

Release Notes



IBM® Tivoli® Identity Manager Oracle PeopleTools Adapter

Version 4.6.1

First Edition (May 29, 2009)

This edition applies to version 5.0 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 PeopleTools 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 PeopleTools Adapter Installation and Configuration Guide

Adapter Features and Purpose

The PeopleTools Adapter is designed to create and manage User Accounts on the PeopleSoft application. The adapter runs in “agentless” mode and communicates using JDBC and the PeopleTools Java API to the systems being managed.

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.

Contents of this Release

Adapter Version

Component	Version
Release Date	May 29, 2009
Adapter Version	4.6.1
Component Versions	Adapter Build: 5.0.1004 Profile: 5.0.1002 Connector: 5.004 Dispatcher 5.011
Documentation	Directory Integrator-Based PeopleTools Adapter Installation and Configuration Guide SC23-6160-00

New Features

Enhancement # (FITS)	Description
	Items included in current release
	Enable support for new Dispatcher attributes namely,AL FileSystem Path and Max Connection Count.
	Items included in 4.6.0 release
	Initial release for ITIM v4.6 NOTE: this adapter was originally developed for TIM v5.0 but is being offered to our TIM v4.6 customers. Although the documentation mentions TIM v5.0, all instructions apply to TIM v4.6 as well.

Closed Issues

CMVC#	APAR#	PMR# / Description
		Items closed in current version
	N/A	N/A Provide support for TDI v6.1.1 FP6 Incorporate changes for workaround by the TDI team for TDI 611 FP6.
34263		N/A IDI PSFT Adapter, Roles with no description not added to TIM.
		Items closed in 4.6.0 version
	IZ36496	16279,7TD,000 PeopleSoft IDI based adapter The test connection from TIM is successful, but the recon request fails with connection error to the database: Exception encountered during recon: java.math.BigDecimal incompatible with java.lang.Integer

Known Issues

CNVC#	APAR#	PMR# / Description
N/A	N/A	<p>Editing adapter profiles on UNIX or Linux:</p> <p>The adapter profile JAR file may contain ASCII files created using MS-DOS ASCII format (i.e. schema.dsml, CustomLabels.properties, and service.def). If you edit a MS-DOS ASCII file in Unix you will often see the characters ^M at the end of each line. This is the extra character 0x0d that is used to indicate a new line of text in MS-DOS. There are tools, such as dos2unix, that can be used to strip out the ^M character. In addition, there are text editors that will ignore the ^M character.</p> <p>If you are using the vi editor, you can strip out the ^M character as follow:</p> <p>From the vi's command mode:</p> <pre>:%s/^M//g</pre> <p>followed by pressing Enter. The ^M (or Ctrl-M) typed to show it here should actually be entered by pressing ^v^M in sequence. (The ^v preface tells vi to use the next keystroke literally instead of taking it as a command.)</p>

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:

None.

Configuration Notes

The following configuration notes apply to this release:

Disable AL Caching

Select the check box to disable the assembly line (test/add/modify/delete) caching in the dispatcher for the service.

AL FileSystem Path

Specify the file path from where the dispatcher loads the assembly lines. If you do not specify a file path, the dispatcher loads the assembly lines received from IBM Tivoli Identity Manager. For example, you can specify the following file path to load the assembly lines from the profiles directory of the Windows operating system:

c:\Files\IBM\TDI\V6.1.1\profiles

or you can specify the following file path to load the assembly lines from the profiles directory of the Unix and Linux operating:

system:/opt/IBM/TDI/V6.1.1/profiles

Max Connection Count

Specify the maximum number of assembly lines that the dispatcher can execute simultaneously for a managed resource. For example, enter 10 when you want the dispatcher to execute maximum ten assembly lines simultaneously for a managed resource. If you enter 0 in the Max Connection Count field, the dispatcher does not limit the number of assembly line that are executed simultaneously for a managed resource.

Note: If you specify a non zero value for the Maximum Connection Count, then set the GlobalRunALCount property to a non zero value.

Please refer Release Notes for Dispatcher for more information on GlobalRunALCount property

Configuring Filtering in Dispatcher

To configure dispatcher filtering to case insensitive filtering add CaseInsensitiveFilter property to search operation definition in service.def file present in the adapter profile. This Property determines if dispatcher filtering is case sensitive or case insensitive. The dispatcher filtering will be case sensitive for adapters that do not support this property.

Procedure to add CaseInsensitiveFilter property:

- I) Unzip the Adapter Profile jar.
- II) Take service.def file from this unzip folder.
- III) Open the service.def file
- IV) Add following dispatcher parameters in search operation and save the service.def file.

```
<dispatcherParameter name="CaseInsensitiveFilter">  
  <default>true</default>  
</dispatcherParameter>
```
- V) Create Adapter Profile jar again with updated Service.def file.
- VI) Import this jar in to ITIM. Execute any request from ITIM it will pass the "CaseInsensitiveFilter" property values for Recon request as dispatcher parameter.

Note: Please use Component Interface project PT845_Component.zip for PeopleTools version 8.45 and 8.46 and PT849_COMPONENT.zip for PeopleTools version 8.49

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. 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:

TDI 6.1.1 FP3

Managed Resource:

PeopleTools 8.45, 8.46, 8.47, 8.49

IBM Tivoli Identity Manager:

Identity Manager v4.6 and v5.0

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End of Release Notes