Installation Quick Start

Novell®

SUSE Linux Enterprise Server 11 SP1

Use the following procedures to install a new version of SUSE® Linux Enterprise Server 11 SP1. This document gives a quick overview on how to run through a default installation of SUSE Linux Enterprise Server on x86, x86_64, and iA64 architectures.

Welcome to SUSE Linux Enterprise Server

For more detailed installation instructions and deployment strategies, see the SUSE Linux Enterprise Server Documentation at http://www.novell.com/documentation/.

Minimum System Requirements

- Pentium* III 500 MHz or higher processor (Pentium 4 2.4 GHz or higher or any AMD64/Intel* EM64T processor recommended)
- 512 MB physical RAM (1 GB recommended)
- 2 GB available disk space (more recommended)
- 800 x 600 display resolution (1024 x 768 or higher recommended)

Installing SUSE Linux Enterprise Server

Use these instructions if there is no existing Linux system on your machine, or if you want to replace an existing Linux system.

1. Insert the SUSE Linux Enterprise Server DVD into the drive, then reboot the computer to start the installation program.



2. Select *Installation* on the boot screen, then press Enter. This loads the SUSE Linux Enterprise Server installation program and starts the installation in normal mode.



3. Select the language to be used during the installation and for the installed system.

4. Read the License Agreement and click *Yes, I Agree to the License Agreement*. Proceed with *Next*.



5. Decide if you want to accomplish a *New Installation* or an update from a previous version of SUSE Linux Enterprise Server. Proceed with *Next*.



6. Select the clock and time zone to use in your system. Proceed with *Next*.



7. Decide if you want to install as primary operating system on a *Physical Machine*, as a virtual guest inside a XEN machine by selecting *Virtual Machine*, or as a virtualization host that can run other virtual machines with the option *XEN Virtualization Host*. Proceed with *Next*.

Enterprise	Overview	Expert	
Preparation			
	Keyboard Layout		
Restance Analysis	• English (US)		
 Time Zone 			
	Partitioning		
✓ Server Scenario	• Format partition /dev/sda • Use /dev/sda1 as swap	92 (6.99 GB) for / with ext3	
 Installation Summary 	Software		
Perform Installation	Product: SUSE Linux Ent	erprise Server 11 SP1	
Configuration	Patterns: + Base System		
Check Installation	+ Help and Support Docu	umentation	
• Hostname	+ Minimal System (Appli + GNOME Desktop Envir	ances) ronment	
Network	+ X Window System		
Customer Center	+ Print Server + Web-Based Enterprise	Management	
Online Update	 Size of Packages to Insta 	d: 1.9 GB	
Service	Language		
Clean Up	Primary Language: Englis	sh (US)	
· Release Notes			
Hardware Configuration			

8. Use the Installation Settings screen to view a number of proposed installation and partitioning options, then change your desired options if necessary.

The *Overview* tab contains basic options that sometimes need manual intervention (in most common installation situations). The *Expert* tab contains advanced configuration options.

9. Click Accept to accept any license agreements.

Confirm Installation
All information required for the base installation is now complete.
If you continue now, partitions on your hard disk will be modified according to the installation settings in the previous dialogs.
Go back and check the settings if you are unsure.
Back Install

10. Start the installation with *Install*.

After completing the basic system setup and the installation of all selected software packages, the SUSE Linux Enterprise Server installation boots into the new Linux system. After the reboot you will see the following screen:

<u></u>	8 Password for the System Administrator "root"
SUSE. Linux	
Preparation	
🖌 Welcome	
🖌 System Analysis	De set ferset uitst van enter here
🗸 Time Zone	bo not toget what you enter nere.
Installation	Password for root User
Server Scenario	
Installation Summary	
Perform Installation	Confirm Password
Configuration	
Comgulation	
▶ root Password	
Check Installation	
• Hostname	Test Keyboard Layout
• Network	
Customer Center	
Online Update	
Service	Expert Options
• Users	
• Clean Up	
Release Notes	
Hardware Configuration	
	Help Abo <u>r</u> t <u>B</u> ack Vext

11. Type a password for the system administrator account (called the root user).

You should never forget the root password! After you entered it here, the password cannot be retrieved. It can only be reset with administrative assistance. Proceed with *Next*.



12. Enter a name for this computer and the DNS domain to which it belongs. Proceed with *Next*.



13. In the Network Configuration screen, view or change the network connections of your system.

If you have network devices (for example, network or wireless cards, a DSL connection, ISDN adapter, or modem), it is a good idea to configure them now, because an Internet connection allows SUSE Linux Enterprise Server to retrieve any available updates and include them in the installation. Proceed with *Next*.

