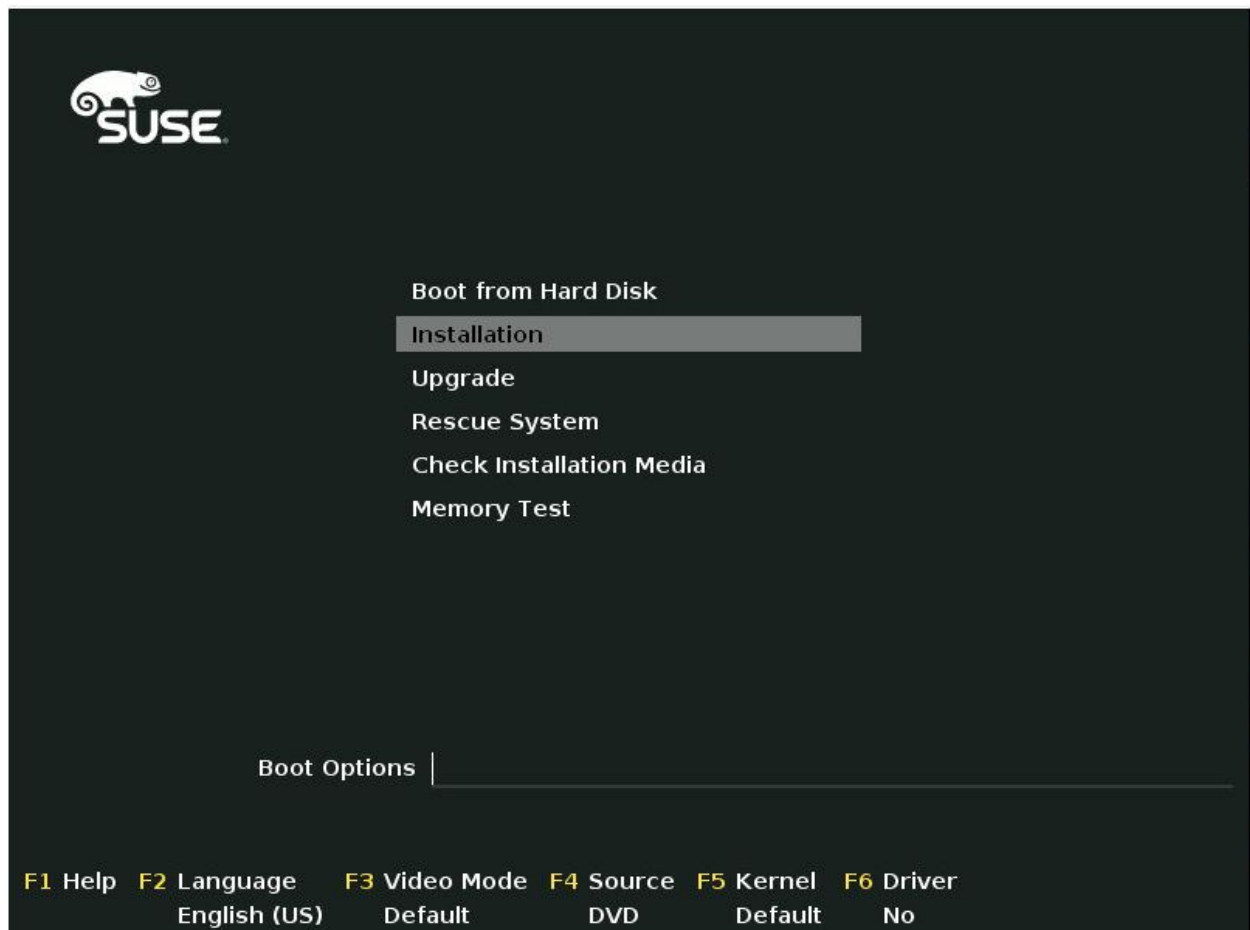



SUSE 12 STEP BY STEP INSTALLATION

Load the installation file (ISO) to the virtual machine or physical machine and boot from the setup file and follow the steps as below.

Click on the installation,



Tick the I agree to the license terms and click next.



Language, Keyboard and License Agreement

Language: English (US) Keyboard Layout: English (US)

Keyboard Test

License Agreement

SUSE(r) Linux Enterprise Server 12 Service Pack 1

SUSE End User License Agreement

PLEASE READ THIS AGREEMENT CAREFULLY. BY PURCHASING, INSTALLING, DOWNLOADING OR OTHERWISE USING THE SOFTWARE (INCLUDING ITS COMPONENTS), YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE WITH THESE TERMS, YOU ARE NOT PERMITTED TO DOWNLOAD, INSTALL OR USE THE SOFTWARE AND YOU SHOULD NOTIFY THE PARTY FROM WHICH YOU PURCHASED THE SOFTWARE TO OBTAIN A REFUND. AN INDIVIDUAL ACTING ON BEHALF OF AN ENTITY REPRESENTS THAT HE OR SHE HAS THE AUTHORITY TO ENTER INTO THIS AGREEMENT ON BEHALF OF THAT ENTITY.

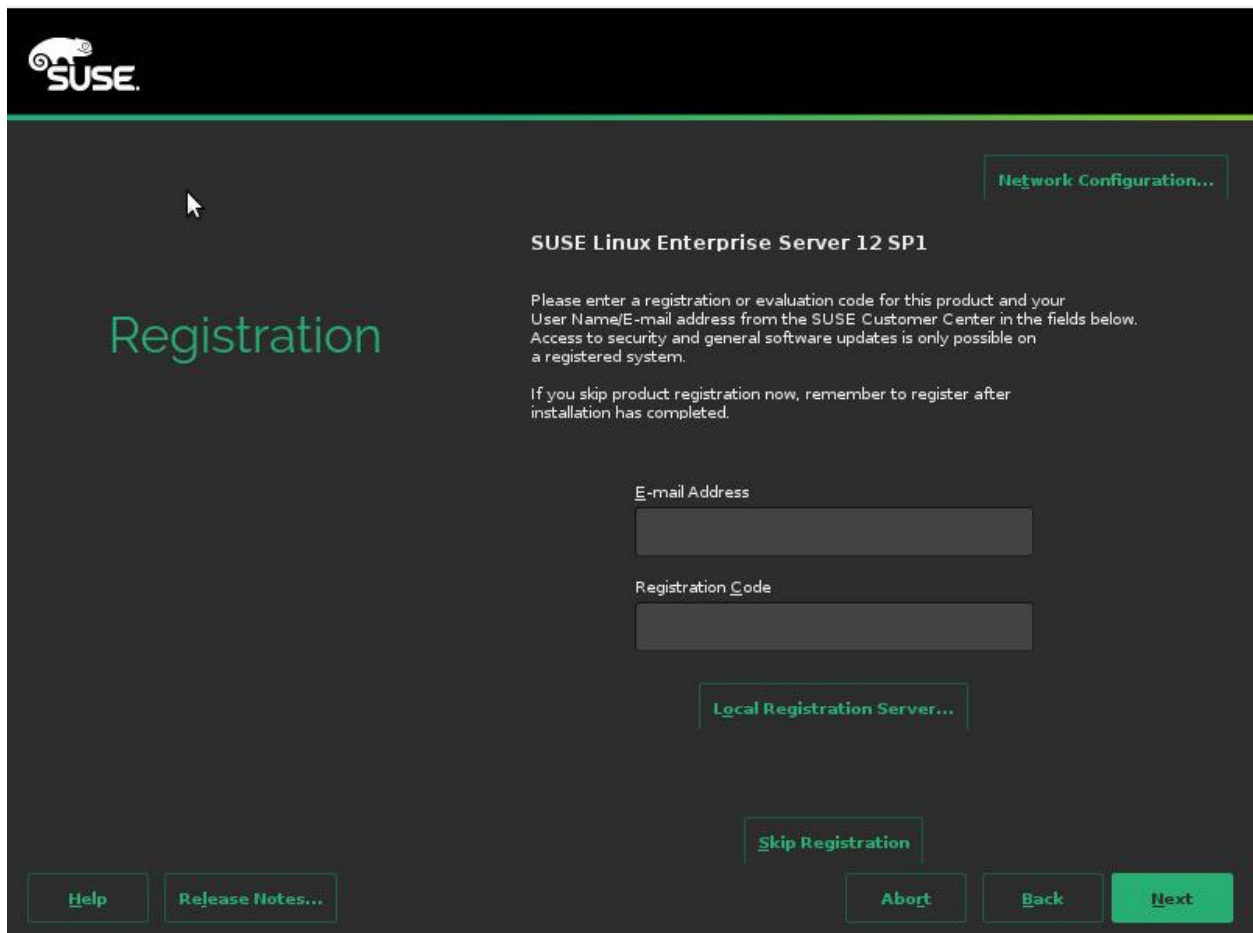
This End User License Agreement ("Agreement") is a legal agreement between You (an entity or a person) and SUSE LLC ("Licensor"). The software product identified in the title of this Agreement for which You have acquired licenses, any media or reproductions (physical or virtual) and accompanying documentation (collectively the "Software") is protected by the copyright laws and treaties of the United States ("U.S.") and other countries and is subject to

