

安装快速入门

SUSE Linux Enterprise Server 12 SP4

列出系统要求,并指导您从 DVD 或 ISO 映像逐步安装 SUSE Linux Enterprise Server。

按照以下过程安装新版 SUSE® Linux Enterprise Server 12 SP4。本文简要介 绍了如何使用默认配置安装适用于 AMD64/Intel 64 体系结构的 SUSE Linux Enterprise Server。

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1 欢迎安装 SUSE Linux Enterprise Server

有关更详细的安装指导和部署策略,请参见 上的 SUSE Linux Enterprise Serverhttp://www.suse.com/documentation/ 2 文档。

1.1 最低系统要求

- 任何 AMD64/Intel* EM64T 处理器 (不支持 32 位处理器)
- 512 MB 物理 RAM (建议 1 GB 或更多)
- 3.5 GB 可用磁盘空间(建议更多)
- 800 x 600 显示器分辨率(建议 1024 x 768 或以上)

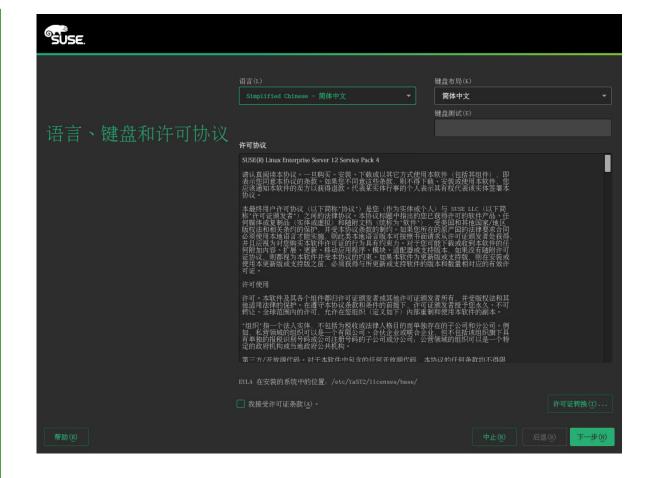
1.2 安装 SUSE Linux Enterprise Server

如果计算机上没有安装 Linux 系统或要替换现有的 Linux 系统,请遵循这些指导。

 将 SUSE Linux Enterprise Server DVD 插入驱动器,然后重引导计算机以启动安装程序。 在使用传统 BIOS 的计算机上,您会看到如下所示的图形引导屏幕。在配有 UEFI 的计算机 上,将使用略有不同的引导屏幕。UEFI 计算机支持安全引导。
 按 F2 可更改安装程序的语言。系统会自动选择相应的键盘布局。有关更改引导选项的 更多信息,请参见《部署指南》,第6章"使用 YaST 进行安装",第6.2.2.1 节"配有 传统 BIOS 的计算机上的引导屏幕"或《部署指南》,第6章"使用 YaST 进行安装", 第6.2.2.2 节"配有 UEFI 的计算机上的引导屏幕"。

从硬盘引导	
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	动程序
	<u>从硬盘引导</u> 安装 升级 更多 更多 製新 (

- 2. 在引导屏幕中选择安装,然后按 Enter 键。这会引导系统并装载 SUSE Linux Enterprise Server 安装程序。
- 语言和键盘布局会根据您在引导屏幕上选择的语言设置进行初始化。如果需要,可以在此 处更改它们。
 阅读许可协议。此内容以您在引导屏幕上选择的语言显示。我们提供了许可证译文版本。
 您需要选中我接受许可证条款接受该协议,才能安装 SUSE Linux Enterprise Server。单 击下一步继续。



1. 随后会进行系统分析,在此过程中,安装程序会探测储存设备,并尝试查找其他安装的系统。如果在启动安装系统时无法自动配置网络,网络设置对话框将会打开。
 至少已有一个网络接口已配置完毕后,您才能将您的系统注册到 SUSE Customer Center (SCC)。输入与您的 SCC 帐户关联的电子邮件地址以及 SUSE Linux Enterprise Server 的注册代码。成功注册产品是您获取产品更新和有权获得技术支持的前提。单击下一步继续。

