rational Software Architect Designer for WS Software V8.5 MP ML Media Pack | BT0HPML |
| IBM Rational Software Architect Designer for WebSphere Software per Authorized User Single Install for System z | Rational Software Architect Designer for WS Software V8.5 MP ML Media Pack | BT0HPML |
| IBM Rational Software Architect Designer for WebSphere Software per Floating User Single Install | Rational Software Architect Designer for WS Software V8.5 MP ML Media Pack | BT0HPML |

```
IBM Rational Software        Rational Software         BT0HPML
 Architect Designer for       Architect Designer for WS
 WebSphere Software per        Software V8.5 MP ML Media
 Floating User Single         Pack
 Install for System z
```

## 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 Software Architect

```
Part description                                         Part
                                                         number


IBM Rational Software Architect Extension for
 Deployment AutomationPlanning
Ratl SA Ext for Deployment Auto Planning AU Sysz Annual  E0B99LL
 SW S&S Rnwl
Ratl SA Ext for Deployment Auto Planning AU Sysz Initl   D0HKQLL
 FT Lic+S&S 12 Mo
Ratl SA Ext for Deployment Auto Planning AU Sysz Lic +   D0HK6LL
 SW S&S 12 Mo
Ratl SA Ext for Deployment Auto Planning AU Sysz SW S&S  D0HK7LL
 Reinstate 12 Mo
Ratl SA Ext for Deployment Auto Planning AU Sysz SubSq   E0B9NLL
 FT Lic+S&S 12 Mo
Ratl SA Ext for Deployment Auto Planning FUSI Sysz       E0B97LL
 Annual SW S&S Rnwl
Ratl SA Ext for Deployment Auto Planning FUSI Sysz       D0HKMLL
 Initl FT Lic+S&S 12 Mo
Ratl SA Ext for Deployment Auto Planning FUSI Sysz Lic   D0HK2LL
 + SW S&S 12 Mo
Ratl SA Ext for Deployment Auto Planning FUSI Sysz SW    D0HK3LL
 S&S Reinstate 12 Mo
Ratl SA Ext for Deployment Auto Planning FUSI Sysz       E0B9KLL
 SubSq FT Lic+S&S 12 Mo
IBM Rational Software Architect Extension for C++
Ratl SA Extension for C++ Authorized User Sysz Annual    E08XGLL
 SW S&S Rnwl
Ratl SA Extension for C++ Authorized User Sysz Initl FT  D0DB5LL
 Lic+S&S 12 Mo
Ratl SA Extension for C++ Authorized User Sysz Lic + SW  D0DB0LL
 S&S 12 Mo
Ratl SA Extension for C++ Authorized User Sysz SW S&S    D0DB1LL
 Reinstate 12 Mo
Ratl SA Extension for C++ Authorized User Sysz SubSq FT  E08XKLL
 Lic+S&S 12 Mo
Ratl SA Extension for C++ FU Single Install Sysz Annual  E08XELL
 SW S&S Rnwl
Ratl SA Extension for C++ FU Single Install Sysz Initl   D0DB3LL
 FT Lic+S&S 12 Mo
Ratl SA Extension for C++ FU Single Install Sysz Lic +   D0DAWLL
 SW S&S 12 Mo
Ratl SA Extension for C++ FU Single Install Sysz SW S&S  D0DAXLL
 Reinstate 12 Mo
Ratl SA Extension for C++ FU Single Install Sysz SubSq   E08XILL
 FT Lic+S&S 12 Mo
IBM Rational Software Architect Extension for Deployment
 Planning
RATL SA Ext for Deployment Planning Auth User Sysz       E08YLLL
 Annual SW S&S Rnwl
RATL SA Ext for Deployment Planning Auth User Sysz       D0DCRLL
 Initl FT Lic+S&S 12 Mo
RATL SA Ext for Deployment Planning Auth User Sysz Lic   D0DCLLL
 + SW S&S 12 Mo
```

```
RATL SA Ext for Deployment Planning Auth User Sysz SW      D0DCMLL
