

Release Notes



IBM[®] Tivoli[®] Identity Manager HP-UX NIS Adapter

Version 5.0.1

First Edition (December 7, 2007)

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 HP-UX NIS 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 HP-UX Adapter with NIS Support Installation and Configuration Guide

Adapter Features and Purpose

The HP-UX NIS Adapter is designed to create and manage NIS accounts on HP-UX. The adapter runs in “agent” mode and must be installed on the NIS Master. Use the adapter for management of NIS accounts only. For non-NIS accounts on HP-UX, use the Unix and Linux Adapter.

IBM requires the installation of this adapter on the HP-UX NIS Master. 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	December 7, 2007
Adapter Version	5.0.1
Component Versions	Adapter Build 5.0.1000 Profile 5.0.1000 ADK 5.07
Documentation	HP-UX Adapter with NIS Support Installation and Configuration Guide SC23-6150-00

New Features

Enhancement # (FITS)	Description
	Items included in current release
	Initial release for TIVOLI IDENTITY MANAGER v5.0

Closed Issues

CMVC#	APAR#	PMR# / Description
		Items closed in current version
30854	N/A	In case that user tries to set empty data ("" or null data) in the erExpirationDate,attribute, the adapter should remove the attribute data from the resource without any data validation.

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>CertTool</p> <p>After using CertTool, an empty file with name <AdapterName>.dat gets created. This file can be safely removed or ignored.</p>
N/A	N/A	FIPS is not supported on this release of the adapter.
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>

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 agent must be installed on the HP-UX NIS Master non-trusted system.

Configuration Notes

The following configuration notes apply to this release:

Before running the adapter make sure that NIS Server is configured correctly. Log into the master server and issue the following command: `/usr/bin/ypwhich -m`

The ypwhich -m command gives the name of the master server that serves each map.

NIS requires that the UNIX security system use `/etc/passwd`, rather than the Trusted Computing Base (TCB), as the master password file. Therefore, NIS can only be used with the “Traditional” or “Low” security default packages, because the “High” and “Improved” security default packages use the TCB as the master password file.

NOTE: This Adapter does not support management of local UNIX accounts.

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:

HP-UX 11i PA-Risc CPUs
HP-UX 11iv2 PA-Risc or Itanium CPUs
-- with – NIS Master (non-trusted) Server

Managed Resource:

HP-UX 11i PA-Risc CPUs
HP-UX 11iv2 PA-Risc or Itanium CPUs

IBM Tivoli Identity Manager:

Identity Manager v5.0

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End of Release Notes