

# Release Notes

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## IBM® Tivoli® Identity Manager GroupWise Adapter

### ***Version 5.1.5***

**First Edition (September 13, 2013)**

This edition applies to version 5.1 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 GroupWise Adapter.

These Release Notes contain information for the following products that was not available when the IBM Tivoli Identity Manager manuals were printed:

- GroupWise Adapter for Windows Operating Systems Installation and Configuration Guide

## Adapter Features and Purpose

The Novell GroupWise Adapter is designed to create and manage email accounts on GroupWise. The adapter runs in “agentless” mode and communicates using GroupWise API and Novell Client API 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.

## Service Groups Management

The ability to manage service groups is a new feature introduced in TIM 5.1. By service groups, TIM 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 that service group name change is not supported in TIM 5.1 release.

**The GroupWise adapter does not support service groups management.**

## Contents of this Release

### ***Adapter Version***

| Component          | Version  |
|--------------------|--|
| Release Date       | September 13, 2013   |
| Adapter Version    | 5.1.5  |
| Component Versions | Adapter Build 5.0.1006<br>Profile 5.0.1003<br>ADK 5.20   |
| Documentation      | GroupWise Adapter for Windows Operating Systems Installation and Configuration Guide<br>SC23-9628-00 |

## New Features

| Enhancement # | Description   |
|---------------|---|
|               | <b>Items included in current release</b>  |
|               | Support for: <ul style="list-style-type: none"><li>• GroupWise 2012 SP2</li><li>• GroupWise 8.0.3 HP3</li></ul>   |
|               | Installer upgraded to InstallAnywhere 2011 SP4  |
|               | <b>Items included in 5.1.4 release</b>  |
| RFE 13585     | Support for: <ul style="list-style-type: none"><li>• Windows Server 2008 Enterprise (32-bit) SP2</li><li>• GroupWise 2012 Server</li><li>• Novell Client 2 SP2 IR4a</li></ul> |
|               | <b>Items included in 5.1.3 release</b>  |
|               | Ability to run adapter in agentless configuration.  |
|               | <b>Items included in 5.1.2 release</b>  |
| MR0630092158  | Need Groupwise version 8 supported by ITIM.   |

**Closed Issues**

| RTC#  | APAR# | PMR# / Description   |
|-------|-------|--|
|       |       | <b>Items closed in current version</b>   |
| 92617 |       | Adapter writes password in cleartext in debug log when doing password change operation |
|       |       | <b>Items closed in 5.1.4 version</b>   |
|       |       | None   |
|       |       | <b>Items closed in 5.1.3 version</b>   |
|       |       | PMR# 12380,999,744   |
|       |       | <b>Items closed in 5.1.2 version</b>   |
|       |       | None   |

***Known Issues***

| RTC# | APAR# | PMR# / Description |
|------|-------|--------------------|
|      |       | None               |

## Installation and Configuration Notes

See the "GroupWise Adapter for Windows Operating Systems Installation and Configuration Guide" for detailed instructions.

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

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

Due to the change of Installer from InstallShield to InstallAnywhere, the following text replaces the Chapter 4 of the Installation guide

#### **Installing and uninstalling the GroupWise Adapter by using the silent mode**

You can install and uninstall the GroupWise Adapter by using the silent mode. Silent installation suppresses the wizard and does not display any information or requires interaction. You can use the `-silent` option to install or uninstall the adapter in silent mode.

You must create a response file, before you can install with silent mode.

#### **Response file creation and silent installation**

You can use response files to provide inputs during silent installation. You can either generate a response file or create one manually.

#### **Generating the response file**

You can generate a response file by running the following command:

```
setup.exe -r "Full path of response file"
```

#### **Example:**

```
setup.exe -r "C:\GroupWiseResp.txt"
```

This command runs the installer in interactive mode and installs the adapter. You must supply information for each of the installation prompts. After the installation is completed, the file specified as Full path of response file is created. It contains the information you supplied for the required parameters. You can use this file for later installations.

#### **Creating the response file manually**

You can also manually create the response file and add the required parameters to the file.

Create a text file, for example C:\GroupWiseResp.txt with the following content:

```
#Indicate whether the license agreement been accepted
#-----
LICENSE_ACCEPTED=TRUE

#Select Install Type
#-----
USER_INPUT_INSTALL_TYPE="Full Installation", "\"\"
USER_INPUT_INSTALL_TYPE_1=Full Installation
USER_INPUT_INSTALL_TYPE_2=
USER_INPUT_INSTALL_TYPE_BOOLEAN_1=1
USER_INPUT_INSTALL_TYPE_BOOLEAN_2=0
```



```
#Adapter Name
#-----
AgentName=\"GroupwiseAgent\"
AgentName_1=GroupwiseAgent
AgentName_BOOLEAN_1=

#Choose Install Folder
#-----
USER_INSTALL_DIR=C:\\Tivoli\\agents\\GroupwiseAgent

#Groupwise Adapter Configuration Settings
#-----
AdminFieldSeparator==
DLFieldSeparator=:
NicknameFieldSeparator=:
ResourceAdministrator=Administrator
UserIDUniqueinDomain_YES=1
UserIDUniqueinDomain_NO=0
AttributesnotRECONCILED=
```

If you do not want to restart the server after the adapter is installed, add this line to the end of the response file.

```
USER_REQUESTED_RESTART=NO
```

After you create the response file, you can use it to provide parameters to the installer for silent installation:

```
setup.exe -i silent -f "Full path of response file"
```

Example:

```
setup.exe -i silent -f "C:\\GroupWiseResp.txt"
```

### Adapter uninstallation in silent mode

Run the `uninstaller.exe` command with the `-silent` option to uninstall the GroupWise Adapter.