 S&S Reinstate 12 Mo
RATL SA Ext for Deployment Planning Auth User Sysz        E08YQLL
 SubSq FT Lic+S&S 12 Mo
RATL SA Ext for Deployment Planning FUSI Sysz Annual SW   E08YJLL
 S&S Rnwl
RATL SA Ext for Deployment Planning FUSI Sysz Initl FT    D0DCPLL
 Lic+S&S 12 Mo
RATL SA Ext for Deployment Planning FUSI Sysz Lic + SW    D0DCHLL
 S&S 12 Mo
RATL SA Ext for Deployment Planning FUSI Sysz SW S&S      D0DCILL
 Reinstate 12 Mo
RATL SA Ext for Deployment Planning FUSI Sysz SubSq FT    E08YNLL
 Lic+S&S 12 Mo
IBM Rational Deployment Automation Content Pack for
 RAFW and WAS
Ratl DA Content Pack for RAFW and WAS AuthUsr Sysz        E0B9GLL
 Annual SW S&S Rnwl
Ratl DA Content Pack for RAFW and WAS AuthUsr Sysz        D0HL2LL
 Initl FT Lic+S&S 12 Mo
Ratl DA Content Pack for RAFW and WAS AuthUsr Sysz Lic    D0HKHLL
 + SW S&S 12 Mo
Ratl DA Content Pack for RAFW and WAS AuthUsr Sysz SW     D0HKILL
 S&S Reinstate 12 Mo
Ratl DA Content Pack for RAFW and WAS AuthUsr Sysz        E0B9YLL
 SubSq FT Lic+S&S 12 Mo
Ratl DA Content Pack for RAFW and WAS FltUsr SI Sz        E0B9DLL
 Annual SW S&S Rnwl
Ratl DA Content Pack for RAFW and WAS FltUsr SI Sz        D0HKYLL
 Initl FT Lic+S&S 12 Mo
Ratl DA Content Pack for RAFW and WAS FltUsr SI Sz Lic    D0HKCLL
 + SW S&S 12 Mo
Ratl DA Content Pack for RAFW and WAS FltUsr SI Sz SW     D0HKDLL
 S&S Reinstate 12 Mo
Ratl DA Content Pack for RAFW and WAS FltUsr SI Sz        E0B9VLL
 SubSq FT Lic+S&S 12 Mo
IBM Rational Software Architect Contributor
Rational Software Architect Contributor AUSI Sysz Initl   D0PYGLL
 FT Lic+S&S 12 Mo
Rational Software Architect Contributor AUSI Sysz SubSq   E0DW9LL
 FT Lic+S&S 12 Mo
Rational Software Architect Contributor AUSISz Annual     E0DVRLL
 SW S&S Rnwl
Rational Software Architect Contributor AUSISz Lic + SW   D0PXQLL
 S&S 12 Mo
Rational Software Architect Contributor AUSISz SW S&S     D0PXRLL
 Reinstate 12 Mo
Rational Software Architect Contributor FUSI Sysz Initl   D0PYILL
 FT Lic+S&S 12 Mo
Rational Software Architect Contributor FUSI Sysz SubSq   E0DWBLL
 FT Lic+S&S 12 Mo
Rational Software Architect Contributor FUSISz Annual     E0DVPLL
 SW S&S Rnwl
Rational Software Architect Contributor FUSISz Lic + SW   D0PXLLL
 S&S 12 Mo
Rational Software Architect Contributor FUSISz SW S&S     D0PXMLL
 Reinstate 12 Mo
IBM Rational Software Architect Extension for Design Management
RSA Ext Design Management AU Single Install for Sysz      E0C9ZLL
 Annual SW S&S Rnwl
RSA Ext Design Management AU Single Install for Sysz      D0JZXLL
 Initl FT Lic+S&S 12 Mo
RSA Ext Design Management AU Single Install for Sysz      D0JZ7LL
 Lic + SW S&S 12 Mo
RSA Ext Design Management AU Single Install for Sysz SW   D0JZ8LL
 S&S Reinstate 12 Mo
RSA Ext Design Management AU Single Install for Sysz      E0CADLL
 SubSq FT Lic+S&S 12 Mo
RSA Ext Design Management FU Single Install for Sysz      E0CA1LL
 Annual SW S&S Rnwl
RSA Ext Design Management FU Single Install for Sysz      D0JZZLL
 Initl FT Lic+S&S 12 Mo
RSA Ext Design Management FU Single Install for Sysz      D0JZCLL
 Lic + SW S&S 12 Mo
```

