

SLES 12 SP Migration

Adfinis**sy**Group

Be smart. Think open source.

SLES 12 - Hands-on

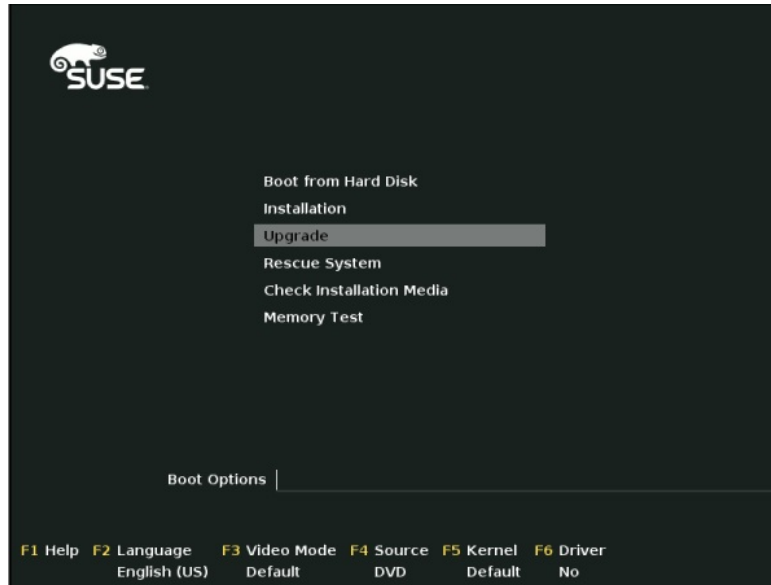


Hands-on :: SP Migration 10

Upgrading a SLES11 SP4 system manually.

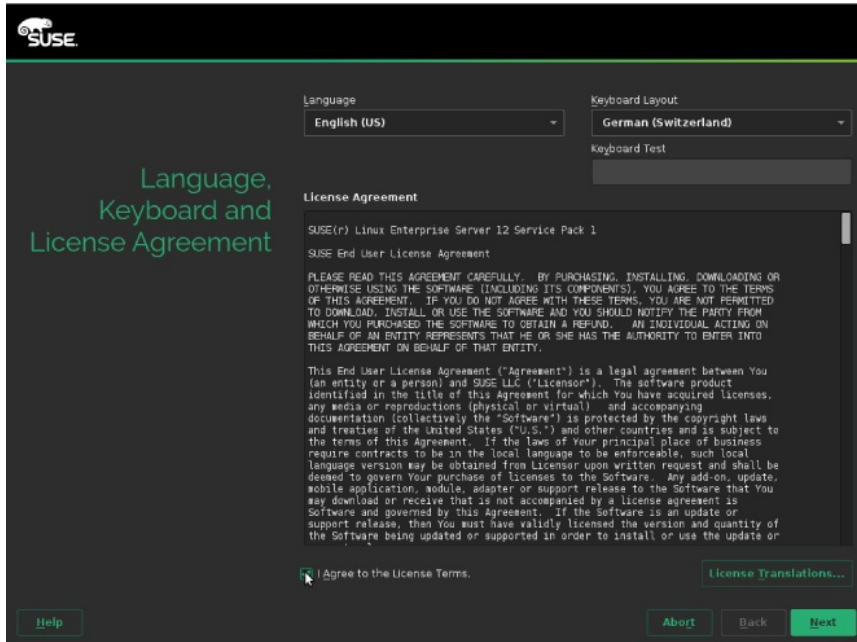
SP Migration 10 - Start Upgrade

Boot from installation medium (SLES12SP1) and select "Upgrade":



