

# Release Notes

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## IBM® Tivoli® Identity Manager Authentication Manager (ACE) v6.1 Adapter

### ***Version 4.6.1***

#### **Tenth Edition (June 15, 2007)**

This edition applies to version 4.6 of this Adapter 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 ACE 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 ACE Server Adapter Configuration and Installation Guide

## Adapter Features and Purpose

The ACE Server Adapter is designed to create and manage ACE Server accounts and Tokens. This adapter must be installed on the server where ACE is installed. For replicated ACE systems, install one Adapter on the primary ACE server.

The ACE Server Adapter is a powerful tool that requires Administrator Level authority. The Adapter operates much like a human system administrator, creating accounts and assigning privileges. 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 permissions.

## Contents of this Release

### *Adapter Version*

Component	Version
Release Date	June 15, 2007
Adapter Version	4.6.1 (build 4.6.1004)
Comm. Libraries	ADK v4.69
Documentation	ACE Server Adapter Installation and Configuration Guide v4.6.0

### *New Features*

Enhancement # (FITS)	Description
	<b>Items included in current release</b>
	None
	<b>Items included in 4.6.0 release</b>
MR1015066031	TIM adapter for RSA ACE 6.1
MR010406401	ITIM Authentication Manager v6.1 adapter
MR0201063345	Support for Ace Server 6.1 (now named RSA Authentication Manager v6.1)
MR0321053434	ACE: Enhancement request for ACE Token Extension Data

**Closed Issues**

DevTrack	APAR#	PMR# / Description
		<b>Items closed in current version</b>
N/A	IY96123	50068,L6Q,000 Group name gets truncated by the Ace 5.2 adapter if length is more than 48 characters.
N/A	IY96234	81260,49R,000 Ace adapter crashes when erUID is null.  Note on Required AuthMan Attributes: This adapter is configured to require the minimum set of attributes to create an AuthMan account. If you have configured your AuthMan system to require additional attributes, IBM suggests that you use the ITIM Form Designer to make these attributes "required." IBM further recommends that your Provisioning Policy be configured to supply these required attributes.  Example: If the "User-Created Pins required" option is checked on the AuthMan Server and the CREATEPIN attribute is not sent in the ITIM request, the agent will log warning message or fail the request.
		<b>Items closed in 4.6.0 version</b>
		None

**Known Issues**

DevTrack	APAR#	PMR# / Description
		None

## Installation and Configuration Notes

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

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

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

### **Supported Authentication Manager Versions**

This adapter supports only Ace Server 6.1. For Ace Server 6.0 and 5.2 please use the ITIM Ace 5.2 adapter.

### **Account Credentials**

During installation, user credentials under which Ace Server 6.1 is installed must be entered. The adapter service will be run under this account. Incorrect configuration may result in adapter service not being started after installation.

### **Required Environment Variables**

For use on HP-UX the following environment variables must be set before installing this adapter:

1. ACE=`dirname \$USR\_ACE`
2. DLC=\$ACE/rdbms/
3. PROMSGS=\$DLC/promsgs
4. PATH=\$USR\_ACE:\$DLC/bin:\$ACE/utls:\$ACE/utls/oldutil:\$PATH
5. PROPATH=\$USR\_ACE/proapi/adbapi.pl:\$USR\_ACE/protrig:\$USR\_ACE/proapi:\$USR\_ACE
6. SHLIB\_PATH=\$USR\_ACE:\$SHLIB\_PATH

For use on Solaris the following environment variables must be set before installing this adapter:

1. ACE=`dirname \$USR\_ACE`
2. DLC=\$ACE/rdbms/
3. PROMSGS=\$DLC/promsgs
4. PATH=\$USR\_ACE:\$DLC/bin:\$ACE/utls:\$ACE/utls/oldutil:\$PATH
5. PROPATH=\$USR\_ACE/proapi/adbapi.pl:\$USR\_ACE/protrig:\$USR\_ACE/proapi:\$USR\_ACE
6. LD\_LIBRARY\_PATH=\$USR\_ACE:\$LD\_LIBRARY\_PATH

## Configuration Notes

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

### Maximum Token Limit:

The ACE/Server limits the number of tokens to three. When assigning a password to a user, the ACE/Server will treat that as a special token, hence, the available numbers of tokens will become two.

### Assigning Password:

When applying (assigning) a Password to a user, the Agent must receive the following:

- a) The password, passed in the Password attribute.
- b) Duration of the password is valid, passed in two attributes:
  - Days attribute (number of days password is valid).
  - Duration attribute (number of hours password is valid).
- c) PasswordToken attribute MUST be set to YES.

### Un-Assigning Tokens:

When Un-Assigning the Last Tokens from a user, the ACE/Server will delete the user from the database unless one of the following is true:

- a) The user belongs to any group
- b) The user is enabled on any client.
- c) The user is an administrator.
- d) The user record has extension fields.

If any of the above is true, the ACE/Server will fail the un-assignment of a token, and the Agent will fail the transaction as well.

In the event where the user is deleted due to un-assigning of the last token, the Agent will re-add the user without any tokens. The Agent will use the existing Login ID, Last Name, First Name, Default Shell and Create PIN mode to re-add the user

### Suspend/Restore a User:

Suspending a user implies that all the user's tokens will be disabled.

Restoring a user implies that all the user's tokens will be enabled.

### Using the User Extension Data Feature

The user extension data is a key-data pair and must follow these conventions:

**Key:** Name for the extension data field. The key can be up to 48 characters.  
If key contains a colon (":") then it must be escaped with "\".  
The key may not contain " , " as this sequence is used by Ace Server while returning  
The key-data pair.

**Data:** Data that you want to store in this field. The value can be up to 80 characters.

**Format:** The key-data pair must be separated by ":"  
Example "key1:value1" where key=key1 and data=value1.

## Supported Configurations

### ***Installation Platform***

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

Adapter Installation Platform:

HP-UX 11i  
HP-UX 11i v2

Solaris 8  
Solaris 9

Windows 2000 server  
Windows 2003 server

Managed Resource:

RSA Authentication Manager (ACE/Server) v6.1 on HP-UX

IBM Tivoli Identity Manager:

ITIM 4.6  
ITIM Express 4.6

#### IMPORTANT NOTE:

This adapter manages ONLY version 6.1 of Authentication Manager (ACE).  
This Adapter must be installed on the same server as the ACE system.



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