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RSA Ext Design Management FU Single Install for Sysz SW   D0JZDLL
 S&S Reinstate 12 Mo
RSA Ext Design Management FU Single Install for Sysz     E0CAFLL
 SubSq FT Lic+S&S 12 Mo
IBM Rational Software Architect Designer
IBM Rational Software Architect Designer AUSI Sysz       E0DV9LL
 Annual SW S&S Rnwl
IBM Rational Software Architect Designer AUSI Sysz Lic   D0PW9LL
 + SW S&S 12 Mo
IBM Rational Software Architect Designer AUSI Sysz SW    D0PWALL
 S&S Reinstate 12 Mo
Rational Software Architect Designer FUSI Sys z Annual   E0DV7LL
 SW S&S Rnwl
Rational Software Architect Designer FUSI Sys z Lic +    D0PW4LL
 SW S&S 12 Mo
Rational Software Architect Designer FUSI Sys z SW S&S   D0PW5LL
 Reinstate 12 Mo
IBM Rational Software Architect Extension for
 Communications Applications
Ratl SA Extension for Communications App Auth Sysz       E08Y1LL
 Annual SW S&S Rnwl
Ratl SA Extension for Communications App Auth Sysz       D0DBYLL
 Initl FT Lic+S&S 12 Mo
Ratl SA Extension for Communications App Auth Sysz Lic   D0DBTLL
 + SW S&S 12 Mo
Ratl SA Extension for Communications App Auth Sysz SW    D0DBULL
 S&S Reinstate 12 Mo
Ratl SA Extension for Communications App Auth Sysz       E08Y5LL
 SubSq FT Lic+S&S 12 Mo
Ratl SA Extension for Communications App FUSI Sysz       E08XZLL
 Annual SW S&S Rnwl
Ratl SA Extension for Communications App FUSI Sysz       D0DBWLL
 Initl FT Lic+S&S 12 Mo
Ratl SA Extension for Communications App FUSI Sysz Lic   D0DBPLL
 + SW S&S 12 Mo
Ratl SA Extension for Communications App FUSI Sysz SW    D0DBQLL
 S&S Reinstate 12 Mo
Ratl SA Extension for Communications App FUSI Sysz       E08Y3LL
 SubSq FT Lic+S&S 12 Mo
IBM Rational Software Architect Extension for SOA and
 Web Applications
Ratl SA Extension for SOA and Web Appl Auth Sysz Annual  E08XRLL
 SW S&S Rnwl
Ratl SA Extension for SOA and Web Appl Auth Sysz Initl   D0DBJLL
 FT Lic+S&S 12 Mo
Ratl SA Extension for SOA and Web Appl Auth Sysz Lic +   D0DBELL
 SW S&S 12 Mo
Ratl SA Extension for SOA and Web Appl Auth Sysz SW S&S  D0DBFLL
 Reinstate 12 Mo
Ratl SA Extension for SOA and Web Appl Auth Sysz SubSq   E08XVLL
 FT Lic+S&S 12 Mo
Ratl SA Extension for SOA and Web Appl FUSI Sysz Annual  E08XPLL
 SW S&S Rnwl
Ratl SA Extension for SOA and Web Appl FUSI Sysz Initl   D0DBHLL
 FT Lic+S&S 12 Mo
Ratl SA Extension for SOA and Web Appl FUSI Sysz Lic +   D0DBALL
 SW S&S 12 Mo
Ratl SA Extension for SOA and Web Appl FUSI Sysz SW S&S  D0DBBLL
 Reinstate 12 Mo
Ratl SA Extension for SOA and Web Appl FUSI Sysz SubSq   E08XTLL
 FT Lic+S&S 12 Mo
IBM Rational Software Architect Simulation Toolkit
Ratl SA Simulation Toolkit Authorized User Sysz Annual   E08YBLL
 SW S&S Rnwl
Ratl SA Simulation Toolkit Authorized User Sysz Initl    D0DCCLL
 FT Lic+S&S 12 Mo
Ratl SA Simulation Toolkit Authorized User Sysz Lic +    D0DC7LL
 SW S&S 12 Mo
Ratl SA Simulation Toolkit Authorized User Sysz SW S&S   D0DC8LL
 Reinstate 12 Mo
Ratl SA Simulation Toolkit Authorized User Sysz SubSq    E08YFLL
 FT Lic+S&S 12 Mo
Ratl SA Simulation Toolkit FU Single Install Sysz        E08Y9LL
 Annual SW S&S Rnwl
```

