

# Novell Identity Manager 4.0.1 Integration Module for Linux\* and UNIX\*

April 15, 2011

Novell®

## 1 Overview

The Novell® Identity Manager 4.0.1 Integration Module for Linux and UNIX comes with two provisioning options: Bidirectional and Fan-Out. With these options, you have the full range of capabilities to satisfy your authentication and data provisioning needs.

## 2 Version Support

Connected Platform	Versions Supported by Bidirectional Driver	Versions Supported by Fan-Out Platform Services
AIX*	5.1, 5.2, 5.3, 6.1	5.1, 5.2, 5.3, 6.1
HP-UX*	11.11, 11.23 (RISC and IA64_32)	11.11, 11.23 (RISC and IA64_32), 11.31 (IA64_32 and IA64_64)
Solaris* SPARC*	8, 9, 10	8, 9, 10
Solaris x86	10	10
SUSE® Linux	9, 10 (32-bit, 64-bit), 11 (32-bit, 64-bit)	9, 10 (32-bit, 64-bit), 11 (32-bit, 64-bit)
SUSE Linux s390x	10 (64-bit), 11 (64-bit)	10 (64-bit), 11 (64-bit)
Red Hat* Linux	4, 5 (32-bit, 64-bit), 6 (32-bit, 64-bit)	4, 5 (32-bit, 64-bit), 6 (32-bit, 64-bit)
CentOS	5 (32-bit, 64-bit)	5 (32-bit, 64-bit)
Debian*	N/A	3.1
FreeBSD*	N/A	5.5
Tru64*	N/A	5.1
VMWare* ESX	N/A	3.5

Core Driver Platform	Versions Supported by Core Driver
Windows*	Any supported by the Identity Manager version in use
Linux	Any supported by the Identity Manager version in use
Solaris	Any supported by the Identity Manager version in use

## 3 Feature Overview

Feature	Bidirectional	Fan-Out
Data Publishing from Platform to Identity Manager	Yes	No
Data Subscribing from Identity Manager to Platform	Yes	Yes
Provisioning to Hundreds of Platforms with a Single Driver	No	Yes
Bidirectional Password Synchronization	Yes	Yes
Administrative Password Resets from Platform	Yes	No
Administrative Password Resets to Platform	Yes	Yes
End User Password Replication to and from Platform	Yes	Yes
Authentication Redirection	No	Yes
Enforcement of Universal Password Rules on Platform Login	No	Yes
Universal Password Replication Support	Yes	Yes
Event-Triggered Shell Scripts for Provisioning	Yes	Yes
Event- and Poll-Based Publishing	Yes	No
Role-Based Entitlements and Approval Workflow	Yes	No
Audit Enabled	Yes	Yes
Password Self-Service Support	Yes	Yes
iManager Plug-In	Yes	Yes
Password Failure Email Notification Support	Yes	No
APIs to Simplify Programmatic Directory Access	No	Yes

## 4 Bidirectional Overview

The Bidirectional driver provides complete integration with Identity Manager for full data and password synchronization. This driver provides data customization with Identity Manager policies, using standard security system commands. Each subscribed eDirectory™ data change event is converted into a security system command. Security system commands are captured and published to Identity Manager for appropriate eDirectory updates.

## 5 Fan-Out Overview

The Fan-Out driver provides for delegated logic and control to your system administrators. You can process any Identity Manager data change event with a script on the platform. The Fan-Out driver provides for fan-out to hundreds of systems from a single driver. Authentication redirection provides login support for Universal Password, accessing a central repository for login and password rules. Full bidirectional password synchronization is also supported.

The Fan-Out driver has two components: the Core Driver and Platform Services. The Core Driver provides event fan-out to target platforms running Platform Services. A single Core Driver can support many platforms running Platform Services, regardless of platform operating system.

## 6 Documentation Conventions

In this documentation, a greater-than symbol (>) is used to separate actions within a step and items in a cross-reference path.

A trademark symbol (® , TM, etc.) denotes a Novell trademark; an asterisk (\*) denotes a third-party trademark

## 7 Legal Notices

Novell, Inc. makes no representations or warranties with respect to the contents or use of this documentation, and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose. Further, Novell, Inc. reserves the right to revise this publication and to make changes to its content, at any time, without obligation to notify any person or entity of such revisions or changes.

Further, Novell, Inc. makes no representations or warranties with respect to any software, and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose. Further, Novell, Inc. reserves the right to make changes to any and all parts of Novell software, at any time, without any obligation to notify any person or entity of such changes.

Any products or technical information provided under this Agreement may be subject to U.S. export controls and the trade laws of other countries. You agree to comply with all export control regulations and to obtain any required licenses or classification to export, re-export, or import deliverables. You agree not to export or re-export to entities on the current U.S. export exclusion lists or to any embargoed or terrorist countries as specified in the U.S. export laws. You agree to not use deliverables for prohibited nuclear, missile, or chemical biological weaponry end uses. Please refer to the [Novell International Trade Services Web page \(http://www.novell.com/info/exports/\)](http://www.novell.com/info/exports/) for more information on exporting Novell software. Novell assumes no responsibility for your failure to obtain any necessary export approvals.

Copyright © 2011 Novell, Inc. All rights reserved. No part of this publication may be reproduced, photocopied, stored on a retrieval system, or transmitted without the express written consent of the publisher.

Novell, Inc. has intellectual property rights relating to technology embodied in the product that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the U.S. patents listed on the [Novell Legal Patents Web page \(http://www.novell.com/company/legal/patents/\)](http://www.novell.com/company/legal/patents/) and one or more additional patents or pending patent applications in the U.S. and in other countries.

For Novell trademarks, see the [Novell Trademark and Service Mark list \(http://www.novell.com/company/legal/trademarks/tmlist.html\)](http://www.novell.com/company/legal/trademarks/tmlist.html).

All third-party trademarks are the property of their respective owners.