☒ I Agree to the License Terms.

[License Translations...](#)

[Help](#) [Abort](#) [Back](#) [Next](#)

Click on skip registration and click next as below,



The image shows the SUSE Linux Enterprise Server 12 SP1 registration screen. The SUSE logo is in the top left corner. The word "Registration" is displayed in large green text on the left. In the top right, there is a button labeled "Network Configuration...". The main heading is "SUSE Linux Enterprise Server 12 SP1". Below this, a paragraph explains that a registration or evaluation code and user name/email address are required for access to security and software updates. Another paragraph states that if registration is skipped now, it must be done after installation. There are two input fields: "E-mail Address" and "Registration Code". Below these is a button labeled "Local Registration Server...". At the bottom right, there is a button labeled "Skip Registration". At the bottom left, there are buttons for "Help" and "Release Notes...". At the bottom right, there are buttons for "Abort", "Back", and "Next".

SUSE

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.

Network Configuration...

E-mail Address


Registration Code

Local Registration Server...

Skip Registration

Help **Release Notes...** **Abort** **Back** **Next**

Click next,



Add On Product

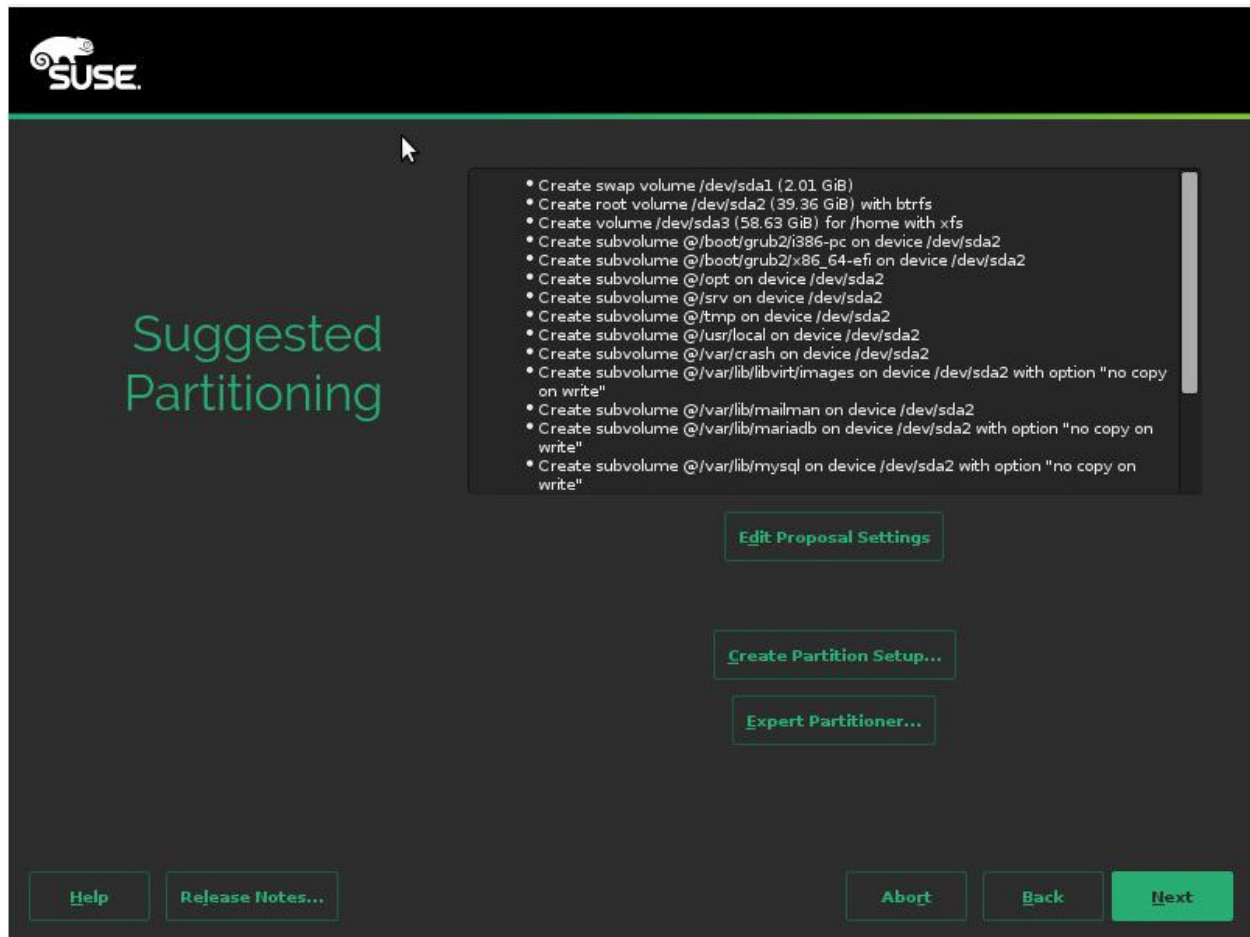
☐ I would like to install an additional Add On Product