	T T T T T T T T T T T T T T T T T T T	
6		
SUSE Linux Enterprise		
Preparation		
	To validate your Internet access.	
	activate the test procedure.	
Installation		
Server Scenario	The following steps will be performed:	
Jostallation Summan		
Restarm Installation	Download latest release notes	
	Check for latest updates	
Configuration		
🖌 root Password		
Check Installation	Select:	
🖌 Hostname	Yes, Test Connection to the Internet Via	
▶ Network	79:970 IPCoet32 LANCE	
Customer Center	Network Card - DHCP address	Change Device
Online Update	No. Skip This Test	
Service		
• Users		
Clean Up		
Release Notes		
Hardware Configuration		
	Help	Abort Back

- 14. Test your Internet connection with *Yes, Test Connection to the Internet*. This option also checks for the latest SUSE Linux Enterprise Server release notes. Proceed with *Next*.
- 15. View the results of the test on the Running Internet Connection Test screen. Proceed with *Next*.



16. Enable on the Novell Customer Center Configuration screen your system for online updates with *Configure Now* > *Next* > *Continue*.

Click *Configure Later > Next* to skip this step and continue the installation. You can configure this option after the product has been installed. Proceed with *Next*.



17. By default, SUSE Linux Enterprise Server creates a certificate for the system. To disable this, click *Skip Configuration* > *Next*. Proceed with *Next*.



18. Select *Local (/etc/passwd)* in the User Authentication Method screen, unless instructed otherwise by your system administrator. Proceed with *Next*.

60	o New Loca	l Oser	
SUSE: Linux Enterprise			
Preparation			
Installation		User's <u>F</u> ull Name	_
4. Casiai Scanalia		l	
Server Scenario		Username	_
Dedarm lestellation			
· · ·			
Configuration		Password	
🛷 root Password			
✓ Check Installation		Confirm Password	
🖌 Hostname			
🖌 Network			
🖌 Customer Center		Receive System Mail	
🖌 Online Update			
		User Management	
► Users			
Clean Up			
Release Notes	1		
Hardware Configuration			

19. Type your first and last name in the *User's Full Name* field, your login name in the *Username* field, and your password (as recommended by your system administrator) in the *Password* field.

For security reasons, your password should be at least eight characters long and should contain both uppercase and lowercase letters and numbers. The maximum length for passwords is 72 characters, and passwords are case sensitive. Proceed with *Next*.



20. View the Release Notes after the system configuration has completed. Proceed with *Next*.



21. Use the Hardware Configuration screen to view or configure your graphics card and other hardware devices. Proceed with *Next*.

SUSE Linux Enterprise Preparation	Installation Completed
Welcome System Analysis System Analysis Time Zone Installation Server Scenario Server Scenario Fordum Installation Configuration Configuration Generation Hostianio Hostianio Hostianio Hostianio Configuration Con	The installation has completed successfully Yourgeten is ready for use. Click Finch to log in to the system. Please visit as at http://www.novell.com/linuv/.
 ✓ Service ✓ Urass ✓ Clean Up ✓ Release Notes Mardware Configuration 	K Elone This System for AutovaST

- 22. On the Installation Completed screen, click *Finish* to close the SUSE Linux Enterprise Server installation and continue to the login screen.
- 23. Click on your username, and type your password in the *Password* field, then press Enter.

Legal Notice

All content is copyright $\ensuremath{\mathbb{C}}$ 2006–2011 Novell, Inc. All rights reserved.

This manual is protected under Novell intellectual property rights. By reproducing, duplicating or distributing this manual you explicitly agree to conform to the terms and conditions of this license agreement.

This manual may be freely reproduced, duplicated and distributed either as such or as part of a bundled package in electronic and/or printed format, provided however that the following conditions are fulfilled:

That this copyright notice and the names of authors and contributors appear clearly and distinctively on all reproduced, duplicated and distributed copies. That this manual, specifically for the printed format, is reproduced and/or distributed for noncommercial use only. The express authorization of Novell, Inc must be obtained prior to any other use of any manual or part thereof.

For Novell trademarks, see the Novell Trademark and Service Mark list http://www.novell.com/company/ legal/trademarks/tmlist.html. Linux* is a registered trademark of Linus Torvalds. All other third party trademarks are the property of their respective owners. A trademark symbol (®, ™ etc.) denotes a Novell trademark; an asterisk (*) denotes a third party trademark.

All information found in this book has been compiled with utmost attention to detail. However, this does not guarantee complete accuracy. Neither Novell, Inc., SUSE LINUX Products GmbH, the authors, nor the translators shall be held liable for possible errors or the consequences thereof.