At the command line, type:

```
uninstaller.exe -silent
```

Specify the full path when you are not running the command from the `_uninst` directory of the adapter installation directory.

```
C:\\Tivoli\\agents\\GroupwiseAgent\\_uninst\\uninstaller.exe -i silent
```

### Prerequisites

"Novell Client for Windows" provides `calwin32.dll`, which is required by the adapter. Therefore, Novell Client for Windows needs to be installed on the host on which the adapter is installed. Otherwise the adapter will fail to start with the error message "This application has failed to start because CALWIN32.DLL was not found. Re-installing the application may fix this problem."

However, it is to be noted that `calwin32.dll` is a prerequisite for Groupwise in general. For example, the groupwise client too fails to start with exactly the same error when Novell client is not installed.

This adapter has been tested with Novell client v4.91 SP5 and Novell Client 2 SP2 IR6a.

**Upgrading from v5.0 to v5.1**

No additional steps are needed to install the 5.1 version of this adapter on an existing 5.0 adapter version. However, you must import the 5.1 service type (profile) version after installing the adapter.

**Upgrading to ADK v5.14 or higher**

When upgrading to from an earlier version of the adapter to a version with ADK v5.14 or higher, the Event Notification file (<eventContextName>.dat) must be manually removed. The file will be recreated automatically when the first full Recon is run.

***Configuration Notes***

The following configuration notes apply to this release:

This release adds support for agentless configurations. The service form now has two additional fields:

- 1) Groupwise Admin ID  
This is the username of the administrative user on the groupwise server which has read/write permissions on the domain directory.
- 2) Groupwise Admin Password  
The password for the above user.

**Agentless Configuration setup procedure**

For the adapter to run in agentless configuration, the following procedure needs to be followed:

1. Unzip the adapter package zip file "GroupWise-5.x.x.zip"  
The files of interest are setup.exe and GrpWiseProfile.jar
2. On the Adapter host:
  - Run the above setup.exe
  - Choose "Update Installation"
  - If prompted, allow the installer to reboot the host.
  - After reboot, go to control panel > Administrative tools > services.
  - Stop the "Tivoli Groupwise Agent" service.
  - Right click and select "properties"
  - Click on the "LogOn" tab.
  - Set the radio button to "This account" and specify the local administrator's username and password.
  - Click OK.
  - Start the "Tivoli Groupwise Agent" service.
3. On the Groupwise Server Host:
  - Share the Groupwise Domain directory, with read+write permissions to the Groupwise administrative user.
4. On the TIM host:
  - Copy over the GrpWiseProfile.jar to the TIM host.
  - Import the profile in TIM.

- Create a new service using the "Groupwise Profile", with the two new attributes (Groupwise Admin ID, Password) specified.
- Specify the "Domain Path" (.ie. the Groupwise domain directoy shared from the Groupwise server host) in UNC format (ex. \\myhost.myorg.com\gw8dom). NOTE: Use the FQDN of the host in the UNC path, not just the hostname.
- The service config would look similar to picture shown below. NOTE: The "NDS Server" field may be specified as an IP address as well.
- Do a "Support data reconciliation".

The screenshot shows a 'Change Service' dialog box with the following fields and values:

- \*URL: http://adapterhost.mylab.myorg
- \*User ID: agent
- \*Password: (masked with dots)
- \*Domain Path: \\GWserver.mylab.myorg\dom8
- Groupwise Admin ID: root
- Groupwise Admin Password: (masked with dots)
- \*NDS Server: NDSserver.mylab.myorg
- \*NDS Tree: mytree
- \*NDS Context: mycontext
- \*NDS Username: admin
- \*NDS Password: (empty)

## 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 Security Identity Manager Adapter was built and tested on the following product versions.

Adapter Installation Platform:

Microsoft Windows Server 2003 Enterprise Edition SP2  
Microsoft Windows Server 2008 Enterprise Edition SP2  
Microsoft Windows Server 2008 R2 Enterprise Edition SP1

Managed Resource:

- Novell GroupWise v7.0.4  
Running on  
    Microsoft Windows Server 2003 Enterprise Edition, SP2  
    or  
    Suse Enterprise Linux 10, SP2  
-- with --  
GroupWise Client v7.0.4  
Novell Client 4.91 SP5
- Novell GroupWise v8.0.3 HP3  
Running on  
    Microsoft Windows Server 2003 Enterprise Edition SP2, or  
    Microsoft Windows Server 2008 Enterprise Edition SP2, or  
    Microsoft Windows Server 2008 R2 Enterprise Edition SP1, or  
    Suse Enterprise Linux 10, SP2  
-- with --  
GroupWise Client v8.0.3  
Novell Client 2 SP2 IR6a, or  
Novell Client 2 SP3 IR3 (for Windows 2008 R2 only)
- Novell GroupWise 2012 SP2  
Running on  
    Microsoft Windows Server 2008 Enterprise Edition SP2, or  
    Microsoft Windows Server 2008 R2 Enterprise Edition SP1  
-- with --  
GroupWise Client 2012 SP2, or  
GroupWise Client v8.0.3  
Novell Client 2 SP2 IR6a, or  
Novell Client 2 SP3 IR3 (for Windows 2008 R2 only)

(Note: GroupWise and Novell Clients should be installed on the machine where the adapter is installed)

IBM Tivoli Identity Manager:

Identity Manager v5.1

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