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

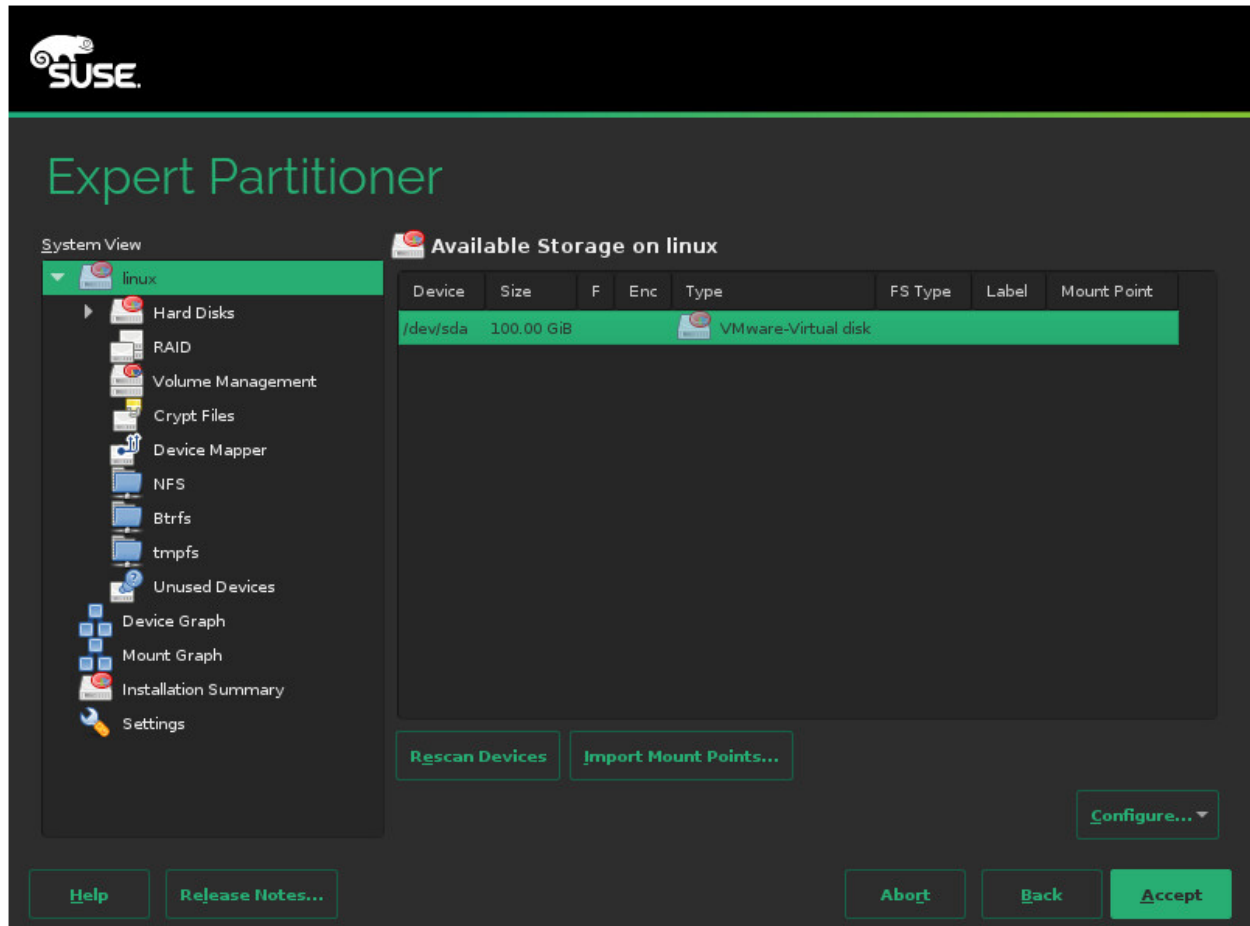
☒ Download repository description files

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

Click on expert partitioner,



Expert partitioner will create the minimum partitions automatically if you want to make custom partition delete those partitions here I deleted them you can see as below, now I have 100 GB raw virtual disk.




Right click on the virtual disk and click on add partition,

Click on primary partition as below, and click next



Click on the custom size and enter the size of the disk to the partition as shown below, click next



Add Partition on /dev/sda

New Partition Size

☐ Maximum Size (100.00 GiB)

☒ Custom Size

Size

70.00 GiB

☐ Custom Region

Start Cylinder

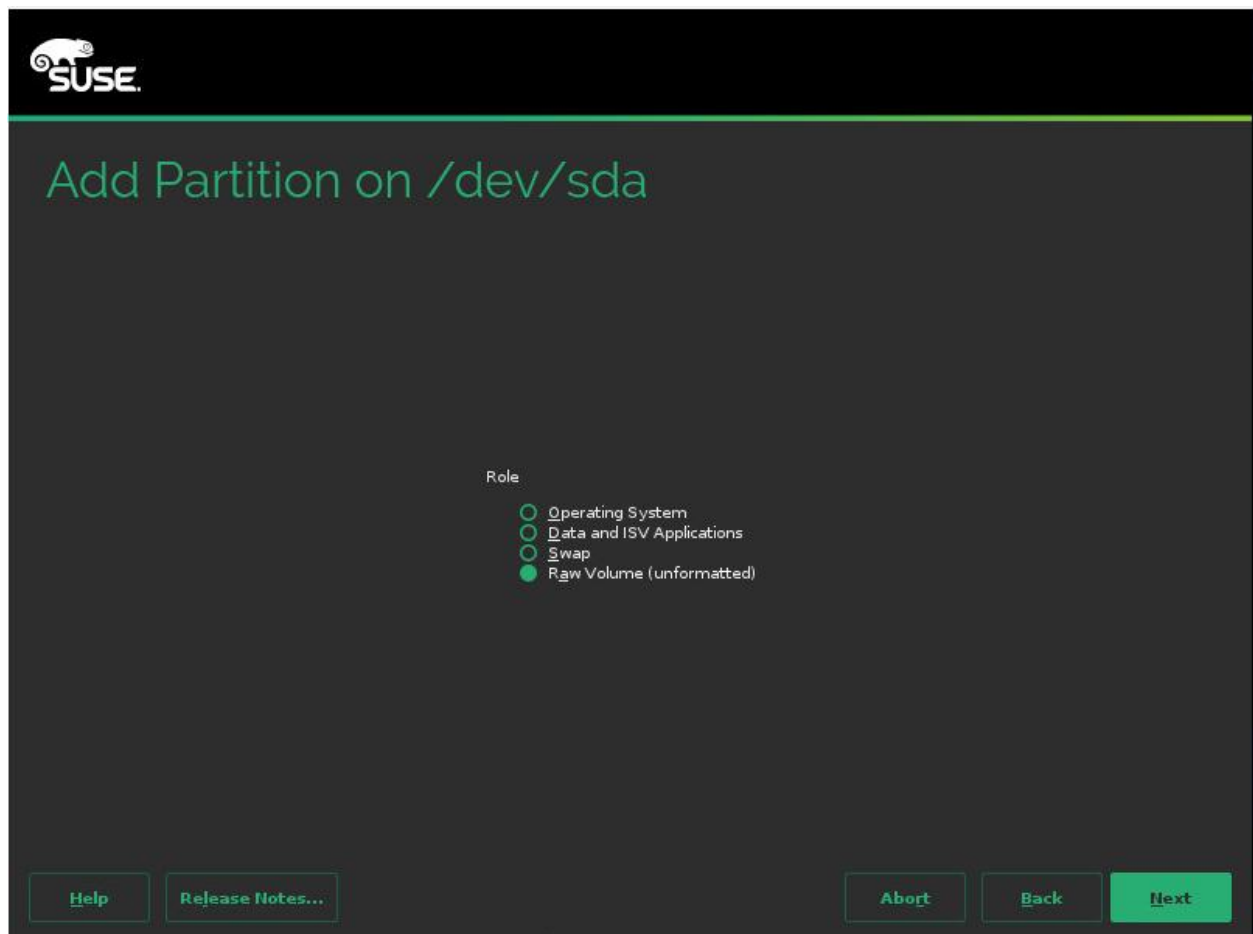
0

End Cylinder


13053

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

Click on raw volume unformatted and click next as below,



Select the format partition and set the file system to ext4 or which one you want and select mount partition and select mount point to root (/) click on finish