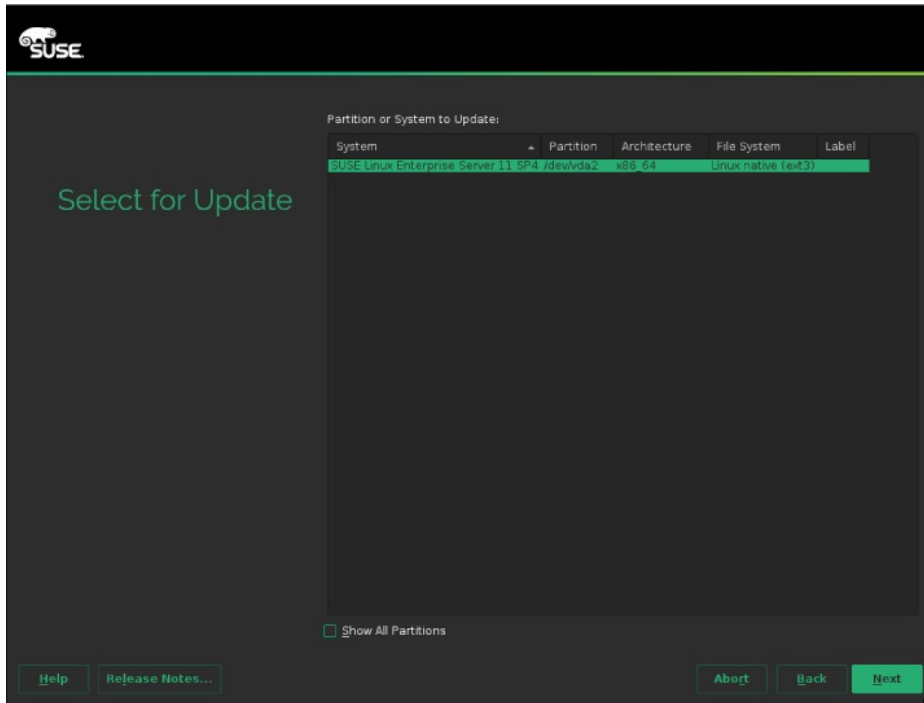
SP Migration 10 - Welcom screen

Choose Language and Keyboard and accept the license agreement:



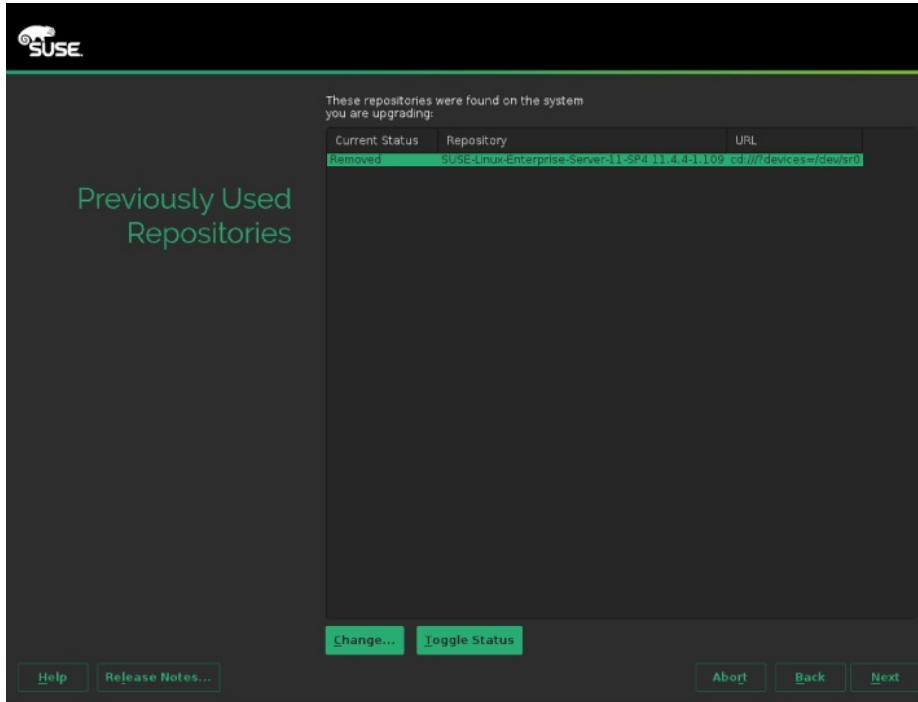
SP Migration 10 - Partition

Select partition to upgrade:



SP Migration 10 - Previously Repo

Remove previously used repositories:



The screenshot shows the SUSE logo in the top left corner. The main content area is titled "Previously Used Repositories" in a light blue font. Below the title, a message states: "These repositories were found on the system you are upgrading:". A table with three columns is displayed: "Current Status", "Repository", and "URL". The table contains one row with the following data: "Removed", "SUSE Linux Enterprise Server 11-SP4 11.4.4-1.109", and "cd:///devices/dev/sr0". At the bottom of the screen, there are several buttons: "Help", "Release Notes...", "Change...", "Toggle Status", "Abort", "Back", and "Next".

Current Status	Repository	URL
Removed	SUSE Linux Enterprise Server 11-SP4 11.4.4-1.109	cd:///devices/dev/sr0

SP Migration 10 - Registration

Skip registration:

SUSE

[Network Configuration...](#)

Registration

SUSE Linux Enterprise Server 12 SP1

Please enter a registration or evaluation code for this product and your User Name/E-mail address from the SUSE Customer Center in the fields below. Access to security and general software updates is only possible on a registered system.

if you skip product registration now, remember to register after installation has completed.

E-mail Address

Registration Code

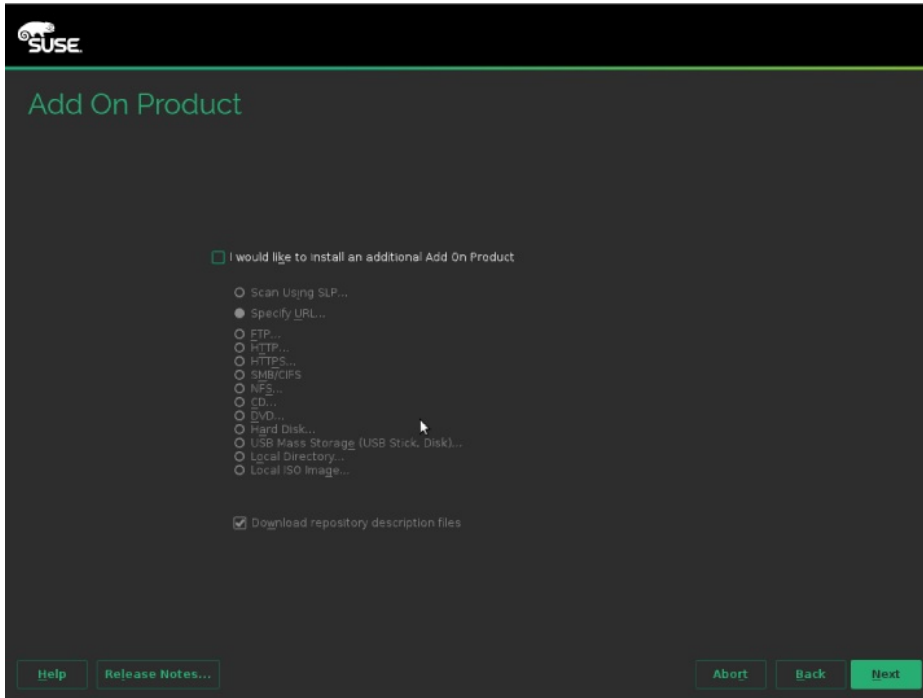
[Local Registration Server...](#)

[Skip Registration](#)

[Help](#) [Release Notes...](#) [Abort](#) [Back](#) [Next](#)

SP Migration 10 - Add Ons

Do not add other products:



SUSE

Add On Product

I would like to install an additional Add On Product

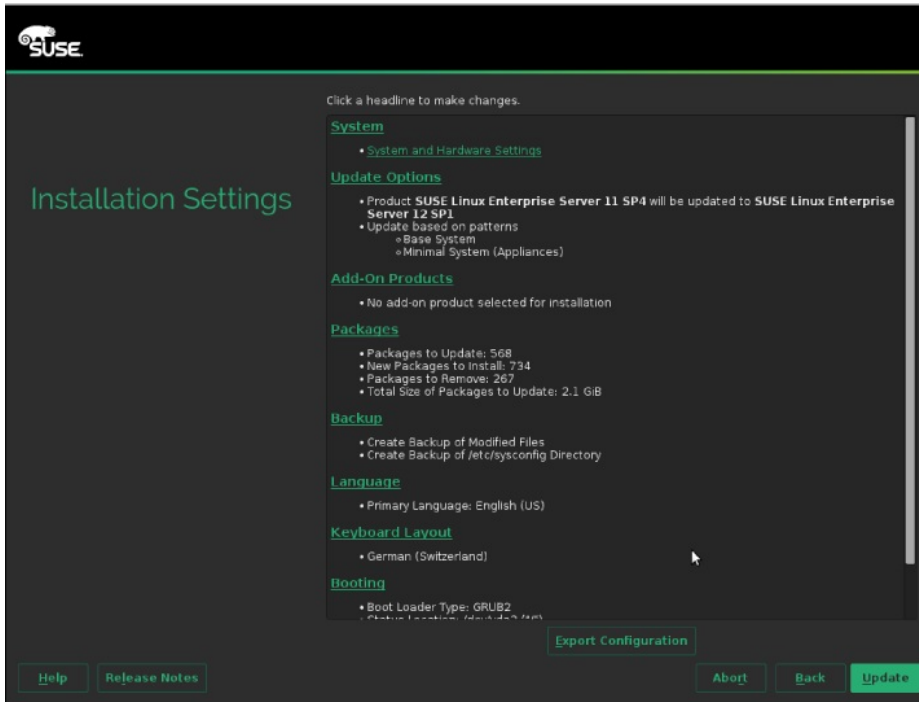
- Scan Using SLP...
- Specify URL...
- FTP...
- FTP...
- HTTPS...
- SMB/CIFS
- NFS...
- CD...
- DVD...
- Hard Disk...
- USB Mass Storage (USB Stick, Disk)...
- Local Directory...
- Local ISO Image...

Download repository description files

[Help](#) [Release Notes...](#) [Abort](#) [Back](#) [Next](#)

SP Migration 10 - Settings

Here you can change the setting, before the upgrade starts:



The screenshot shows the SUSE Installation Settings window. The title bar includes the SUSE logo and the text "Installation Settings". The main content area is titled "Click a headline to make changes." and lists several configuration categories:

- System**
 - [System and Hardware Settings](#)
- Update Options**
 - Product SUSE Linux Enterprise Server 11 SP4 will be updated to SUSE Linux Enterprise Server 12 SP1
 - Update based on patterns
 - Base System
 - Minimal System (Appliances)
- Add-On Products**
 - No add-on product selected for installation
- Packages**
 - Packages to Update: 568
 - New Packages to Install: 734
 - Packages to Remove: 267
 - Total Size of Packages to Update: 2.1 GiB
- Backup**
 - Create Backup of Modified Files
 - Create Backup of /etc/sysconfig Directory
- Language**
 - Primary Language: English (US)
- Keyboard Layout**
 - German (Switzerland)
- Booting**
 - Boot Loader Type: GRUB2
 - [Custom Location \(Advanced\)](#)

At the bottom of the window, there are several buttons: "Help", "Release Notes", "Export Configuration", "Abort", "Back", and "Update".

SP Migration 10 - Verify

Check the OS release, kernel version and the repositories:

```
# cat /etc/os-release  
  
# rpm -qa kernel*  
  
# zypper lr
```

SP Migration 10 - Orphaned Packages

Check for any orphaned packages:

```
# zypper packages --orphaned
```

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