Novell SecureLogin Quick Start Guide

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About This Guide

Because of Novell SecureLogin's dependency on various components, it is highly recommended that you read this guide carefully before proceeding with installing, configuring, and deploying Novell SecureLogin. This document contains hardware and software details and information about the required versions of the dependent components necessary for successfully setting up Novell SecureLogin.

What Is Novell SecureLogin?

Novell SecureLogin is an enterprise single sign-on product. It provides authentication solutions to Web, Windows, host, and legacy application-based single sign-on. Novell SecureLogin functions as an identity overseer for all the systems that users access.

It is a credential management tool developed to increase an organization's network security while lowering support costs.

Novell SecureLogin securely manages and encrypts the authentication information in the directory. It stores usernames and passwords and automatically retrieves them for users, when required.

Supported Environments

The following hardware and software configurations are recommended for the successful installation and deployment of Novell SecureLogin

Review the requirements before you install Novell SecureLogin:

PLATFORMS

- ☐ Microsoft Windows Vista SP1 (32-bit and 64-bit)
    - Microsoft Vista Ultimate
    - Microsoft Vista Enterprise
    - Microsoft Vista Business

NOTE: Before installing SecureLogin on a Windows Vista machine, ensure that the operating system is updated with either latest security and service patches or with MS redistributables (32-bit or 64-bit).

- ☐ Microsoft Windows Server 2003 (32-bit and 64-bit)

    NOTE: Only the Active Directory mode supports 64-bit; eDirectory mode does not support 64-bit.

- ☐ Microsoft Windows Server 2008 (32-bit and 64-bit)

- ☐ Microsoft Windows Server 2003 R2 (32-bit and 64-bit)

    NOTE: Install vcredist_x86.exe 6.00.3790.00 (or later) in a 32-bit environment. Install vcredist_x64.exe 6.00.3790.00 (or later) and vcredist_x86.exe 6.00.3790.00 (or later) in a 64-bit environment.

    bit environment the vcredist64 8.0.50727.3053

- ☐ Microsoft Windows Server 2008 R2 (32-bit and 64-bit)

- ☐ Microsoft Windows XP Professional SP2 and SP3 (32-bit only)

- ☐ Microsoft Windows 7 (32-bit and 64-bit)

- ☐ Citrix Clients (32-bit and 64-bit)

- ☐ The ESX version 3.5 of VMware is a supported platform for Novell SecureLogin.

    However, your VMware machine must have enough resources. Dedicate minimum requirement that a physical machine requires for the Novell SecureLogin component.

    To have performance comparable to a physical machine, increase the memory and CPU requirements.

    For details, refer the requirements of the individual components.

- ☐ .NET Framework 3.5 SP1 and above.

    Novell SecureLogin can use only an already available .NET Framework.

DIRECTORY ENVIRONMENTS

- eDirectory 8.8 SP5
- Any LDAP v3-compliant directories
- Microsoft Active Directory 2003 or 2008, used alone or in conjunction with either:
    - Microsoft Active Directory Application Mode (ADAM)
    - Sun ONE Directory Server 5.2

CLIENTS

- ☐ Citrix Win32 ICA Client 11
- ☐ Microsoft Terminal Services clients, RDP 5.0 or later
- ☐ iManager 2.7.3

- Novell Client 2.0 SP1 for Microsoft Windows Vista

- Novell Client 4.91 SP4 for Microsoft Windows 2003

- Novell Client 4.91 SP5 for Microsoft Windows XP

    NOTE: To enable the Client Login Extension support for Novell Client in a SecureLogin setup, install the Novell client before installing the Client Login Extension tool.

BROWSERS

- Internet Explorer 6.0, 7.0, 8.0 and 9.0

- Mozilla Firefox 2.0, 3.0, 3.5, 3.6, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0 and 14.0.

DISK SPACE

- A minimum of 128 MB space is required in the Windows directory. An additional 55 MB is required for temporary files, which is deleted after the installation is complete.

Support for Oracle Forms

Novell SecureLogin 7.0 SP1 uses the pre-installed Oracle JInitiator or JRE to support Web enabled Oracle form applications. If any of these Java components is added in the machine after installing (or upgrading to) SecureLogin 7.0 SP1, you need to enable SecureLogin to use the newly added Java component. To enable support to the new Java component, run the repair option of the SecureLogin installer.

SecureLogin supports Oracle Forms 10g Release 2.

ActivClient

Use ActivClient 6.1 with Support Pack 2.

If you are using version 6.1 only, you cannot log in to the workstation after installing ActivClient 6.1 and restarting the workstation. The machine restarts repeatedly and fails to log in to the workstation.

Internet Explorer Enhanced Security Configuration for Microsoft Windows Server 2003

By default, Microsoft Windows Server 2003 installs the Internet Explorer Enhanced Security Configuration, which is designed to decrease the exposure of enterprise servers to potential attacks that might occur through the Web content and application scripts.

When you use Internet Explorer, this means that some Web sites might not display or perform as expected when Novell SecureLogin is installed.

For more information on enhanced security, refer to the Microsoft Support Web site. (http://support.microsoft.com/kb/815141).

We recommend that you disable the Microsoft Internet Explorer Enhanced Security configuration before deploying Novell SecureLogin. You can remove it through *Add/Remove Programs*.

Support for Non-English Languages

In the versions prior to 6.1, users were prompted to choose a language for the setup during the installation. In the later versions, this option is removed and the installation uses English throughout.

However, users can use a command line option to install in non-English languages.