Add Partition on /dev/sda

Formatting Options

☒ Format partition

File System

Ext4

Options...

☐ Do not format partition

File system ID:

0x83 Linux

☐ Encrypt Device

Mounting Options

☒ Mount partition

Mount Point

/

Fstab Options...

☐ Do not mount partition

Help

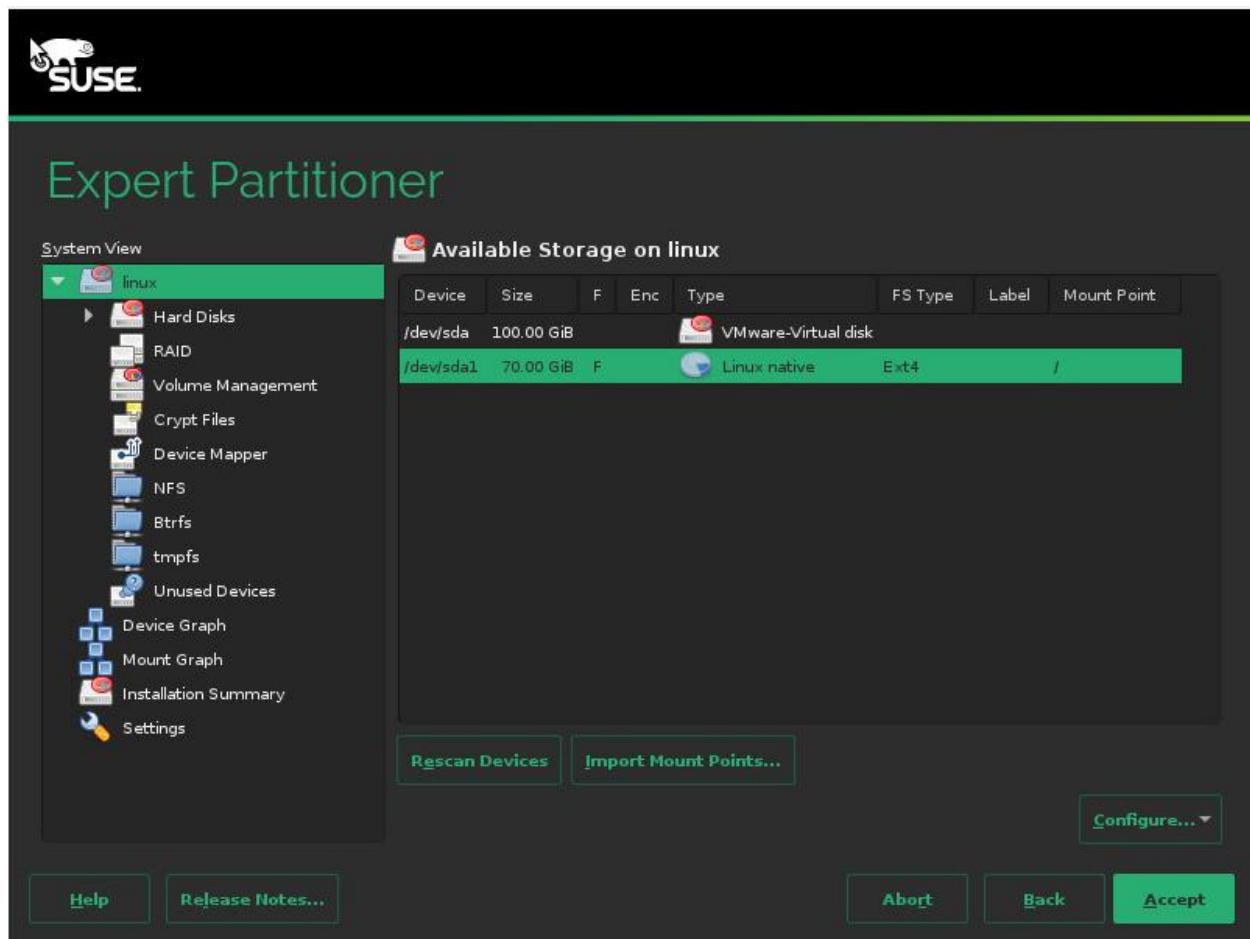
Release Notes...

