

# Release Notes

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IBM® Tivoli® Identity Manager

Rational Jazz Server Adapter for TDI 7.0

## ***Version 5.1.2***

**First Edition (September 30, 2011)**

This edition applies to version 5.1 of Tivoli Identity Manager and to all subsequent releases and modifications until otherwise indicated in new editions.

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## Preface

Welcome to the IBM Tivoli Identity Manager Rational Jazz Server Adapter.

These Release Notes contain information for the following products that was not available when the IBM Tivoli Identity Manager manuals were printed:

- IBM Tivoli Identity Manager Rational Jazz Adapter Installation and Configuration Guide

## Adapter Features and Purpose

The Rational Jazz Adapter is designed to create and manage User Accounts on the rational Jazz application. The adapter runs in “agentless” mode and communicates using HTTPS and LDAP protocol.

IBM recommends the installation of this Adapter (and the prerequisite Tivoli Directory Integrator) on each node of an Identity Manager WAS cluster. A single copy of the adapter can handle multiple ITIM Services. The optimum deployment configuration is based, in part, on the topology of your network domain, but the primary factor is the planned structure of your Identity Manager Provisioning Policies and Approval Workflow process. Please refer to the Identity Manager Information Center for a discussion of these topics.

The Identity Manager Adapters are powerful tools that require Administrator Level authority. Adapters operate much like a human system administrator, creating accounts, permissions and home directories. Operations requested from the Identity Manager server will fail if the Adapter is not given sufficient authority to perform the requested task. IBM recommends that this Adapter run with administrative (root) permissions.

## Service Groups Management

The ability to manage service groups is a new feature introduced in TIM 5.1. By service groups, TIM is referring to any logical entity that can group accounts together on the managed resource.

Managing service groups implies the following:

- Create service groups on the managed resource.
- Modify attribute of a service group.
- Delete a service group.

Note that service group name change is not supported in TIM 5.1 release.

**The Rational Jazz adapter does not support service groups management.**

## Contents of this Release

### *Adapter Version*

Component	Version
Release Date	September 30, 2011
Adapter Version	5.1.2
Component Versions	Adapter Build: 5.709 Profile: 5.0.1003 AL version: 5.0.1002 Dispatcher: 5.722 or higher (packaged separately)
Documentation	Directory Integrator-Based Rational Jazz Server Adapter Installation and Configuration Guide (SC27-2721-00)

**New Features**

Enhancement # (FITS)	Description
	<b>Items included in current release</b>
	Rational Jazz Server 3.0 and those products that run on Jazz, including: <ul style="list-style-type: none"><li>• Rational Team Concert</li><li>• Rational Requirements Composer</li><li>• Rational Quality Manager</li></ul>
	<b>Items included in 5.1.1 release (previous release)</b>
	Rational Jazz Server 2.0.0.1 and those products that run on Jazz, including: <ul style="list-style-type: none"><li>• Rational Team Concert</li><li>• Rational Requirements Composer</li><li>• Rational Quality Manager</li></ul>

**Closed Issues**

CMVC#	APAR#	PMR# / Description
		<b>Items closed in current version</b>
		None

**Known Issues**

CMVC#	APAR#	PMR# / Description
N/A	N/A	<p><b>Account Status</b> Account statuses will not be reflected correctly in TIM if updates were made from the RTC Web UI. A restart of the adapter is required. The issue is due to the RTC API and multi-threading.</p> <p>Waiting of response from the RTC development team on resolution.</p>
N/A	N/A	<p><b>Password Change</b> Password change operation is not supported with this release.</p>
N/A	N/A	<p><b>Read-Only Registry ADD Permissions</b> If configured external registry is read only and add request contain value for user repository permissions then adapter will log the message "User Repository Permissions could not change. The external registry is read only".</p> <p>Adapter will not try to set or failed this attribute as it get set automatically with configured LDAP.</p> <p>Please make sure that Add request does not contain values for user repository permissions (Read only on RTC server). If Add request contains value for repository permissions and user get added successfully then repository permission values for ITIM and RTC server will out of synch.</p> <p>RTC server is configured with LDAP, so repository permission values get set from configured LDAP.</p>
N/A	N/A	<p><b>Read-Only Registry on User ADD</b> If added user is configured with external(read only) registry then, RTC server does not provide provision for changing the user basic attribute values( User name and Email address) on RTC server. However,the RTC server API allowe to modify the user basic attributes, hence adapter will modify the user basic attributes.</p> <p>Please make sure that modify request does not contain values for user basic attributes(User name and Email address)if user is configured with external LDAP(read only).</p>

