Novell Privileged User Manager 2.3 Readme

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Novell®

1 Documentation

The following sources provide information about Privileged User Manager:

- Privileged User Manager 2.3 Documentation Site (http://www.novell.com/documentation/privilegedusermanager23/index.html)
- Novell Support (http://www.novell.com/support/microsites/microsite.do)

2 Installing Privileged User Manager 2.3

Privileged User Manager can be downloaded from the Novell Downloads site (http://download.novell.com/index.jsp).

To obtain the purchased license, log in to the Novell Customer Center (http://www.novell.com/center) and follow the link that allows you to download the software and the license key.

The ISO image contains the following directories and files for Framework Managers, Agents, and the Package Manager.

- Section 2.1, “AIX,” on page 1
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- Section 2.3, “Linux,” on page 2
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- Section 2.8, “Windows,” on page 5
- Section 2.9, “Package Manager,” on page 6

2.1 AIX

Package
`novell-npum-agent-2.3.0-aix-5.1-powerpc.bff.gz`
Agent package for AIX* 5.1
`novell-npum-manager-2.3.0-aix-5.1-powerpc.bff.gz`
Framework Manager package for AIX 5.1

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html)
- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.2 HP-UX

Package
`novell-npum-agent-2.3.0-hpux-11.00-hppa.depot.gz`
Agent package for HP-UX 11 and 11i HPPA
`novell-npum-agent-2.3.0-hpux-11.23-ia64.depot.gz`
Agent package for HP-UX 11i v2 and v3 Itanium*
`novell-npum-manager-2.3.0-hpux-11.00-hppa.depot.gz`
Framework Manager package for HP-UX 11 & 11i HPPA
`novell-npum-manager-2.3.0-hpux-11.23-ia64.depot.gz`
Framework Manager package for HP-UX 11i v2 and v3 Itanium

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html)
- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.3 Linux

Package
`novell-npum-agent-2.3.0-linux-2.6-s390x.rpm`
Agent package for Linux on zSeries mainframes with a 2.6 kernel.
`novell-npum-agent-2.3.0-linux-2.6-x86_64.rpm`
Agent package for Linux on Intel 64-bit machines with a 2.6 kernel
`novell-npum-agent-2.3.0-linux-2.6-intel.rpm`
Agent package for Linux on Intel 32-bit machines with a 2.6 kernel
`novell-npum-manager-2.3.0-linux-2.6-s390x.rpm`

Package
Framework Manager package for Linux on zSeries mainframes with a 2.6 kernel
`novell-npum-manager-2.3.0-linux-2.6-x86_64.rpm`
Framework Manager package for Linux on Intel 64-bit machines with a 2.6 kernel
`novell-npum-manager-2.3.0-linux-2.6-intel.rpm`
Agent package for Linux on Intel 32-bit machines with a 2.6 kernel
`novell-npum-manager-2.3.0-linux-2.6-intel.rpm`
Framework Manager package for Linux on Intel 32-bit machines with a 2.6 kernel

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html)
- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.4 SLES10

Package
`novell-pum-2.3.0-22885.i586.rpm`
Agent package on SLES10 32-bit machine
novell-pum-2.3.0-22885.x86_64.rpm
Agent package on SLES10 64-bit machine
`novell-pum-manager-2.3.0-22885.i586.rpm`
Framework Manager package on SLES10 32-bit machine
`novell-pum-manager-2.3.0-22885.x86_64.rpm`
Framework Manager package on SLES10 64-bit machine

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html)
- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.5 SLES11

Package
`novell-pum-2.3.0-22885.i586.rpm`
Agent package on SLES11 32-bit machine
novell-pum-2.3.0-22885.x86_64.rpm
Agent package on SLES11 64-bit machine
`novell-pum-manager-2.3.0-22885.i586.rpm`
Framework Manager package on SLES11 32-bit machine
`novell-pum-manager-2.3.0-22885.x86_64.rpm`
Framework Manager package on SLES11 64-bit machine

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html)
- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.6 Solaris

Package
`novell-npum-agent-2.3.0-solaris-2.8-intel.pkg.gz`
Agent package for Solaris* 2.8 Intel
`novell-npum-agent-2.3.0-solaris-2.8-sparc.pkg.gz`
Agent package for Solaris 2.8 SPARC*
`novell-npum-manager-2.3.0-solaris-2.8-intel.pkg.gz`
Framework Manager package for Solaris 2.8 Intel
`novell-npum-manager-2.3.0-solaris-2.8-sparc.pkg.gz`
Framework Manager package for Solaris 2.8 SPARC

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html)
- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.7 Tru64

Package
`novell-npum-agent-2.3.0-tru64-5.0-alpha.tar.gz`
Agent package for Tru64 v5.x OSF1

For installation instructions, see the following sections in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html):

- "Installing the Agents" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjh3fan.html)

2.8 Windows

Package
`novell_pum_agent_2.3.0_x86.msi`
Agent package for Windows 32 bits
`novell_pum_agent_2.3.0_x64.msi`
Agent package for Windows 64 bits
`novell_pum_manager_2.3.0_x86.msi`
Framework Manager package for Windows 32 bits
`novell_pum_manager_2.3.0_x64.msi`
Framework Manager package for Windows 64 bits

For installation instructions, see "Installing a Framework Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjfg2kq.html) in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html).