Abort

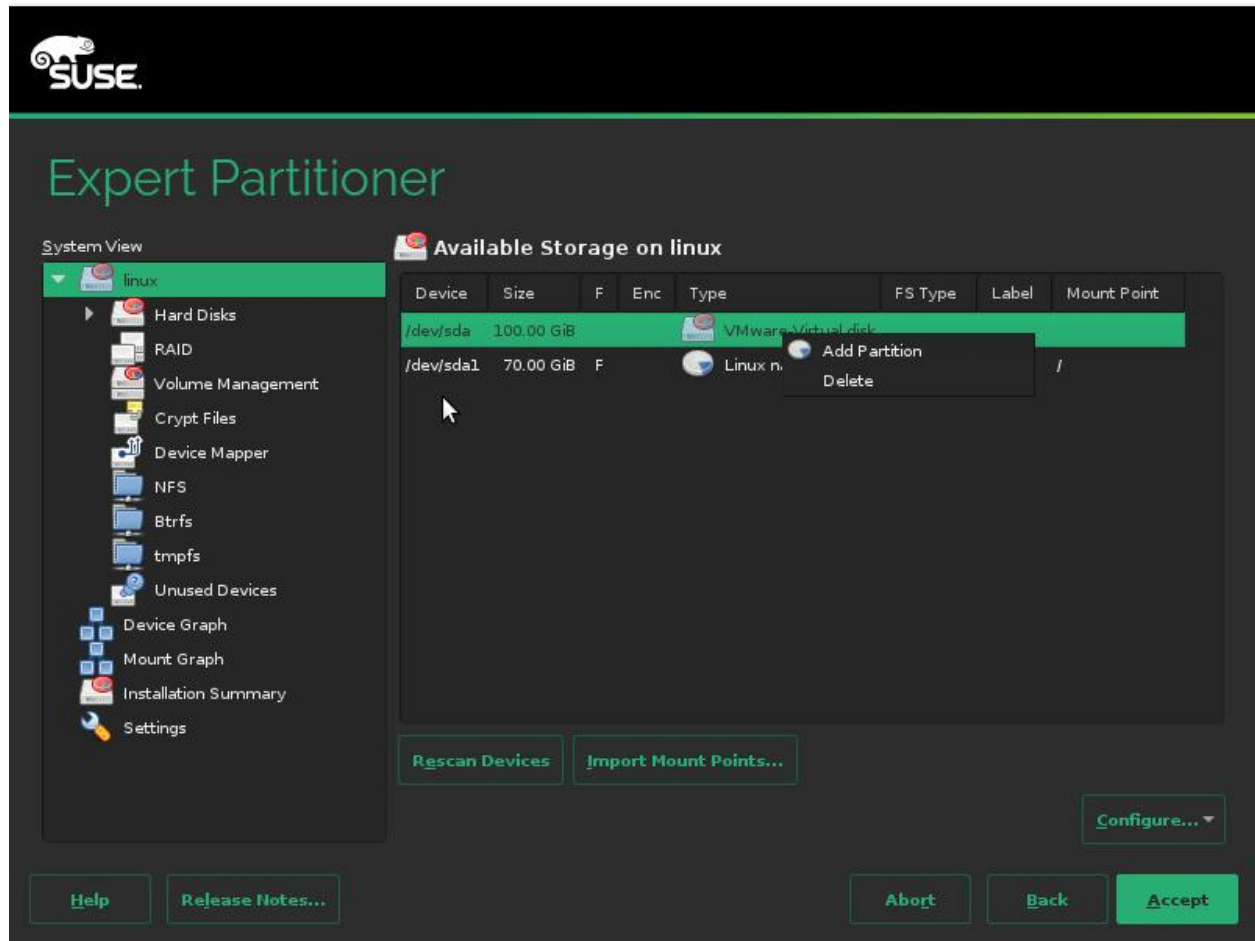
Back

Finish

Now you can see root partition is created .




Again right click on the vmware-virtual disk and click add partition as shown below,



Select primary partition and click next,



Select the disk size for the partition and click next.



Add Partition on /dev/sda

New Partition Size

☐ Maximum Size (30.00 GiB)

☒ Custom Size

Size

10.00 GiB

☐ Custom Region

Start Cylinder

9138

End Cylinder


13053

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

Click on swap and click next,



Click on finish .



Add Partition on /dev/sda

Formatting Options

☒ Format partition

File System

Swap

Options...

☐ Do not format partition

File system ID:

0x82 Linux swap

☐ Encrypt Device

Mounting Options

☒ Mount partition

Mount Point

swap

Fstab Options...

☐ Do not mount partition

Help

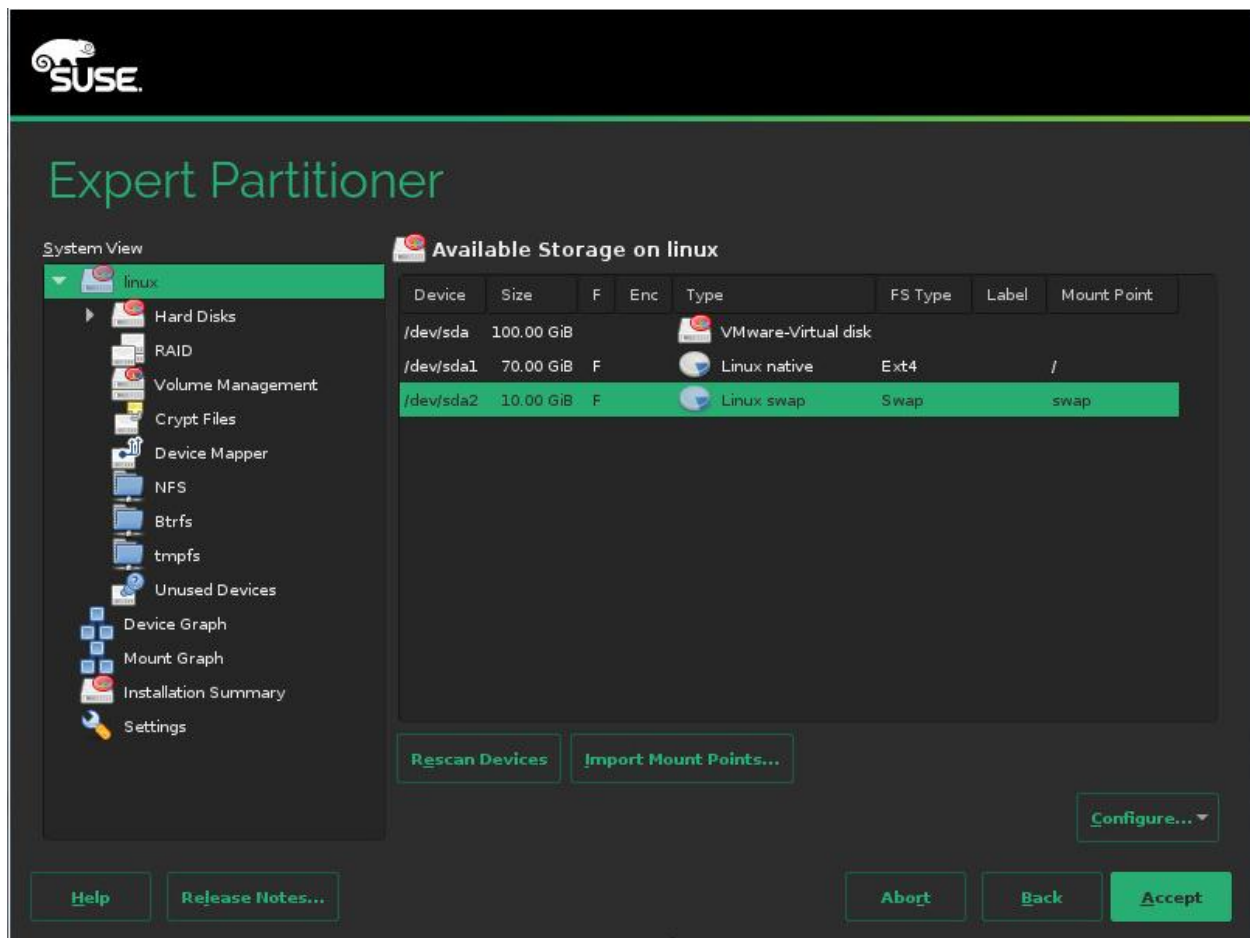
Release Notes...

Abort

Back

Finish

Now you can see another new partition is created as below.



Here I am creating 2 more partitions which is home and boot follow the same steps .



Add Partition on /dev/sda

New Partition Size

- ☐ Maximum Size (20.00 GiB)
- ☒ Custom Size

Size

18.00 GiB

- ☐ Custom Region

Start Cylinder

10443

End Cylinder

13053

[Help](#)

[Release Notes...](#)

[Abort](#)

[Back](#)

[Next](#)



Add Partition on /dev/sda

Formatting Options

☒ Format partition

File System

Ext4

Options...

☐ Do not format partition

File system ID:

0x83 Linux

☐ Encrypt Device

Mounting Options

☒ Mount partition

Mount Point

/home

Fstab Options...

☐ Do not mount partition

Help

Release Notes...

