

# Release Notes

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IBM<sup>®</sup> Tivoli<sup>®</sup> Identity Manager

DB2 Universal Database (UDB) Adapter

## ***Version 5.0.4***

**First Edition (July 8, 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 IBM DB2 Universal Database (UDB) 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 IBM DB2 UDB Adapter Installation and Configuration Guide

## Adapter Features and Purpose

The UDB Adapter is designed to create and manage accounts on IBM Universal Database. The adapter runs in “agentless” mode and communicates using DB2 Connect Client APIs to the systems being managed.

IBM recommends the installation of this adapter in “agentless” mode. 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.

## Contents of this Release

### Adapter Version

Component	Version
Release Date	July 8, 2009
Adapter Version	5.0.4
Component Versions	Adapter Build 5.0.1002 Profile 5.0.1002 ADK 5.16
Documentation	DB2 Universal Database Adapter Installation and Configuration Guide SC23-6172-00

### New Features

Enhancement # (FITS)	Description
	<b>Items included in current release</b>
	None
	<b>Items included in release 5.0.3 release</b>
	None
	<b>Items included in release 5.0.2 release</b>
OSDB	Recertification of DB2 adapter with DB2 9.5
N/A	Support ROLES (only for - TIM50 adapter & DB2 version 9.5 & above)
	<b>Items included in release 5.0.1 release</b>
	Initial release for Tivoli Identity Manager v5.0

**Closed Issues**

CMVC#	APAR#	PMR# / Description
		<b>Items closed in current version</b>
35478	N/A	N/A Attribute Role Name mismatch in code(erudbroles) & Profile(erudbprivrole).
		<b>Items closed in 5.0.3 version</b>
	IZ48585	07334,300,624 Customlabel not displayed on TIM for attribute "erudbprivrole".
		<b>Items closed in 5.0.2 version</b>
31147	N/A	N/A User lookup is case sensitive for suspended user w/o any privilege.
33514	N/A	N/A If used the special characters for the Support data attributes (Table, Index), Adapter is not behaving as expected, it fails to grant & revoke those attributes for the user.
		<b>Items closed in 5.0.1 version</b>
17161	N/A	If the connection to Identity Manager is lost during a Recon, the adapter will continue to process results. This may temporarily increase memory footprint.
30980	N/A	Corrected the Value level condition code checking.  Corrected error message on modification of the ERUID of the user : Modification of eruid is not supported on the UDB resource. The agent was returning the status as success, but the modification of eruid was not handled in code.  Support for externalroutineauth and quiesceconnectauth Database privilege Administrator User Account & Password moved to Service Form.

**Known Issues**

CMVC#	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>
N/A	N/A	<p>Using the Upgrade Option:</p> <p>The Upgrade option is applicable only to 5.0.x maintenance upgrades. The upgrade option is not designed for v4.6 to v5.0 migrations. NOTE: After using "Update Installation" option with higher version of Adapter, an extra folder with name "_uninst2" is created. It can be ignored. To Uninstall the Adapter, use "_uninst" folder.</p>
N/A	N/A	<p>Event Notification</p> <p>Account status (Active/Inactive) might not be correctly updated on Identity Manager after event notification.</p>
N/A	N/A	<p>This release of the adapter does not support DB2 on zOS. The adapter supports management of DB2 UDB on any distributed platform but the Adapter must be installed on Windows.</p>
		<p>This adapter does not use an xforms.xml file.</p> <p>Errors in the adapter log concerning xforms may be safely ignored. Error message is: "Unable to load XML transformation buffer from..."</p>
N/A	N/A	<p>Suspended user able to login to the DB2 : In Suspend case we are just revoking the "connect database" privilege of the user, Evenafter revoking the "Connect Database" privilege user is able to login to the Database.</p>

## Installation and Configuration Notes

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

### ***Running v4.6 and v5.0 Adapters on the Same Server***

The Identity Manager version 5.0 adapters have enhanced capabilities that are not compatible with older version 4.6 adapters. It is highly recommended that all adapters hosted on an individual server are upgraded at the same time.

Adapters installed on the same server may share common components or run-time environments. The version 4.6 adapters may not be compatible with the version 5.0 component and may no longer operate as expected after installation of a version 5.0 adapter. On Windows servers all adapters must be upgraded simultaneously due to the sharing of DLLs. Check the adapter installation guide for additional information.

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

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

NOTE: The Adapter Installation and Configuration Guide lists Windows 2000 as a supported platform, however, Microsoft has recently ended mainstream support for this version. While there are no known issues associated with hosting the adapter on Windows 2000, if a problem does arise that is tracked to the OS, Tivoli Support will ask you to upgrade to the officially supported version, Windows 2003.

NOTE: the following correction applies to the supported platforms. The correct versions are:  
UDB DB2 version 8.1, 8.2 with DB2 Connect client software version 8.1, 8.2

### ***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:

- LDAP schema management
- Working knowledge of scripting language appropriate for the installation platform
- Working knowledge of LDAP object classes and attributes
- Working knowledge of XML document structure

**Note:** This adapter supports customization only through the use of pre-Exec and post-Exec scripting.

Tivoli Identity Manager Resources:

Check the “Learn” section of the [Tivoli Identity Manager 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:  
Windows 2003

Managed Resource:

UDB DB2 version 8.1, 8.2	-- with -- DB2 Connect client software version 8.1, 8.2
UDB DB2 version 9.1	-- with -- DB2 Connect client software version 9.1
UDB DB2 version 9.5	-- with -- DB2 Connect client software version 9.5

IBM Tivoli Identity Manager:  
Identity Manager v5.0

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