```
Ratl SA Simulation Toolkit FU Single Install Sysz Initl   D0DCALL
 FT Lic+S&S 12 Mo
Ratl SA Simulation Toolkit FU Single Install Sysz Lic +   D0DC3LL
 SW S&S 12 Mo
Ratl SA Simulation Toolkit FU Single Install Sysz SW      D0DC4LL
 S&S Reinstate 12 Mo
Ratl SA Simulation Toolkit FU Single Install Sysz SubSq   E08YDLL
 FT Lic+S&S 12 Mo
IBM Rational Software Architect Extension for Integrated
 Architecture Frameworks
RATL SA Ext for Intgr Arch Frameworks AU Sysz Annual SW   E08X4LL
 S&S Rnwl
RATL SA Ext for Intgr Arch Frameworks AU Sysz Lic + SW    D0DAILL
 S&S 12 Mo
RATL SA Ext for Intgr Arch Frameworks AU Sysz SW S&S      D0DAJLL
 Reinstate 12 Mo
RATL SA Ext for Intgr Arch Frameworks Auth Sysz Initl     D0DANLL
 FT Lic+S&S 12 Mo
RATL SA Ext for Intgr Arch Frameworks Auth Sysz SubSq     E08X9LL
 FT Lic+S&S 12 Mo
RATL SA Ext for Intgr Arch Frameworks FLOATSI Sysz        D0DALLL
 Initl FT Lic+S&S 12 Mo
RATL SA Ext for Intgr Arch Frameworks FLOATSI Sysz        E08X6LL
 SubSq FT Lic+S&S 12 Mo
RATL SA Ext for Intgr Arch Frameworks FloatSI Sysz        E08X2LL
 Annual SW S&S Rnwl
RATL SA Ext for Intgr Arch Frameworks FloatSI Sysz Lic    D0DAELL
 + SW S&S 12 Mo
RATL SA Ext for Intgr Arch Frameworks FloatSI Sysz SW     D0DAFLL
 S&S Reinstate 12 Mo
IBM Rational Software Architect
RATL Software Architect Authorized User Sysz Annual SW    E08WULL
 S&S Rnwl
RATL Software Architect Authorized User Sysz Initl FT     D0DA9LL
 Lic+S&S 12 Mo
RATL Software Architect Authorized User Sysz Lic + SW     D0DA4LL
 S&S 12 Mo
RATL Software Architect Authorized User Sysz SW S&S       D0DA5LL
 Reinstate 12 Mo
RATL Software Architect Authorized User Sysz SubSq FT     E08WYLL
 Lic+S&S 12 Mo
RATL Software Architect FloatUser Single Inst Sysz        D0DA7LL
 Initl FT Lic+S&S 12 Mo
RATL Software Architect FloatUser Single Inst Sysz        E08WWLL
 SubSq FT Lic+S&S 12 Mo
RATL Software Architect FloatUsr Single Inst Sysz         E08WSLL
 Annual SW S&S Rnwl
RATL Software Architect FloatUsr Single Inst Sysz Lic +   D0DA0LL
 SW S&S 12 Mo
RATL Software Architect FloatUsr Single Inst Sysz SW      D0DA1LL
 S&S Reinstate 12 Mo
```

## Rational Software Architect for Websphere

```
IBM Rational Software Architect for WebSphere Software
RSA4WS Auth User for System z Annual SW S&S Rnwl          E035JLL
RSA4WS Auth User for System z Lic + SW S&S 12 Mo          D59VSLL
RSA4WS Auth User for System z SW S&S Reinstate 12 Mo      D59VTLL
RSA4WS Floating User Single Install for System z Annual   E035ELL
 SW S&S Rnwl
RSA4WS Floating User Single Install for System z Lic +    D59V7LL
 SW S&S 12 Mo
RSA4WS Floating User Single Install for System z SW S&S   D59VBLL
 Reinstate 12 Mo
Ratl Software Architect For Websphere Authusr Sysz        D0BI2LL
 Initl FT Lic+S&S 12 Mo
Ratl Software Architect For Websphere Authusr Sysz        E080ZLL
 SubSq FT Lic+S&S 12 Mo
Ratl Software Architect For Websphere FUSI Sysz Initl     D0BI1LL
 FT Lic+S&S 12 Mo
Ratl Software Architect For Websphere FUSI Sysz SubSq     E080YLL
 FT Lic+S&S 12 Mo
```