2.9 Package Manager

Package
`novell-npum-packages-2.3.0.tar.gz` Zipped file for setting up a local package manager.

For instructions on how to set up either the Framework Manager or an agent to be the local package manager, see "Setting Up a Package Manager" (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/bjjnusa.html) in the *Novell Privileged User Manager Getting Started Guide* (http://www.novell.com/documentation/privilegedusermanager23/npum_install/data/index.html).

3 Upgrading from Novell Privileged User Manager 2.2 to 2.3

To upgrade from Novell Privileged User Manager 2.2 to 2.3, you can download the packages from the Novell Customer Center (http://www.novell.com/center) or from Novell Downloads (http://download.novell.com/index.jsp). Then you must add the packages to your Framework Manager and update your system with the Framework patch.You can then update the other packages.

To install new 2.3 agents, you need to download the ISO image from Novell Downloads (http://download.novell.com/index.jsp) or from the Novell Customer Center (http://www.novell.com/center).

4 New Features

- Section 4.1, "Windows Audit," on page 6
- Section 4.2, "Privileged Account," on page 7
- Section 4.3, "Remote Desktop Protocol Relay," on page 7
- Section 4.4, "Secure Shell Relay," on page 7
- Section 4.5, "LDAP Group Lookup," on page 7

4.1 Windows Audit

Windows Audit is a service that enables you to view all the real-time and historical user activities on a local or remote Windows system. The user activities are known from the captured event log messages, which show all the user inputs and the resulting processes.

The user inputs are captured to the level of every keystroke and mouse clicks. For example, when the *OK* button is clicked, an event saying `the OK button is clicked` is generated and sent to the Windows Audit service.

For detailed information see "Monitoring the User Activities" (http://www.novell.com/documentation/privilegedusermanager23/npum_admin/index.html?page=/documentation/privilegedusermanager23/npum_admin/data/brxvko5.html) in the Novell Administration Guide.

4.2 Privileged Account

The privileged account credentials and domain information are stored in domains and credentials. The user can create multiple credentials for a single domain.The credentials are securely stored in an encrypted form

For detailed information see “Privileged Accounts” (http://www.novell.com/documentation/privilegedusermanager23/npum_admin/data/brxgotr.html) in the the Novell Administration Guide.

4.3 Remote Desktop Protocol Relay

Remote Desktop Protocol Relay remotely connects you from the manager to a Windows machine without an agent; and, relays the executed commands through a secured connection.

For detailed information see “Remote Desktop Protocol Relay” (http://www.novell.com/documentation/privilegedusermanager23/npum_admin/data/brxx1hn.html) in the Novell Administration Guide.

4.4 Secure Shell Relay

Secure Shell Relay (SSH Relay) provides the ability to access privileged accounts using a standard SSH client. This feature provides the ability to access Privileged User Manager functionality without a PUM agent on the target host.

SSH Relay allows users to connect to a remote host using secure shell without knowing the privileged account credentials such as password or identity certificate of the user.

For detailed information see “Secure Shell Relay” (http://www.novell.com/documentation/privilegedusermanager23/npum_admin/data/bskgwg9.html) in the Novell Administration Guide.

4.5 LDAP Group Lookup

The LDAP Group lookup feature can be used to retrieve LDAP group membership information for a user stored in external LDAP directories, such as Novell eDirectory or Microsoft Active Directory. The information fetched can be used to perform external group matching in rules.

For detailed information see "LDAP Group Lookup" (http://www.novell.com/documentation/privilegedusermanager23/npum_admin/data/brxvkf6.html) in the Novell Administration Guide

5 Known Issues

5.1 LDAP server certificate validation is ignored

On Windows and Linux platforms the LDAP server certification validation is ignored at the client side.

5.2 Uninstaller does not remove all PUM files and registry entries

When you uninstall Privileged User Manager, the uninstaller does not remove all the PUM files and registry entries.

To remove the complete Privileged User Manager folder, manually delete the existing files and restart the system.

5.3 RDP Relay related error message

An error message, "`This computer cannot connect to the remote computer`" is displayed when host name cannot be resolved either from DNS or Hosts file on a machine from where a user is trying to connect to an RDP relay session using RDP relay feature.

To resolve this issue, on the Windows machine from where you are trying to run the RDP relay session, add the hostname resolved to IP address on hosts file.

5.4 Account Domains are not Imported or Exported in Command Control

Account Domains are not imported or exported with the rest of the configuration for Command Control.

5.5 RPM upgrade issues on SLES platform

While upgrading RPM on SLES platforms from version 2.2.2.x to 2.3, new packages such as LDAP agent, SSH relay agent, SSH agent and Privileged Credential manager are unregistered.

To resolve this issue, do one of the following:

- Use the `unifi regclnt` register to re-register the packages to manager.
- Use the console to register the packages in hosts console.

5.6 RDP session cannot be connected when a screensaver or lock screen prompts appears

During an RDP session, if a screensaver appears or if the user locks the system, the RDP session cannot be connected.

To resolve this issue, you have to close the active RDP session and reconnect to a new RDP session.

5.7 Package Manager Update Issue

While upgrading from version 2.2.2 to 2.3 using Package Manager, new packages such as Privileged Credential Manager, SSH Relay Agent, SSH Agent are not installed.

To resolve this issue, install the new packages through the host's `Install packages` option.

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