Abort

Back

Finish



Expert Partitioner

System View

linux

Hard Disks

RAID

Volume Management

Crypt Files

Device Mapper

NFS

Btrfs

tmpfs

Unused Devices

Device Graph

Mount Graph

Installation Summary

Settings

Available Storage on linux

Device	Size	F	Enc	Type	FS Type	Label	Mount Point
/dev/sda	100.00 GiB			VMware-Virtual disk			
/dev/sda1	70.00 GiB	F		Linux native	Ext4		/
/dev/sda2	10.00 GiB	F		Linux swap	Swap		swap
/dev/sda3	18.00 GiB	F		Linux native	Ext4		/home

Rescan Devices

Import Mount Points...

Configure... ▾

Help


Release Notes...

Abort

Back

Accept

This is for boot/operating system,



Add Partition on /dev/sda

Formatting Options

☒ Format partition

File System

Ext4

Options...

☐ Do not format partition

File system ID:

0x83 Linux

☐ Encrypt Device

Mounting Options

☒ Mount partition

Mount Point

/boot

Fstab Options...

☐ Do not mount partition

Help

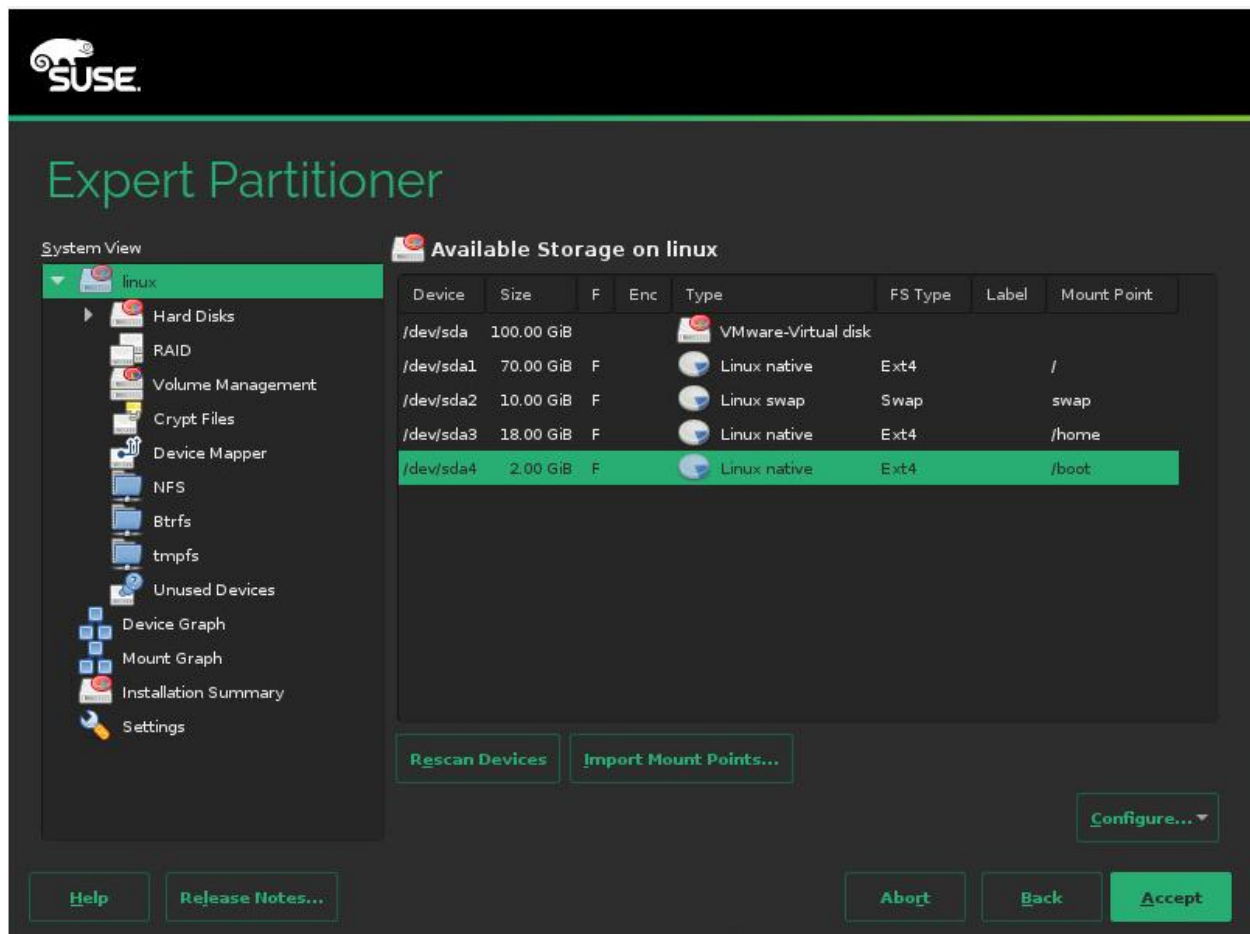
Release Notes...