```
     IBM Rational Software Architect Designer for WebSphere Software
Ratl Software Architect Designer                        E0DV2LL
WebSphere Software AUSI Sys z
 Annual SW S&S Rnwl
Ratl Software Architect Designer WS SW AUSI Sys z Lic +  D0PVSLL
 SW S&S 12 Mo
Ratl Software Architect Designer WS SW AUSI Sys z SW     D0PVTLL
 S&S Reinstate 12 Mo
Ratl Software Architect Designer WS SW FUSI Sys z        E0DV4LL
 Annual SW S&S Rnwl
Ratl Software Architect Designer WS SW FUSI Sys z Lic +  D0PVVLL
 SW S&S 12 Mo
Ratl Software Architect Designer WS SW FUSI Sys z SW     D0PVWLL
 S&S Reinstate 12 Mo
```

### 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 Software Architect

```
Precursor product          Trade-up product          Part
                                                      number


IBM Rational Software Architect Extension for SOA and Web Applications
Competitive                RSA Ext for SOA&Web Appl  D0DZ0LL
                            AU Sysz fr Competitive
                            Trdup Lic + SW S&S 12 Mo
Ratl Software Architect     RSA Ext for SOA&Web Appl  D0DYULL
 Extension for SOA and WS   FUSISz fr Auth User Sysz
 AU Sysz                    Trdup Lic + SW S&S 12 Mo
Competitive                RSA Ext for SOA&Web Appl  D0DYTLL
                            FUSISz fr Competitive
                            Trdup Lic + SW S&S 12 Mo
Rational Application        Ratl SA Extension for     D0H7XLL
 Developer Standard Edition  SOA&WA AU Sysz from RAD SE
                            Trdup Lic + SW S&S 12 Mo
Rational Application        Ratl SA Extension for     D0H7VLL
 Developer Standard Edition  SOA&WA FU SI Sysz fr RAD
                            SE Trdup Lic + SW S&S 12
                            Mo
IBM Rational Software Architect Extension for Communications
 Applications
Competitive                RSA Ext for Communications D0DZ8LL
                            App AUSz fr Competitive
                            Trdup Lic + SW S&S 12 Mo
Ratl Software Architect     RSA Ext for Communications D0DZ6LL
 Extension for              App FUSISz fr AU Sysz
 Communications             Trdup Lic + SW S&S 12 Mo
 Applications AU Sysz
Competitive                RSA Ext for               D0DZ5LL
                            CommunicationsApp FUSISz
                            frCompetitive Trdup Lic +
                            SW S&S 12 Mo
IBM Rational Software Architect Designer
IBM Rational Software       RSA Designer FUSI Sys z   D0PW6LL
 Architect Designer         from RSA Desnr AUSI Sysz
                            Trdup Lic + SW S&S 12 Mo
IBM Rational Software Architect
Competitive                RSA Auth User System z     D0DXXLL
                            from Competitive Trdup Lic
                            + SW S&S 12 Mo
Rational Software          RSA Float User Single      D0DXNLL
 Architect Authorized User  Install Sysz from AU Sysz
                            Trdup Lic + SW S&S 12 Mo
Competitive                RSA FloatUser Single       D0DXMLL
                            Install Sysz from
```

|  |  |  |
|---|---|---|
|  | Competitive Trdup Lic + SW S&S 12 Mo |  |
| Rational Rose Developer for Visual Studio | Ratl SA AUSysz fr Rose Developer for Visual Studio Trdup Lic + SW S&S 12 Mo | D0DY0LL |
| Rational Rose Enterprise | Ratl SA Auth User System z from Rose Enterprise Trdup Lic + SW S&S 12 Mo | D0DY1LL |
| Rational Rose Developer for Java | Ratl SA AuthUser Sysz from Rose Developer for Java Trdup Lic + SW S&S 12 Mo | D0DXZLL |
| Rational Rose Modeler | Ratl SA AuthUsr Sysz fr Rose Modeler AuthUser Sysz Trdup Lic + SW S&S 12 Mo | D0DXYLL |