SÜSE.	
	网络配置(1)
注册	
イエルリ	SUSE Linux Enterprise Server 12 SP4
	请选择您首选的注册方法。
	 通过 scc.suse.com 注册系统 电子邮件地址(E)
	注册代码 (C)
	 通过本地 SMT 服务器注册系统 本地注册服务器 USL(L)
	https://smt.example.com 〇 跳討注手册(S)
帮助(II) 发行说明(L)	中止 ⑧ 后退 ⑧ 下一步 (9)
🕤 提示:在安装时安装	装产品增补程序
如果 SUSE Linux Enterp	rise Server 已成功注册到 SUSE Customer Center,系统会
在安装期间询问您是否要	安装最新的可用联机更新。如果您选择是,最新的包将随系
统一起安装,如此便不如	必在安装后应用更新。建议激活此选项。
③ 注意:发行说明	
	过选择发行说明在安装过程中的任一屏幕上查看发行说明。
。系统成功注册后,YaST 会列出	SUSE Customer Center 上可用于 SUSE Linux Enterprise
Server 的模块和扩展。该列表f	包含免费模块 (如 SUSE Linux Enterprise SDK) 或需要付费
购买注册密钥的扩展。单击一项	页可查看其说明。(选择性)您可以激活某个模块或扩展的
选中标记来选择安装它。单击 ⁻	下一步继续。

	可用的扩展和模块 ✔ 隐藏 B <u>e</u> ta 版本(B)
扩展和模块选择	 SUSE Linux Enterprise High Availability Extension 12 SP4 x86_64 SUSE Linux Enterprise High Availability GEO Extension 12 SP4 x86_64 SUSE Linux Enterprise Live Patching 12 SP4 x86_64 SUSE Linux Enterprise Workstation Extension 12 SP4 x86_64 SUSE Manager Proxy 3.1 x86_64 SUSE Manager Retail Branch Server 3.2 x86_64 SUSE Manager Server 3.1 x86_64 SUSE Vanager Server 3.1 x86_64 SUSE OpenStack Cloud 9 x86_64 SUSE Clinux Enterprise Software Development Kit 12 SP4 x86_64 SUSE Linux Enterprise Anagement Module 12 x86_64 Containers Module 12 x86_64 Containers Module 12 x86_64 Mark (QR英语)
帮助(1) 发行说明(1)	中止(8) 后退(8) 下一步

 6. 附加产品对话框可让您向"SUSE Linux Enterprise Server"添加不是由 SUSE Customer Center 提供的其他软件源(即储存库)。此类附加产品可以包括第三方产品和驱动程序, 或适用于您系统的其他软件。

😡 提示: 在安装过程中添加驱动程序

您还可以通过附加产品对话框添加驱动程序更新储存库。http:// drivers.suse.com/
 上会提供 SUSE Linux Enterprise 的驱动程序更新。这些驱动 程序已通过 SUSE SolidDriver Program 创建。

如果要跳过此步骤,请单击下一步继续。否则,请激活我要安装附加产品。请指定媒体类型、本地路径或托管储存库的网络资源,然后按照屏幕上的指导操作。

选中下载安装源描述文件可立即下载用于描述安装源的文件。如果不激活,系统将在安装 启动后下载它们。单击下一步继续,并根据需要插入媒体。根据产品内容,可能必须接受 附加许可协议。单击下一步继续。如果您选择安装需要注册密钥的附加产品,在扩展和模 块注册代码页面,您将需要输入注册密钥。

SUSE.				
				网络配置(型)
外接式	、附件			
		我要安装其他外接式附件(<u>k</u>)		
		 ● 使用 SLP 扫描(S) ● 指定 URL(U) ● FIFP(F) ● HITP(f) ● HITP(f) ● SME/CIFS(M) ● NFS(S) ● CD(C) ● DVD(D) ● QE&(H) ● CLSE 大容量储存(USB 记忆棒、磁盘) ● 本地目录(1) ● 本地目家(1) 		
		☑ 下载储存库说明文件(<u>D</u>)		
帮助(出) 发行说明(上)			申止(图)	后退(1) 下一步(1)

7. 选择最符合您要求的系统角色。为物理计算机或虚拟 Guest 选择默认系统。对于可以运行 其他虚拟机的虚拟化主机,请选择 KVM 虚拟化主机或 XEN 虚拟化主机。

SUSE.	
系统角色	
	系统角色是预定义的用例,这些用例会调整系统以便适用于 选定的方案。
	 ● 默认系统 GXOME 环境,包含 BtrFs 根 (/)分区 大于 20GB 的磁盘的单独 /home 分区 (XFS)
	 KVM 虚拟化主机 ・ 基于内核的超级管理程序和工具 ・ 无单独的 /home 分区
	 Xen 虚拟化主机 · 裸机超级管理程序和工具 · 无单独的 /home 分区
響助(E) 发行说明(L)	中止® 后退⑧ 下一步例

8. 查看系统建议的分区设置。如果需要,可以更改它们。您可以选择以下选项:

编辑建议设置

可让您更改建议设置的选项,而非建议的分区布局本身。

创建分区设置

选择要应用建议的磁盘。

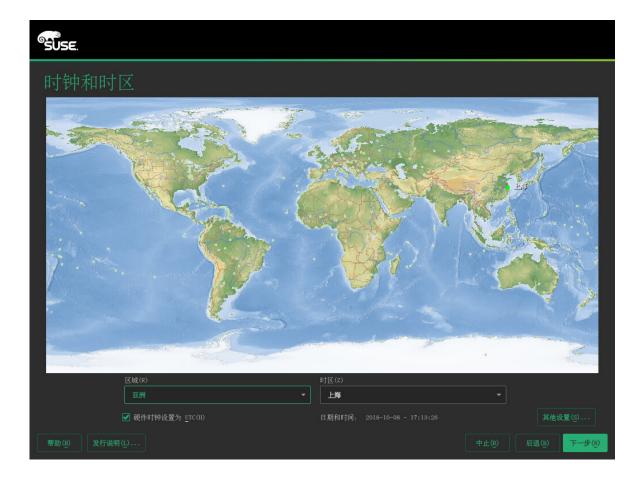
专家分区程序

打开专家分区程序,如《部署指南》,第12章 "高级磁盘设置",第12.1节 "使用 YaST 分区程序"中所述。

要接受建议的设置而不做任何改动,请选择下一步继续。

 在设备 /dev/sda2 上创建子卷 @/ar/itb/listorir/itages, 带有 *非写入时复制 : 选项 在设备 /dev/sda2 上创建子卷 @/ar/itb/mainages, 带有 *非写入时复制 : 选项 在设备 /dev/sda2 上创建子卷 @/ar/itb/mainages, 带有 *非写入时复制 : 选项 在设备 /dev/sda2 上创建子卷 @/ar/itb/mainages, 带有 *非写入时复制 : 选项 在设备 /dev/sda2 上创建于卷 @/ar/itb/mainages, 世有 *#可入时复制 : 是 位设备 /dev/sda2 上创建于卷 @/ar/itb/mainages, 世有 *# # # # # # # # # # # # # # # # # # #

9. 选择系统使用的时钟和时区。要手动调整时间或配置 NTP 服务器以保持时间的同步,请选择其他设置。有关详细信息,请参见《部署指南》,第6章"使用 YaST 进行安装",第6.12节"时钟和时区"。单击下一步继续。



10. 要创建本地用户,请在用户的完整名称字段中输入姓氏和名称,在用户名字段中输入登录 名,在口令字段中输入口令。

口令至少为 8 个字符,而且应包含大小写字母及数字。口令最长为 72 个字符,区分大小 写。

出于安全考虑,强烈建议您不要启用自动登录。此外,也不应对系统管理员使用此口令, 而应在安装的下一步中提供一个单独的 root 口令。单击下一步继续。

SUSE.	
本地用户	 创建新用户(c) 用户的完整名称(F) 用户名(v) ロ令(F) ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
	 □ 对系统管理员使用此口令(<u>s</u>) □ 自动登录(▲) ○ 从先前的安装导入用户数据(I) 未选择任何用户 选择用户(E) ○ 跳过用户创建(s)
帮助(E) 发行说明(L)	中止(g) 后退(g) 下一步(<u>y</u>)

11. 输入系统管理员帐户(称为 root 用户)的口令。

千万不要忘记 <u>root</u> 口令!您在此处输入之后,就不能检索该口令。有关详细信息,请 参见《部署指南》,第6章"使用 YaST 进行安装",第6.14节"系统管理员 root 的密 码"。单击下一步继续。

S	JSE.		
	系统管理员"root"的口令		
		请不要忘记在此输入的内容。	
		root 用户的口令(P)	
		确认口令(F)	
		測试键盘布局(T)	
帮耳			中止(R) 后退(B) 下一步(N)
]安装设置屏幕查看并根据需要更改若干建议的		
	」出。要进行更改,请单击标题。有些设置(如 ŧ更改。	防火墙或 SSH) P	以且按通过毕士怕应
UE 192			
	提示:远程访问		
	此处可更改的设置也可以日后在安装的系统	中加以更改。不过	。如果您在安装后需
	要马上进行远程访问,此时应根据需要调整		
软件	-		
	默认的软件范围包括基本系统和带有 GNOMI	E 桌面的 X Windov	w。单击软件会打开软
	件选择和系统任务 屏幕,您可在此处选择或 耳	Q消选择某些模式?	来更改软件选择。每
	个模式都包含特定功能(例如,Web 和 LAM		-
	件包。如果想查看要安装软件包的更为详细的	为选择,请选择细 ⁼	节切换到 YaST 软件管