Abort

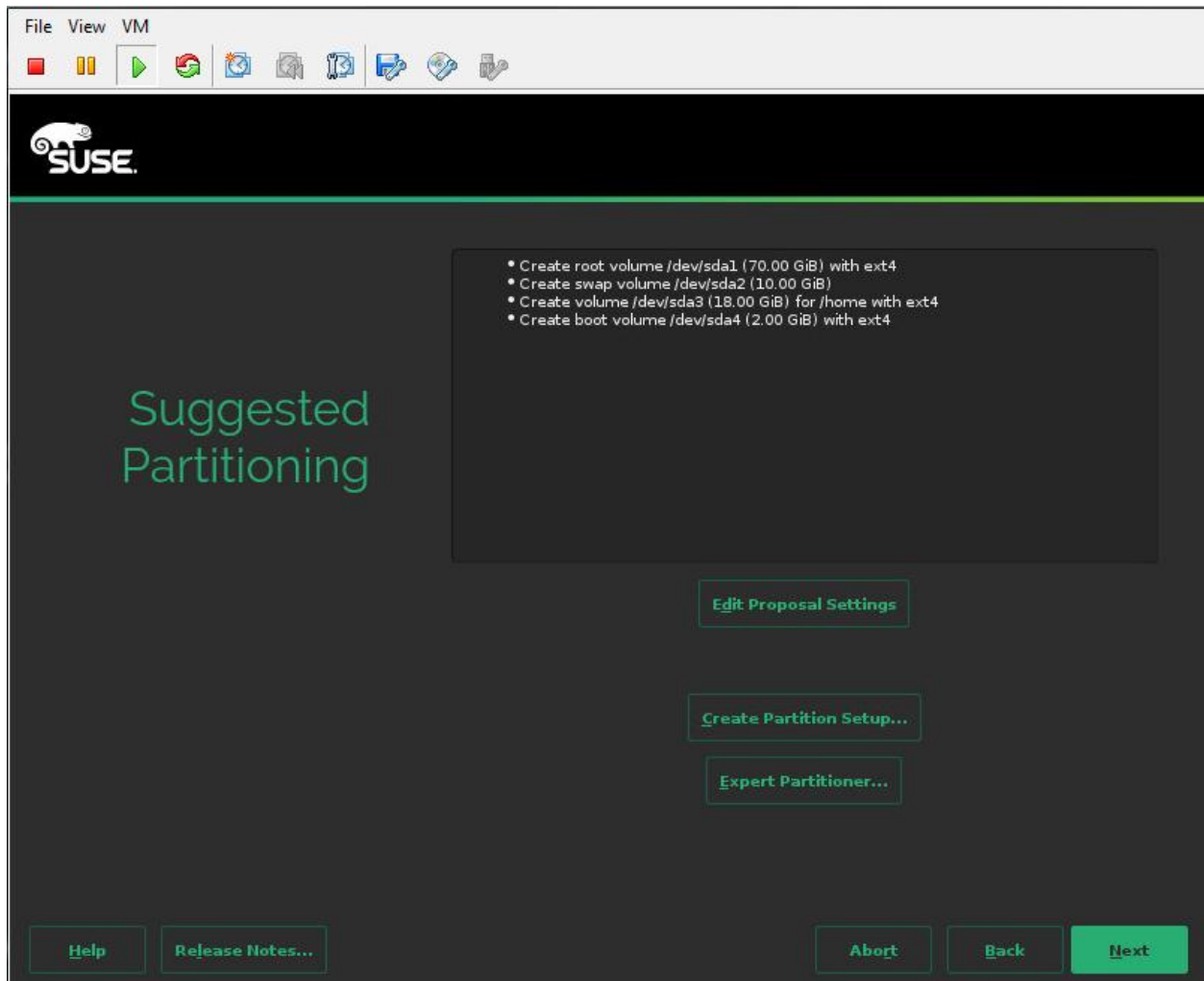
Back

Finish


Here we can see all the partitions are created , now click on accept,




Click next,



Select the time zone and click next,



Clock and Time Zone




Region: **Asia** Time Zone: **Kolkata**

☒ Hardware Clock Set to UTC Date and Time: 2017-12-01 - 16:09:13 [Other Settings...](#)

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

Enter the user name and password and click next.



Create New User

User's Full Name
guru

Username
guru

Password
●●●●●●●●

Confirm Password
●●●●●●●●

☒ Use this password for system administrator

☐ Receive System Mail

☐ Automatic Login

Summary

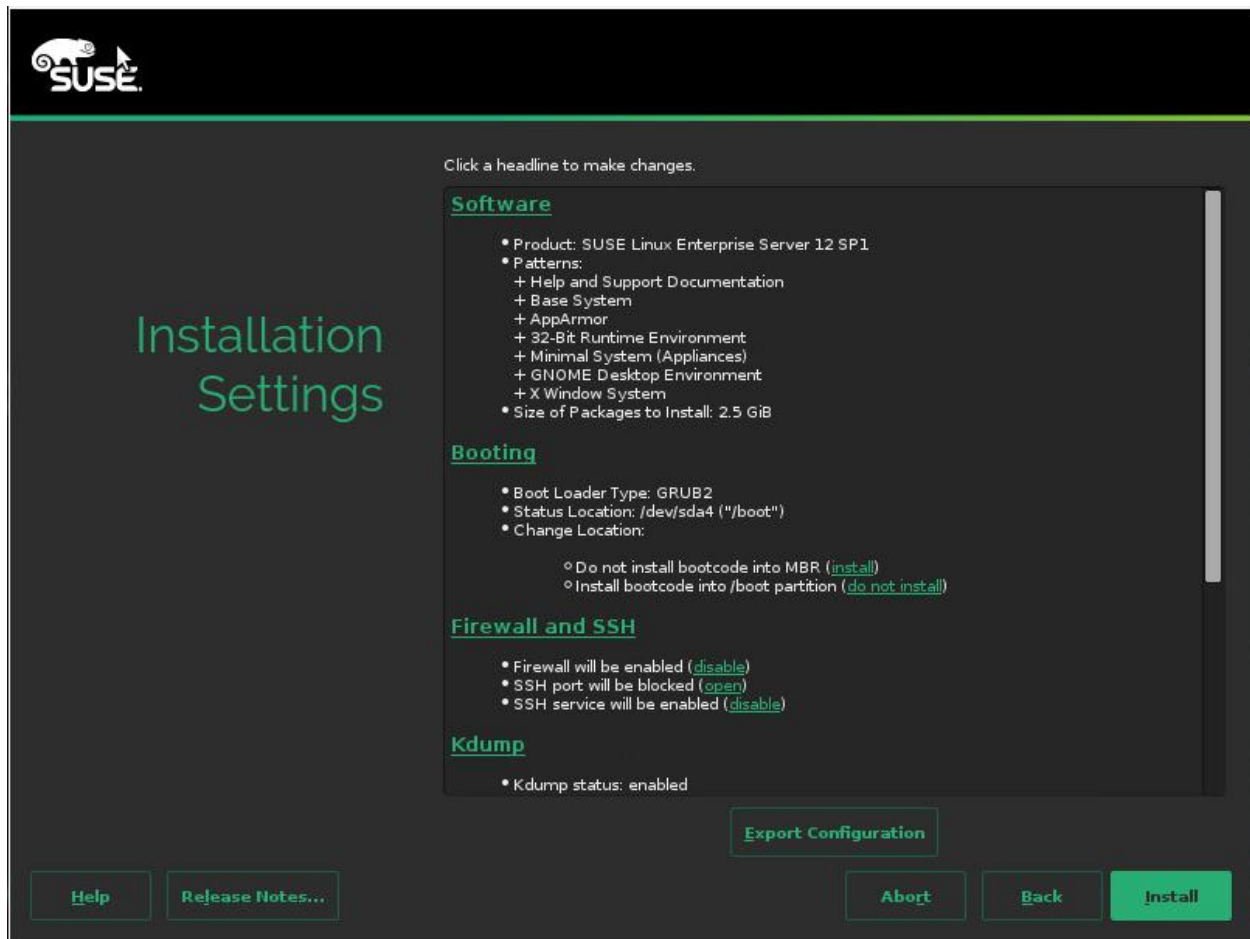
The authentication method is local /etc/passwd.

The password encryption method is SHA-512.

[Change...](#)

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

Click on install.



Confirm Installation

Information required for the base installation is now complete.