| Rational Rose Developer for Java | Ratl SA FU SI Sysz fr Rose Developer for Java Trdup Lic + SW S&S 12 Mo | D0DXQLL |
| Rational Rose Unix | Ratl SA FU Single Install Sysz Rose Unix Trdup Lic + SW S&S 12 Mo | D0DXLLL |
| Rational Rose Enterprise | Ratl SA FU Single Install Sysz fr Rose Enterprise Trdup Lic + SW S&S 12 Mo | D0DXKLL |
| Rational Rose Modeler | Ratl SA FU SingleInstall Sysz fr Rose Modeler FLSz Trdup Lic + SW S&S 12 Mo | D0DXPLL |
| Rational Rose Developer for Visual Studio | Ratl SA FUSI Sysz fr Rose Dev for Visual Studio Trdup Lic + SW S&S 12 Mo | D0DXRLL |
| IBM Rational Software Architect Extension for Integrated Architecture Frameworks | | |
| Competitive | RSA Ext for IAF Auth User Sysz from Competitive Trdup Lic + SW S&S 12 Mo | D0DY7LL |
| RSA Ext for IAF Auth User Sysz | RSA Ext for IAF FUSISz Sysz from Auth User Sysz Trdup Lic + SW S&S 12 Mo | D0DY5LL |
| Competitive | RSA Ext for IAF FUSISz Sysz from Competitive Trdup Lic + SW S&S 12 Mo | D0DY4LL |
| IBM Rational Software Architect Simulation Toolkit | | |
| Competitive | RSA Simulation Toolkit AU Sysz from Competitive Trdup Lic + SW S&S 12 Mo | D0DZKLL |
| Ratl Software Architect Simulation Toolkit Auth User Sysz | RSA Simulation Toolkit FUSI Sysz from Auth User Trdup Lic + SW S&S 12 Mo | D0DZELL |
| Competitive | RSA Simulation Toolkit FUSI Sysz from Competitive Trdup Lic + SW S&S 12 Mo | D0DZDLL |
| IBM Rational Software Architect Extension for Deployment Planning | | |
| Ratl Software Architect Ext for Deployment Planning AU Sysz | RATL SA Ext for DeploymentPlanning FUSI Sysz fr AU Trdup Lic + SW S&S 12 Mo | D0DYCLL |
| Competitive | RSA Ext for DeploymentPlanning AUSz fr Competitive Trdup Lic + SW S&S 12 Mo | D0DYGLL |
| Competitve | RSA Ext for DeploymentPlanning FUSISz frCompetitve Trdup Lic + SW S&S 12 Mo | D0DYBLL |
| IBM Rational Software Architect Extension for C++ | | |
| Competitive | RSA Ext for C++ Auth User Sysz from Competitive Trdup Lic + SW S&S 12 Mo | D0DYNLL |
| Ratl Software Architect Extension for C++ Auth User | RSA Ext for C++ FU Single InstallSz fr Auth User Trdup Lic + SW S&S 12 Mo | D0DYLLL |
| Competitive | RSA Ext for C++ FU Single InstallSz fr Competitive Trdup Lic + SW S&S 12 Mo | D0DYKLL |

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IBM Rational Software Architect Extension for Deployment
 Automation Planning
Ratl Software Arch          Ratl SA Ext for Dplymnt      D0HM8LL
 Extension for Deployment    Auto Planning FUSIz fr Auz
 Auto Planning Auth User     Trdup Lic + SW S&S 12 Mo
 Sysz
IBM Rational Software Architect Extension for Design Management
IBM Rational Software       RSA Ext DM AUSI Sysz from    D0PWBLL
 Architect Contributor       RSA Contributor AUSISysz
                             Trdup Lic + SW S&S 12 Mo
IBM Rational Software       RSA Ext DM FUSI Sysz from    D0PWSLL
 Architect Contributor       RSA Contributor FUSISysz
                             Trdup Lic + SW S&S 12 Mo
Rational Software           RSA Ext Design Mgmt FUSI     D0JZELL
 Architect Design Manager    for Sysz from AUSI Sz
 Authorized User Single      Trdup Lic + SW S&S 12 Mo
 Install Sysz
IBM Rational Software Architect Contributor
IBM Rational Software       RSAContributorFUSISz from    D0TEMLL
 Architect Contributor       RSAContributorAUSISz Trdup
                             Lic + SW S&S 12 Mo
IBM Rational Deployment Automation Content Pack
 for RAFW and WebSphere Application Server
Ratl Deployment Auto        Ratl DA Content Pack for     D0HMALL
 Content Pack for RAFW and   RAFW and WAS FUSIz fr AUz
 WAS                         Trdup Lic + SW S&S 12 Mo
```