1 At the command line, specify the following command:

```
msiexec.exe /i "Novell SecureLogin.msi"
TRANSFORMS=<lang-code>.mst
```

<lang-code> denotes a specific language.

- 1041 represents the Japanese language
- 1036 represents the French language
- 1046 represents the Brazilian language
- 1031 represents the German language
- 1034 represents the Spanish language

Rights for Installing

The `Novell SecureLogin.msi` is a per-machine installer package. A per-machine installation can be done only by a privileged user or an administrator.

A privileged user is a regular user who belongs to the administrator group, or a user who has administrator privileges.

NOTE: In a Microsoft Windows XP environment, only an administrator can install Novell SecureLogin.

Installing and Deploying

Refer to the *Novell SecureLogin Installation Guide* and the *Novell SecureLogin Administration Guide* for detailed instructions on installing and deploying Novell SecureLogin.

- "Complete and Custom Install" on page 3
- "Windows Installer" on page 4

This release of Novell SecureLogin supports installation on Microsoft Windows Vista 64-bit in addition to 32-bit installation.This is a hardware enhancement primarily targeted at improved functionality.

You can install both 32-bit and 64-bit packages on your network. Users can move between 32-bit and 64-bit computers.

IMPORTANT: There is no difference in the functionality or user experience.

The installation is executed through an MSI file, which was introduced in the Novell SecureLogin 6.1. Because of the added support for Microsoft Windows Vista 64-bit, this release contains two MSI files:

- **Installing On a 32-bit Workstation:** Use the `Novell SecureLogin.msi` available in the `SecureLogin\Client\x86` folder to install on Microsoft Windows XP or Vista 32-bit workstations.

- **Installing On a 64-bit Workstation:** Use the `Novell SecureLogin.msi` available in the `SecureLogin\Client\x64` folder to install on Microsoft Windows Vista 64-bit workstations.

NOTE: Depending on your workstation configuration, choose either `Novell SecureLogin\Client\x86\Novell SecureLogin.msi` or `Novell SecureLogin\Client\x64\Novell SecureLogin.msi`.

The variations in the installation procedure are explained in the following sections:

- "Installing on a 32-Bit Workstation" on page 3
- "Installing on a 64-Bit Workstation" on page 3
- "Changes in 64-bit" on page 3

Installing on a 32-Bit Workstation

1 Double-click `Novell SecureLogin\Client\x86\Novell SecureLogin.msi` to launch the InstallShield wizard.

2 Click *Next*. The License agreement is displayed.

3 Accept the license. Click *Next*. The Setup Type dialog is displayed.

- Select *Complete* if you want to install the program features in the default location, which is *C:\\Program Files\Novell\SecureLogin*. Continue with Step 4.

- Select the *Custom* option, if you want to choose the destination for the features to be installed. If you choose this option, the Destination Folder dialog box is displayed. You can accept either the default destination or change the location.

  If you want to change the destination, click *Change* and browse to the desired location. Continue with Step 4.

4 Click *Next*. The Choose a Platform for SecureLogin dialog box is displayed.

5 Choose the platform where you want to store Novell SecureLogin data.

Installing on a 64-Bit Workstation

1 Double-click `Novell SecureLogin\Client\x64\Novell SecureLogin.msi` to launch the Installation Wizard.

2 Click *Next*. The License agreement is displayed.

3 Accept the license. Click *Next*. The Destination Folder dialog box is displayed.

  NOTE: Unlike the 32-bit installation, in 64-bit you do not have the option to select the setup type. This is the only difference in the installation procedure between 32-bit and 64-bit.

4 Either accept the default destination or change the location. If you want to change the destination, click *Change* and browse to the desired location.

In this section, we have only explained the difference in choosing the target folder for the program installation. The complete installation procedure on different platforms is documented in the *Novell SecureLogin Installation Guide*.

Changes in 64-bit

The following aspects of the installation, deployment, and configuration are different for 64-bit operating systems.

- "Terminal Services" on page 3
- "Management Utilities" on page 3

Terminal Services

Novell SecureLogin includes the same support for Terminal Services in both 64-bit and 32-bit packages.

Refer to the *Installation and Deployment Guide for Citrix and Terminal Services* for the installation instructions.

A user can use Novell SecureLogin with Remote Desktop Protocol (RDP) from a 32-bit workstation to connect to a 64-bit workstation and vice versa.

Management Utilities

The Microsoft Management Console (MMC) snap-in is installed when you select to install the administration utilities components during SecureLogin installation.You

can install the administrative utilities on a 64-bit operating system and administer users from either a 64-bit workstation or a 32-bit workstation.

Microsoft provides a 64-bit administration tools pack. Ensure that you install the correct Microsoft administration tools for your operating system.

WINDOWS INSTALLER

Novell SecureLogin requires Microsoft Windows Installer 3.0 or later. Depending on the operating system and the level of patches and service packs applied to it, download the redistributables from the Microsoft Download Web site.

(http://www.microsoft.com/downloads/
details.aspx?familyid=889482fc-5f56-4a38-b838-
de776fd4138c&displaylang=en).

Microsoft Windows Installer 4.5 is available as a redistributable system component for Microsoft Windows Server 2003 SP2, Microsoft Windows Vista, Microsoft Windows Vista SP1, and Windows Server 2008 (64-bit). You can download these from the Microsoft Download Web site. (http://www.microsoft.com/downloads/
details.aspx?FamilyId=5A58B56F-60B6-4412-95B9-
54D056D6F9F4&displaylang=en).