CNVC#	APAR#	PMR# / Description
N/A	N/A	<b>Warning on Repository Permission</b> If modify request is for repository permission attribute(replaceMultiValue) and Operation status is WARN, ITIM fail to preserve failed values for repository permission attribute and deletes the unmodified attribute values that are failed on resource.
N/A	N/A	<b>Warning for Insufficient License Count</b> Modify request failed to add user into Project Area with following error "Fail to assign Project Area:XXX:'Save Project Area' failed. Missing required license." The error is because administrator user do not have sufficient licenses. Assign sufficient client license to the administrator user to resolve this issue.  Note : For the adapter to function correctly on TDI Version 7.0, you must copy the Rational Jazz JAR files to the ITDI_Home\jars\patches directory on the workstation where Tivoli Directory Integrator is installed.



## Installation and Configuration Notes

See the “IBM Tivoli Identity Manager Adapter Installation Guide” for detailed instructions.

### **Corrections to Installation Guide**

The following corrections to the Installation Guide apply to this release:

### **Required Rational Jazz JAR files**

For the adapter to function correctly, you must copy the Rational Jazz JAR files to the *ITDI\_Home\jars\patches* directory on the workstation where Tivoli Directory Integrator is installed. Obtain the JAR files from the locations listed in the following sections.

You must extract the following JAR files from the *RTC-Client-plainJavaLib-3.0.zip* package (or the relevant Plain Java Client Libraries package based on your Jazz version). The *RTC-Client-plainJavaLib-3.0.zip* package is available at the Rational® Jazz™ Foundation Web site, <http://jazz.net/>.

- com.ibm.team.process.client\_1.2.0.v20101110\_2242.jar
- com.ibm.team.process.common\_1.2.0.v20101110\_2242.jar
- com.ibm.team.repository.client\_1.1.0.v20101110\_2242.jar
- com.ibm.team.repository.common.remoteaccess.auth\_1.1.0.v20101110\_2242.jar
- com.ibm.team.repository.common.remoteaccess\_1.1.0.v20101110\_2242.jar
- com.ibm.team.repository.common.serialize\_1.1.0.v20101110\_2242.jar
- com.ibm.team.repository.common.transport\_1.1.0.v20101110\_2242.jar
- com.ibm.team.repository.common\_1.1.0.v20101110\_2242.jar
- httpclient-4.0.1.jar
- httpcore-4.0.1.jar
- org.apache.commons.codec\_1.3.0.v20080530-1600.jar
- org.apache.commons.httpclient\_3.1.0.v20080605-1935.jar
- org.eclipse.emf.common\_2.5.0.v200906151043.jar
- org.eclipse.emf.ecore.xmi\_2.5.0.v200906151043.jar
- org.eclipse.emf.ecore\_2.5.0.v200906151043.jar

Obtain the following JAR files from the Rational Jazz server installation directory, *JazzTeamServer\server\tomcat\webapps\jazz\WEB-INF\eclipse\plugins*:

- com.ibm.team.repository.common.json\_1.1.0.v20101110\_2242.jar
- org.apache.commons.logging\_1.0.4.v200904062259.jar
- org.eclipse.core.jobs\_3.4.100.v20090429-1800.jar
- org.eclipse.core.runtime\_3.5.0.v20090525.jar
- org.eclipse.equinox.common\_3.5.1.R35x\_v20090807-1100.jar
- org.eclipse.equinox.preferences\_3.2.301.R35x\_v20091117.jar
- org.eclipse.equinox.registry\_3.4.100.v20090520-1800.jar
- org.eclipse.osgi\_3.5.2.R35x\_v20100126.jar

To prevent conflicts, please remove the file *httpcore-4.0.jar* if it exists on the *ITDI\_Home\jars\3rdparty\IBM\axis2* directory on the workstation where Tivoli Directory Integrator is installed.

## **Configuration Notes**

The following configuration notes apply to this release:

### **Using Rational Jazz Server 2.0**

If you are using Rational Jazz Server 2.0 instead of Rational Jazz Server 3.0, after installation please replace the file *RTCConnector.jar* that is located in the *TDI\_Home\jars\connectors* directory with the file in the installation package under the *RTC-2.0* directory.

### **Default Port Number for Dispatcher**

By default this property in TDI 7.0 is true, so dispatcher always starts on the default remote port 1099. The default local port property value (16231) is overridden because TDI 7.0 sets the *api.remote.on* property value to "true." To start the dispatcher on local port 16231, the default remote port value must be set or the *api.remote.on* property must be set to "false."

See the Dispatcher installation guide and release notes for additional information.

## Customizing or Extending Adapter Features

The Identity Manager adapters may be customized and/or extended. The type and method of this customization may vary from adapter to adapter.

### Getting Started

Customizing and extending adapters requires a number of additional skills. The developer must be familiar with the following concepts and skills prior to beginning the modifications:

- Tivoli Identity Manager administration
- Tivoli Directory Integrator management
- Tivoli Directory Integrations assemblyline development
- LDAP schema management
- Working knowledge of Java scripting language
- Working knowledge of LDAP object classes and attributes
- Working knowledge of XML document structure

**Note:** If the customization requires a new Tivoli Directory Integrator connector, the developer must also be familiar with Tivoli Directory Integrator connector development and working knowledge of Java programming language.

Tivoli Identity Manager Resources:

Check the “Learn” section of the [Tivoli Identity Manager Support web site](#) for links to training, publications, and demos.

Tivoli Directory Integrator Resources:

Check the “Learn” section of the [Tivoli Directory Integrator Support web site](#) for links to training, publications, and demos.

Tivoli Identity Manager Adapter Development:

Adapter Development Tool

The Adapter Development Tool, ADT, is a tool used by IBM Tivoli Identity Manager (ITIM) customers and consultants to create custom TIM adapters. It reduces adapter delivery time by about 50% and it helps in the development of custom adapters. The Adapter development tool is available on the [IBM Open Process Automation Library](#) (OPAL).

### Support for Customized Adapters

The integration to the Identity Manager server – the adapter framework – is supported. However, IBM does not support the customizations, scripts, or other modifications. If you experience a problem with a customized adapter, IBM Support may require the problem to be demonstrated on the GA version of the adapter before a PMR is opened.

## Supported Configurations

### *Installation Platform*

The IBM Tivoli Identity Manager Adapter was built and tested on the following product versions.

#### Adapter Installation Platform:

This adapter installs into Tivoli Directory Integrator (TDI) and may be installed on any platform supported by the TDI product and supported by the target system libraries or client, where applicable. IBM recommends installing TDI on each node of the ITIM WAS Cluster and then installing this adapter on each instance of TDI. Supported TDI versions include:

Tivoli Directory Integrator 7.0 with Fix Pack 1

#### Managed Resource:

Rational Jazz Server 3.0

and those products that run on Jazz, including:

- Rational Team Concert
- Rational Requirements Composer
- Rational Quality Manager

#### IBM Tivoli Identity Manager:

Identity Manager v5.1

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## End of Release Notes