理器。有关详细信息,请参见《部署指南》,第13章 "安装或删除软件"。

引导

此部分显示引导加载程序配置。建议您仅在确实需要时才更改默认设置。有关详细 信息,请参见《管理指南》, 第 12 章 "引导加载程序 GRUB 2"。

防火墙和 SSH

默认情况下,系统会对为外部区域配置的活动网络接口启用防火墙。有关配置细

节,请参见《Security Guide》, 第 15 章 "Masquerading and Firewalls", 第 15.4 节 "SuSEFirewall2"。

SSH 服务默认处于禁用状态,其端口 (22) 也会关闭。因此,默认情况下,您无法进 行远程登录。单击启用并打开可切换这些设置。

Kdump

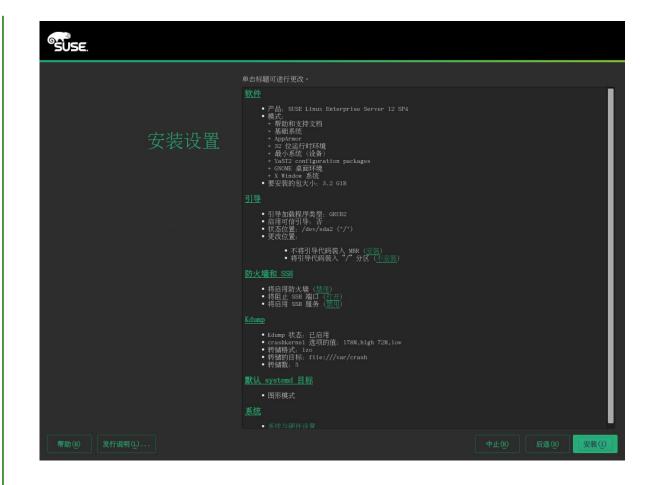
如果发生内核崩溃,Kdump 可将内存映像("内核转储")保存到文件系统中。如此,您便可以通过调试转储文件来查找崩溃原因。Kdump 已预先配置好,默认处于 启用状态。有关详细信息,请参见《System Analysis and Tuning Guide》,第17章 "Kexec and Kdump",第17.7节"Basic Kdump Configuration"。

默认 Systemd 目标和服务

默认情况下,系统会引导至图形目标,具有联网、多用户和显示管理器支持。如果 您不需要通过显示管理器登录,请切换到多用户。

系统

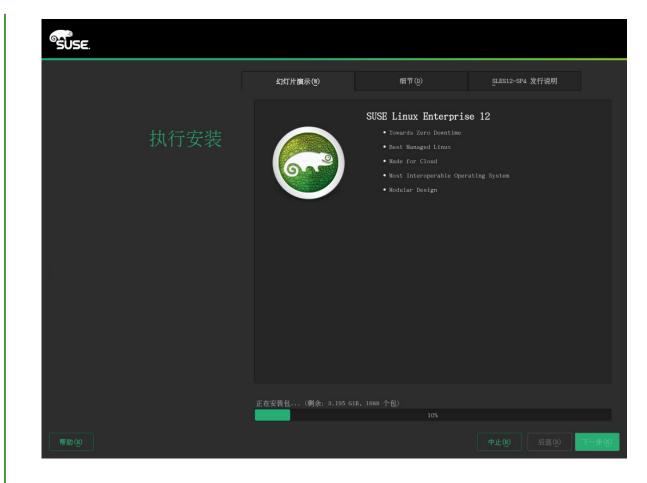
单击系统可查看详细的硬件信息。在随后显示的屏幕中,还可以更改内核设置,有 关更多信息,请参见《部署指南》,第6章 "使用 YaST 进行安装",第6.15.8节 "系统信息"。



13. 在安装设置屏幕上确定了系统配置后,单击安装。根据您做的软件选择,您可能需要同意 许可协议,安装确认屏幕才会弹出。到目前为止,我们还未对您的系统进行任何更改。当 您再次单击安装后,安装过程即会开始。

单击标题可进行更改。	
<u>软件</u>	
・产品: SUSE Linux Enterprise Server 12 SP4 ・ 検示.	
确认安装	
现在已完成了基本安装所需的信息。	
如果现在继续,则会根据以前对话框中的安装设置修改硬盘上的分区。	
回退并检查不能确定的设置。	
安裝① 后退息	
• 牧踊剱: つ	
<u>默认 systemd 目标</u>	
• 图形模式	
<u>系统</u>	

14. 安装期间,细节选项卡中会显示详细的安装进度。



15. 安装例程完成后,计算机会重引导至安装的系统。登录并启动 YaST 以微调系统。如果您 使用的不是图形桌面或者正通过远程方式工作,请参考《管理指南》,第5章"文本方式 的 YaST"获得有关从终端使用 YaST 的信息。

2 法律声明

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