## Rational Software Architect for Websphere

```
IBM Rational Software Architect Designer for WebSphere Software
IBM Rational Software       RSA Designer WS FUSI Sysz    D0PVXLL
 Architect Designer for      from RSA WSDes AUSI Sysz
 WebSphere Software          Trdup Lic + SW S&S 12 Mo
```

## Rational Software Architect for Websphere

```
IBM Rational Software Architect for WebSphere Software
Competitive                 RSA4WS AUz fr Competitive    D59VYLL
                             Trdup Lic + SW S&S 12 Mo
Ratl Rose for Java with     RSA4WS AUz fr Rose Java AU   D59W2LL
 Competitive IDE AU          w/Comp IDE Trdup Lic + SW
                             S&S 12 Mo
Ratl Rose for Java or RSA   RSA4WS AUz fr Rose Java or   D59VVLL
 Standard Edition AU         RSA SE AU Trdup Lic + SW
                             S&S 12 Mo
Ratl Rose Modeler           RSA4WS AUz fr Rose Mod or    D59VULL
                             RSM AU Trdup Lic + SW S&S
                             12 Mo
Ratl Rose for Visual        RSA4WS AUz fr Rose VS AU     D59VXLL
 Studio AU                   Trdup Lic + SW S&S 12 Mo
Ratl Rose Enterprise        RSA4WS AUz fr                D59VWLL
                             RoseEnt/RoseDevUnix AU
                             Trdup Lic + SW S&S 12 Mo
Ratl Rose Enterprise with   RSA4WS AUz fr                D59W4LL
 Competitive IDE AU          RoseEnt/RoseDevUnix AU
                             w/Comp IDE Trdup Lic + SW
                             S&S 12 Mo
Ratl Application Developer   RSA4WS AUz fr WSAD Usr or    D59W1LL
 or WSAD                     RAD AU Trdup Lic + SW S&S
                             12 Mo
Competitive                 RSA4WS FU SI Sysz fr         D59VGLL
                             Competitive Trdup Lic + SW
                             S&S 12 Mo
Ratl Application Developer   RSA4WS FU SI Sysz fr RAD     D59W9LL
                             FU SI Trdup Lic + SW S&S
                             12 Mo
Ratl Rose for Java with     RSA4WS FU SI Sysz fr Rose    D59WMLL
 Competitive IDE FL          Java FU SI w/Comp IDE
                             Trdup Lic + SW S&S 12 Mo
Ratl Rose for Java or RSA   RSA4WS FU SI Sysz fr Rose    D59VDLL
 Standard Edition FL         Java or RSA SE FU SI Trdup
                             Lic + SW S&S 12 Mo
Ratl Rose Modeler           RSA4WS FU SI Sysz fr Rose    D59VCLL
                             Modl or RSM FU SI Trdup
                             Lic + SW S&S 12 Mo
```

| | | |
|---|---|---|
| Ratl Rose for Visual Studio FL | RSA4WS FU SI Sysz fr Rose VS FU SI Trdup Lic + SW S&S 12 Mo | D59VFLL |
| Ratl Rose Enterprise or Dev for Unix FL | RSA4WS FU SI Sysz fr RoseEnt/RoseDevUnix FU SI Trdup Lic + SW S&S 12 Mo | D59VELL |
| Ratl Software Architect for WebSphere Authorized User | RSA4WS FU SI Sysz fr SW Architect AuthUsr Trdup Lic + SW S&S 12 Mo | D59WPLL |
| Rational Rose Enterprise or Developer for UNIX FL | RSA4WS FU SI from Rose Dev Unix FU SI Sys Z Trdup Lic + SW S&S 12 Mo | D0527LL |
| Ratl Rose Enterprise or Dev for Unix with Competitive IDE FL | RSA4WS FUSIz f RoseEnt/RoseDevUnix FUSI w/Comp IDE Trdup Lic + SW S&S 12 Mo | D59WNLL |
| Rational Application Developer Standard Edition | Ratl SA for WS Auth User Sys z from RAD SE Trdup Lic + SW S&S 12 Mo | D0H7ZLL |
| Rational Application Developer Standard Edition | Ratl SA for WS FU Single Install Sys z from RAD SE Trdup Lic + SW S&S 12 Mo | D0H81LL |

## Prices

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- Syria
- Sudan

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