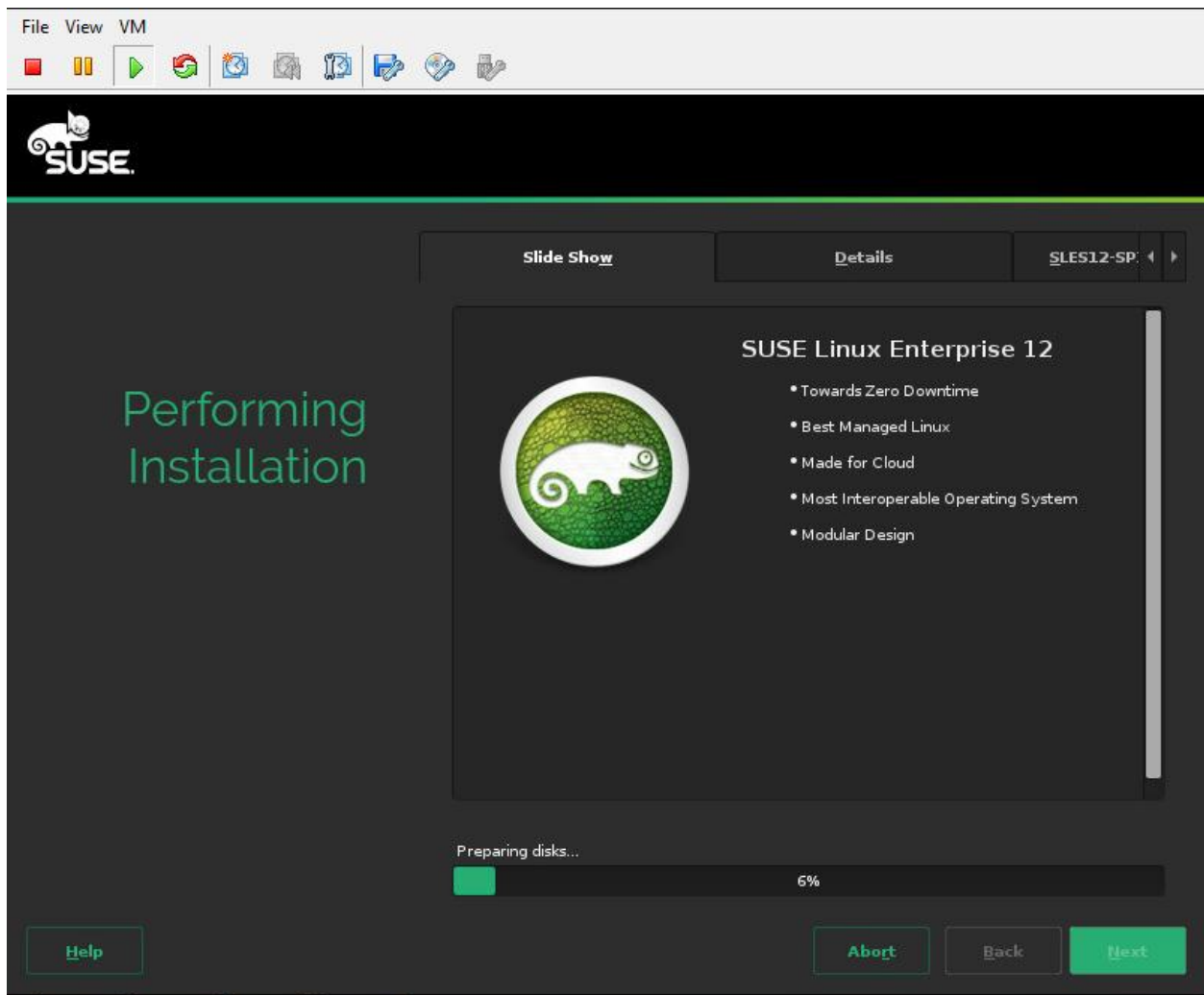
If you continue now, partitions on your hard disk will be modified according to the installation settings in the previous dialogs.

Go back and check the settings if you are unsure.

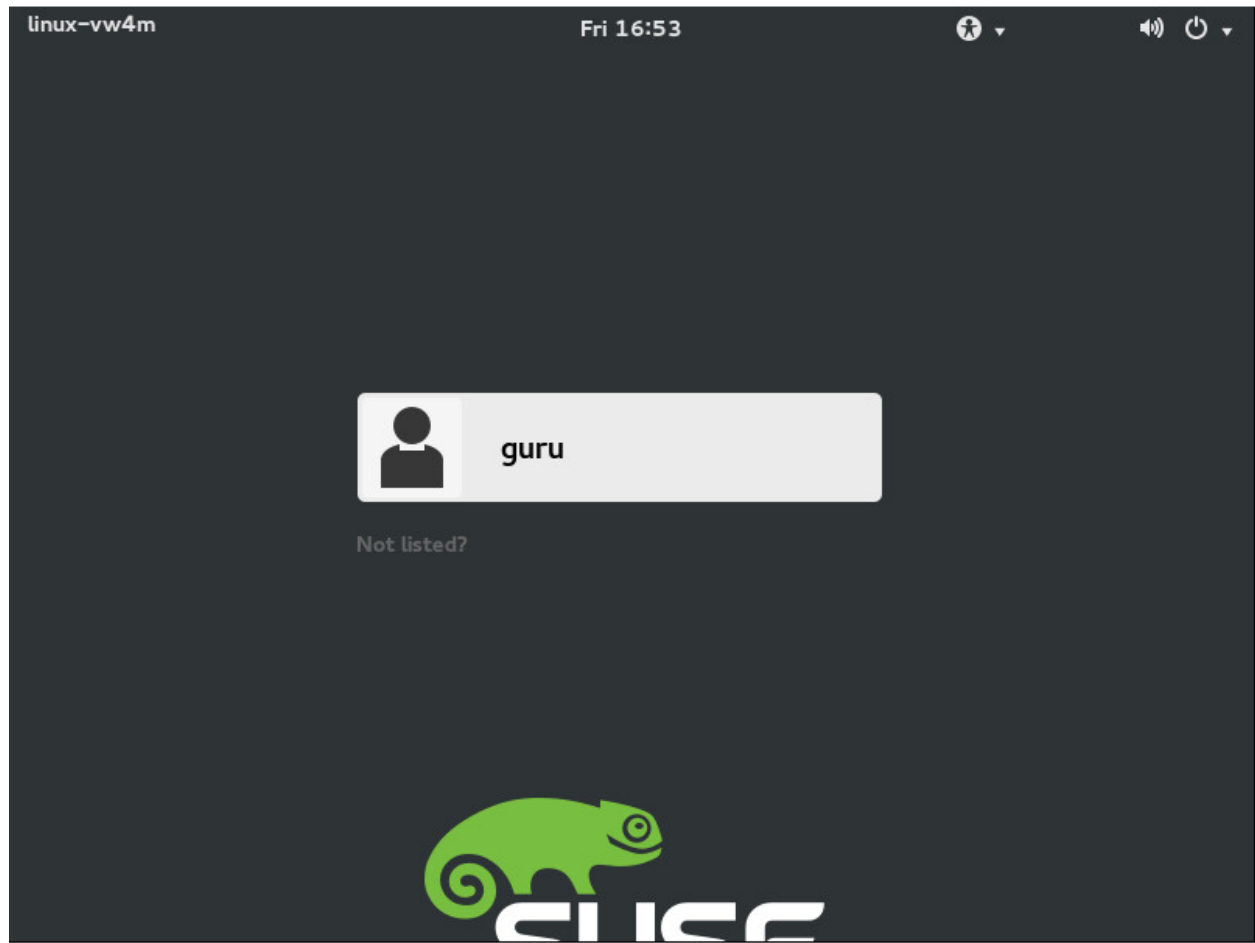
Install

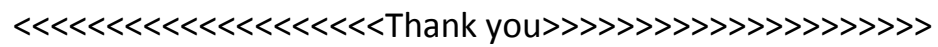
Back

Installations begins, it takes few minutes to complete.



Once the installation is finished you can access the desktop by login as a user / root user as shown below.





<<<<<<<<<<<<<<<Thank you>>>>>>>>>>>>>>>>