

# Release Notes

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## IBM® Tivoli® Identity Manager Sybase Adapter

### ***Version 5.1***

#### **Edition notice**

This edition applies to version 5.1 of the IBM 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 Sybase 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 Sybase Adapter Installation and Configuration Guide

## Adapter Features and Purpose

The Sybase Adapter is designed to create and manage accounts on a Sybase Adapter Server Enterprise. The adapter runs in “agentless” mode and communicates using JDBC to the systems being managed.

IBM recommends the installation of this adapter (and the prerequisite IBM Tivoli Directory Integrator) on each node of an Identity Manager WAS cluster. A single copy of the adapter can handle multiple 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.

## Service Groups Management

The ability to manage service groups is a new feature introduced in IBM Tivoli Identity Manager 5.1. By service groups, IBM Tivoli Identity Manager 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:** Service group name change is not supported in the IBM Tivoli Identity Manager 5.1 release.

**The Sybase adapter does not support management of service groups.**

## Contents of this Release

### Adapter Version

Component	Version
Release Date	December 6, 2012
Adapter Version	5.1.5.7
Component Versions	Profile: 5.1.5.7 Dispatcher: 5.725 (or higher, packaged separately for TDI 7.0)
Documentation	Sybase Adapter Installation and Configuration Guide

### New Features

Enhancement # (FITS)	Description
	<b>Items included in current release</b>
INT48995	Initial release  This TDI based adapter is a replacement to the ADK based adapter. There is no upgrade path of the ADK based adapter.

### Closed Issues

CMVC #	APAR#	PMR# / Description
		<b>Items closed in current version</b>
		Initial release

### Known Issues

Internal #	APAR#	PMR# / Description
		<b>Issues known in current release</b>
		Initial release

## Installation and Configuration Notes

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

### ***Corrections to Installation Guide***

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

Some references to *IBM Security* need to be *IBM Tivoli*:

- Chapter 1 - Page 3 - Supported configurations section - Figure 3
- Chapter 3 - Page 9 - Installing the adapter section
- Chapter 3 - Page 12 - Creating an adapter service section
- Chapter 4 - Page 15 - Configuring the adapter section

Some references to version 6.0 need to be 5.1:

- Chapter 2 - Page 6 - Prerequisites section
- Appendix D - Page 37 - Searching knowledge bases section

In Chapter 2 - Page 6 – Prerequisites section - Table 3, amend the description for the Sybase JDBC Driver prerequisite as follows:

JDBC Driver

**Note:** The driver file names are:

- jconn3.jar for IBM Tivoli Directory Integrator 7.0 (JDK version 1.5)
- jconn4.jar for IBM Tivoli Directory Integrator 7.1 (JDK version 1.6)

**Note:** The driver file must be copied into the jars\3rdparty\others directory under the TDI home directory.

### ***Configuration Notes***

The following configuration notes apply to this release:

None

## 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:

- IBM Tivoli Identity Manager administration
- IBM Tivoli Directory Integrator management
- IBM 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.

## ***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:

The Sybase Adapter installs into the IBM Tivoli Directory Integrator and may be installed on any platform supported by the IBM Tivoli Directory Integrator product and supported by the target system libraries or client where applicable.

IBM recommends installing the IBM Tivoli Directory Integrator on each node of the IBM Tivoli Directory Integrator WAS Cluster and then installing this adapter on each instance of the IBM Tivoli Directory Integrator.

Supported versions of the IBM Tivoli Directory Integrator for this version of the Sybase Adapter are:

IBM Tivoli Directory Integrator 7.0 with Fix Pack 1 or higher  
IBM Tivoli Directory Integrator 7.1 with Fix Pack 3 or higher

Managed Resource:

Sybase Adaptive Server Enterprise (ASE) v12.5 with Sybase Open Client v12.5  
Sybase Adaptive Server Enterprise (ASE) v15.0 with Sybase Open Client v15.0  
Sybase Adaptive Server Enterprise (ASE) v15.5 with Sybase Open Client v15.5  
Sybase Adaptive Server Enterprise (ASE) v15.7 with Sybase Open Client v15.7

IBM Tivoli Identity Manager:

IBM Tivoli Identity Manager v5.1

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## **End of Release Notes**