

# Novell Client 2.0 SP2 for Linux Installation Quick Start

## Installing the Novell Client for Linux

Novell®

This document explains how to install the Novell Client for Linux software on a workstation.

For information on installing a preconfigured version of the Novell Client, see “[Using Configuration Files to Preconfigure the Novell Client](#)” in the *Novell Client 2.0 SP2 for Linux Administration Guide*.

- ♦ “[System Requirements](#)” on page 1
- ♦ “[Using the YaST Control Center to Install the Novell Client](#)” on page 1
- ♦ “[Using the Installation Script to Install the Novell Client](#)” on page 2
- ♦ “[Uninstalling the Novell Client for Linux](#)” on page 2

### SYSTEM REQUIREMENTS

The Novell Client 2.0 SP2 for Linux requires workstations running:

- ♦ SUSE® Linux Enterprise 11 (32-bit or 64-bit)

**IMPORTANT:** Do not install the 32-bit version of the Novell Client 2.0 SP2 for Linux onto a 64-bit operating system. If you do so, you will lose the ability to log into the GUI credential provider. You will see the error message, “Authentication Failed,” and will be unable to log in.

**NOTE:** To install Novell Client on SLES 11, you must ensure that you obtain the `gtk 1.x` package from the SLED 11 installation media as `gtk 1.x` is a prerequisite for Novell Client and is not packaged with SLES 11.

### USING THE YAST CONTROL CENTER TO INSTALL THE NOVELL CLIENT

Using YaST to install the Novell Client for Linux requires the following steps:

1. [Installing the Novell Client for Linux](#)
2. [Starting or Restarting the Novell Client for Linux](#)

#### Installing the Novell Client for Linux Packages

- 1 Make sure you have updated the workstation to the latest SUSE Linux Enterprise 11 patches.
- 2 Launch the YaST Control Center.

**GNOME:** Click *Computer > More Applications > System > YaST*.

**KDE:** Click the menu button > *System > YaST*.

- 3 If you are not logged in as `root`, type the root password, then click *Continue*.
- 4 Click *Software* in the left column, then click *Add-on Product* in the right column.
- 5 Select the appropriate Add-on Product source (such as *CD, DVD, or Local Directory*), then click *Next*.  
**TIP:** Select *Local Directory* if you downloaded the file from [Novell Downloads \(http://download.novell.com\)](http://download.novell.com).
- 6 Follow the on-screen instructions for the installation source you specified in [Step 5](#).

For example, you might be prompted to insert the Novell Client for Linux CD, or to specify which local directory contains a copy of the downloaded Novell Client for Linux files.

- 7 Select *Yes, I Agree to the License Agreement*, then click *Next*.
- 8 Select *Patterns* from the *Filter* drop-down list.
- 9 Select *Novell Client for Linux* in the *Additional Software* category.
- 10 The *Novell Client for Linux* check box should already be selected. If it is not, select it to automatically select all packages for installation.
- 11 Click *Accept* to install all of the Novell Client for Linux packages.
- 12 Start the Novell Client for Linux.  
See “[Starting or Restarting the Novell Client for Linux](#)” on page 1.

For more information, see “[Using the Novell Client Tray Application](#)” in the *Novell Client 2.0 SP2 for Linux User Guide*.

#### Starting or Restarting the Novell Client for Linux

Use any of the following methods to start or restart the Novell Client for Linux:

- ♦ **Restart the Linux Workstation:** This is the best way to ensure that the Novell Client for Linux is completely restarted.

- ♦ **Manually Start the Novell Client:** Open a terminal window and log in as `root`. From the `/opt` directory, enter one of the following commands:
    - ♦ **New Installations:** `/opt/novell/ncl/bin/ncl_control start`  
This command loads all the Novell Client for Linux daemon modules.
    - ♦ **Updates:** `/opt/novell/ncl/bin/ncl_control restart`  
This command stops and then reloads all the Novell Client for Linux daemon modules.
- If either of these commands displays any errors, restart the Linux\* machine.

In addition, `/opt/novell/ncl/bin/ncl_control status` shows whether the Novell Client for Linux drivers are loaded properly, and `/opt/novell/ncl/bin/ncl_control stop` stops all Novell Client for Linux daemon modules.

### USING THE INSTALLATION SCRIPT TO INSTALL THE NOVELL CLIENT

An installation script called `ncl_install` is provided in the Novell Client for Linux `.tar.gz` file that you downloaded from [Novell Downloads \(http://download.novell.com\)](http://download.novell.com). This script can be used to install, update, verify installation, display information, and uninstall the Novell Client directly from a command prompt using documented RPM commands. This same script is copied to the `/opt/novell/ncl/bin` directory during the installation of the Client for later use in verifying or uninstalling the Client.

**NOTE:** During installation of novell-client using `ncl_install`, you will be prompted to download the appropriate package before it is actually installed. This is because `zypper` is used instead of `rpm` for installation.

Run these commands from the directory where you unarchived the Client download file or from `/opt/novell/ncl/bin` after the initial installation. You must be logged in as `root` to run these commands.

**Table 1** *ncl\_install Commands*

Command	Description
<code>./ncl_install install</code>	Installs the Novell Client for Linux.
<code>./ncl_install install force</code>	Forces the installation of all Novell Client for Linux packages.
<code>./ncl_install upgrade</code>	Upgrades the Novell Client for Linux.
<code>./ncl_install upgrade force</code>	Forces the upgrade of all Novell Client for Linux packages.

Command	Description
<code>./ncl_install uninstall</code>	Uninstalls all Novell Client for Linux packages.
<code>./ncl_install verify</code>	Verifies the installation of all installed Novell Client for Linux packages.
<code>./ncl_install information</code>	Displays summary information for all installed Novell Client for Linux packages.
<code>./ncl_install files</code>	Displays a list of all files contained in the Novell Client for Linux packages.

### UNINSTALLING THE NOVELL CLIENT FOR LINUX

Use either of the following methods to uninstall the Novell Client for Linux:

- ♦ [“Using the YaST Control Center to Uninstall” on page 2](#)
- ♦ [“Using the Installation Script to Uninstall” on page 3](#)

#### Using the YaST Control Center to Uninstall

- 1 Launch the YaST Control Center.
  - GNOME:** Click *Computer > More Applications > System > YaST*.
  - KDE:** Click the menu button *> System > YaST*.
- 2 Click *Software* in the left column, then click *Software Management* in the right column.
- 3 Select *Patterns* from the *Filter* drop-down list.
- 4 Select *Novell Client for Linux* from the *Additional Software* category to see the list of installed packages.
- 5 Click the check box to the left of *Novell Client for Linux* until a trash can appears.

This automatically selects all of the packages that need to be deleted by changing their icons to a trash can.

If the Novell Client 2.0 SP2 for Linux was installed as an upgrade to the Novell Client 2.0 for Linux, the `novell-xtier-xplat` package icon is not automatically changed to the trash can.

- 6 Right-click the `novell-client` package, select *All in This List*, then click *Delete*.
- 7 Click *Accept* to delete all of the selected packages.

YaST might display the following dependency conflict:

```
product:Client_for_Linux-2.0.0.i686 has
missing dependencies
```

If YaST displays this dependency conflict, select *delete Client\_for\_Linux*, then click *OK - Try Again*.

YaST displays the progress of the uninstall.

## Using the Installation Script to Uninstall

To uninstall the Novell Client for Linux using the installation script, enter `./ncl_install uninstall` in a terminal window. You can run this command from the directory where you unarchived the Client download file or from the `/opt/novell/ncl/bin` directory. You must be logged in as root to run this command.

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