

# Setup Document

Novell Single Sign-on allows applications to gain single sign-on access based on the user's authenticated NDS connection. As a result, the user gains automatic access to the enabled applications once these applications are launched, without having to enter additional passwords or present other credentials.

## SERVER PREREQUISITES

Novell® Single Sign-on works on any NetWare® 5 server, upgraded with NetWare 5 Support Pack 1 or later, installed with NICI (Novell International Cryptographic Infrastructure) software version 1.3 or later and configured with either Worldwide or U.S./Canada cryptography. Before continuing, verify that your server meets these requirements by entering NWCONFIG at the server console, selecting Product Options > View/Configure/Remove Installed Products, and viewing the Currently Installed Products screen.

If the product NDS™ 8 for NetWare 5 is listed, then verify that DS version 8.12 or later is installed. At the server console, enter **MODULES DS .NLM**.

To download the latest version of NDS, go to:

<http://www.novell.com/download>

To download the latest version of NICI software, go to:

<http://www.novell.com/products/cryptography>

To upgrade your NetWare 5 server with NetWare 5 Support Pack 1 or later, go to:

<http://support.novell.com>

You must have Supervisor rights to the [Root] object of the NDS tree to install Novell Single Sign-on.

Novell Single Sign-on is managed through a snap-in module to ConsoleOne™ version 1.2 or later. If ConsoleOne version 1.2 or later is not installed on the NetWare 5 server, you must install it when you install Novell Single Sign-on.

**WORKSTATION PREREQUISITES**

You must install the Novell Single Sign-on client software on a workstation running Novell Client™ for Windows NT\* version 4.5 or later, or Novell Client for Windows\* 95/98 version 3.0 or later.

If you are using Novell Single Sign-on within a single sign-on enabled application, rather than within ConsoleOne, you will need to set as your primary tree the NDS tree containing the User object that will store the secrets. To do so,

1. Right-click the Network Neighborhood icon.
2. Select NetWare Connections.
3. Highlight the desired tree in the NetWare Connections dialog box and click Set Primary.

**INSTALLING ON A NETWARE 5 SERVER**

The installation extends the NDS schema by adding the appropriate new attributes.

1. Load CDROM.NLM at the NetWare 5 server by entering

**CDROM**

This will make any inserted CD-ROMs act as mounted NetWare volumes.

2. Insert the *Novell Single Sign-on* CD-ROM into the server's CD-ROM drive.
3. Load NWCONFIG at the NetWare 5 server by entering

**NWCONFIG**

4. Select Configuration Options > Product Options.
5. Select Other Installation Actions > Install a Product Not Listed.

6. Indicate that the Novell Single Sign-on files will be installed from a network directory by pressing F3.
7. Change the installation path to:  
**NOVELL\_SSO: \NETWARE**
8. When prompted which file groups to install, select Novell Single Sign-on (and ConsoleOne 1.2, if needed) and press F10.
9. Enter the administrator password when prompted.
10. When prompted that the installation was successful, press Enter.
11. After the installation is complete, review the AUTOEXEC.NCF file to verify that Novell Single Sign-on entries are now present, notify all logged-in users to log out, and then restart the server.

**INSTALLING ON A NOVELL CLIENT****Using the Self-Extracting Executable File**

This method uses the self-extracting SSCLIENT.EXE file located in SYS:PUBLIC\WIN32. You can download the latest client software at:

<http://developer.novell.com/ndk/download.htm>

1. Click Start > Run.
2. Enter SSCLIENT.EXE in the Open field and click OK.  
  
An installation wizard is launched.
3. Follow the prompts in the installation wizard.

**Using the ZENworks .AOT Files**

This method lets you use ZENworks™ to install the client software needed for Novell client workstations running single sign-on enabled applications. The ZENworks directory contains specific subdirectories for Novell client workstations depending on the application being run. Each of the subdirectories contains a specific .AOT file along with a specific file group for distribution.

For workstations running none of the supported single sign-on enabled applications, the files are located in the SSO subdirectory. For workstations running Lotus\* Notes\*, the files are located in the Notes 4 and Notes 5 subdirectories. For workstations running Entrust\* Entelligence version 4.0, the files are located in the Entrust-NT and Entrust-9x subdirectories.

**Note**

If Lotus Notes and Entrust Entelligence client software is installed on a workstation, the Novell Single Sign-on client software installation updates your workstation to utilize single sign-on.

If these products are not installed on a workstation and you install them at a later time, you will need to reinstall the Novell Single Sign-on client software to activate single sign-on.

**MANAGING NOVELL SECRETSTORE**

Once the server and client software has been installed, you can manage Novell Single Sign-on through the SecretStore™ property page in ConsoleOne.

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