

Release Notes



IBM[®] Tivoli[®] Identity Manager Siebel JDB Adapter

Version 4.6.2

First Edition (July 8, 2010)

This edition applies to version 4.6 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 Siebel Java Data Beans (JDB) 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 Siebel JDB Adapter Installation and Configuration Guide

Adapter Features and Purpose

The Siebel JDB Adapter is designed to create and manage accounts on the Siebel Application. The adapter runs in “agentless” mode and communicates using Java Database Connectivity (JDBC) and JDB 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 Tivoli Identity Manager Services. The 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	July 8, 2010
Adapter Version	4.6.2
Component Versions	Adapter build: 5.106 Connector: 5.106 Dispatcher 5.123
Documentation	Directory Integrator-Based Siebel JDB Adapter Installation and Configuration Guide SC23-6168-00 Directory Integrator-Based Siebel JDB Adapter Users Guide SC23-6168-00

New Features

Enhancement # (FITS)	Description
	Items included in current release
N/A	Removed the Dispatcher Dependencies from the SiebelJDB Connector. From this release onwards adapter will no longer use itdiAgents.jar (Installed by RMI Dispatcher). The utility file (SiebelJDBAdapterUtils.java) has been packaged with SiebelJDBConnector.
N/A	Developed new installer for SiebelJDB Adapter using Install Anywhere 2009.
	Items included in 4.6.1 release
	None
	Items included in 4.6.0 release
	Initial release for Tivoli Identity Manager v4.6

Closed Issues

CMVC#	APAR#	PMR# / Description
		Items closed in current version
		<p>NOTE: This release requires that ITIM FP level should be as follows - ITIM50 FP4 or above, ITIM46 FP 85 or above.</p> <p>If used with earlier TIM fixpacks then you may face objectClass violation error in reconciliation operation. These ITIM fixpacks have inbuilt provision for escaping special characters in DN value. Earlier TIM fixpacks did not have this provision. Special chars in DN were escaped in the adapter itself.</p>
		None
		Items closed in 4.6.0 version
	IZ36312	49378,830,758 SiebelJDB adapter modifying the Siebel Primary Position generating an error.
	IZ49493	37217,7TD,000 Objectclass violations when running Siebel Recon. Issue with TIM server FP04.
	IZ49493	04712,122,000 Not all (or none)positions, responsibility and organizations are being brought into ITIM upon a supporting data only (or full)Recon.
	N/A	82620,999,000 Behavioral changes in TDI611 FP6.
		Items closed in 4.6.0 version
N/A	IZ18751	32497,650,758 Issue with connection to Siebel server.
N/A	IZ22934	32849,650,758 Siebel Adapter does not create accounts as expected
N/A		06784,432,758 Responsibilities and position aren't mapped correctly.
N/A	IZ28939	06807,432,758 Some attributes fail during user add/Non-English issue with picklist attributes
N/A	IZ28311	45755,830,758 Unable to run filtered reconciliation on Siebel JDB adapter

Known Issues

CMVC#	APAR#	PMR# / Description
		<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>
		<p>Deleting "Employee Organization" Codes</p> <p>Deletion of all values of "Employee Organization" attribute is not supported on the Siebel application but the Siebel API used by the adapter allows it.</p> <p>Workaround: Keep at least one organization associated with User/Employee account. Use a manual procedure or enforce the constraint using a TIM Provisioning Policy.</p>
		<p>Deleting "Non-Primary Position" Codes</p> <p>Deletion of non-primary position of an employee results into failure of next requests for the same user. This is a Siebel API issue and ticket is opened with Siebel. Siebel is working on the fix and delivery is expected in Q3 2009. To avoid this error 5.0.1002 LA version of the Siebel connector did not allow position deletes. This restriction has been removed: this version of the connector now allows position deletes - but it will give error until the time the siebel provides the fix and is applied on the Siebel resource.</p> <p>Workaround:</p> <p>If non-primary position for employee is deleted. Then please restart the dispatcher to avoid failure on subsequent requests for the same user.</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:

Siebel Adapter Behavior

The Siebel adapter has several unique characteristics listed below:

- By default user account to be created will be considered as User and not as an Employee, until "Is Employee" attribute is set to true.
- For creating employee record following attributes are mandatory
 - a. User ID
 - b. First Name
 - c. Last Name
 - d. Position (at least one position must be mentioned while creating an employee)
- Once User/Employee is created using ITIM. It is not possible to convert User to Employee or vice versa.
- Primary Organization must not be deleted for Users as well as Employees. Siebel does not allow deletion of the primary organization.
- Primary Position must not be deleted for Users as well as Employees. Siebel does not allow deletion of the primary position.
- Default Organization must not be supplied while adding User/Employee account on ITIM. Otherwise Siebel JDB adapter will return warning for this value as "Default Organization" will get assigned for User/Employee by default.
- Default Responsibility must not be supplied while adding User/Employee account on ITIM. Otherwise Siebel JDB adapter will return warning for this value as default responsibility value For Example. Siebel Administrator will get assigned for User/Employee by default.
- Employee Organization must not be modified when adding new organization. This is applicable for Users only. Siebel does not provide means to change Organization of the User.
- This release requires that ITIM FP level should be as follows - ITIM50 FP4 or above, ITIM46 FP 85 or above. If used with earlier TIM fixpacks then you may face objectClass violation error in reconciliation operation. These ITIM fixpacks have inbuilt provision for escaping special characters in DN value. Earlier TIM fixpacks did not have this provision. Special chars in DN were escaped in the adapter itself.

Customizing or Extending Adapter Features

The Identity Manager adapters can 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 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 and may be installed on Windows due to restrictions in the Siebel libraries.

Tivoli Directory Integrator 6.1.1 with Fix Pack 3

Managed Resource:

Siebel v7.7

Siebel v7.8

IBM Tivoli Identity Manager:

Identity Manager v4.6

IMPORTANT NOTE:

When using this adapter with a DB2 database, an operating system (OS) adapter is required as a prerequisite. See your DB2 documentation.

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End of Release Notes