



Release Notes

openSUSE 13.2

openSUSE is a free and Linux-based operating system for your PC, Laptop or Server. You can surf the web, manage your e-mails and photos, do office work, play videos or music and have a lot of fun!

#####2017-01-17, #13.2.20170117

##

- 1 ## 2
- 2 ##### 3
- 3 ##### 4
- 4 ##### 4
- 5 ## 6
- 6 ##### 6

The end of the maintenance period for openSUSE 13.2 is now reached. To keep your systems up to date and secure, migrate to a current openSUSE version.

For more information about upgrading to a current openSUSE version, see <http://en.opensuse.org/SDB:Distribution-Upgrade>. Make sure that all maintenance updates for openSUSE 13.2 are applied before starting the update.

openSUSE ##### http://en.opensuse.org/openSUSE:Release_Notes

1

1.1 Live CD

Live CD ##### QWERTY #### (### en-US ##)##### QWERTY
###

localectl

```
localectl set-x11-keymap de pc105 nodeadkeys
```

DVD

1.2 ## YaST

YaST # 13.1 ### 13.2 ##### Wicked ##### NetworkManager

Wicked ##### NetworkManager#

```
systemctl is-active network.service && systemctl stop network.service
systemctl is-active wickedd.service && systemctl stop wickedd.service
systemctl disable wicked.service
systemctl --force enable NetworkManager.service
systemctl start network.service
```

NetworkManager#

```
systemctl -p Id show network.service
```

/etc/resolv.conf

```
netconfig update
```

```
### systemctl ##### wpa_supplicant #####
```

1.3 ##### Stage1

```
##### YaST #####Warning: No location for bootloader stage1 selected. Unless
you know what are you doing please select above location.#
```

```
##### YaST ##### (### Factory ###)#####
```

1.4 BtrFS # Windows XP

```
##### Windows XP ##### openSUSE 13.2 ### BtrFS #####YaST #####
```

```
##### Ext4 ### BtrFS ##### Factory#### 13.2 #####
```

1.5 # Live CD #####Grub2

```
YaST ##### LiveCD #####GRUB2 ##### openSUSE 13.2 ##### DVD #####
#####
```

1.6

```
##### YaST #####
```

2

2.1 UEFI—#####

```
### openSUSE ### UEFI (#####) ##### Windows 8#####
##### UEFI ###
```

```
##### ## UEFI ##### UEFI ##### openSUSE #####
##### UEFI ## openSUSE ##### Linux ##### UEFI #####
(pstore)#####
```

2.2 UEFI#GPT # MS-DOS

```
# EFI/UEFI #####GPT#GUID Partition Table##### GUID#128#####32#####
#####
```

```
###UEFI ##### MBR#MS-DOS##### Linux #####ELILO # GRUB2##### GUID #####
##### GUID #####
#####garbage collector#####entries#####entries#####
##entries#####
##### MBR ##### GPT #####
```

2.3 ### Secure Boot

```
##### UEFI Secure Boot #####
# openSUSE 13.1 ##### shim ##### Secure Boot ##### BIOS #####
#### BIOS ##### openSUSE ## (http://en.opensuse.org/openSUSE:UEFI)#####
#####
```

3

4

4.1 ## Nouveau

```
##### NVIDIA ##### nouveau ##### nouveau #####
#####
##### grub #####'##'## 'e' ##### 'Linux'## 'linuxefi'#####
brokenmodules=nouveau ##### F10 ##### nouveau ##### /etc/
modprobe.d/50-blacklist.conf ##### nouveau ###
```

4.2 ## FGLRX

```
#### openSUSE 13.2 # AMD FGLRX ##### https://lizards.opensuse.org/2014/11/01/fglrx-warning-opensuse-13-2-tumbleweed/ #
```

4.3

```
##### Intel ##### xf86-video-intel #####
##### Intel #####
```

4.4 virt-manager

```
##### virt-manager ##### typelib-1_0-Gtk-3_0 typelib-1_0-SpiceClientGtk-3_0 #  
typelib-1_0-GtkVnc-2_0 #  
#####
```

4.5

```
openSUSE 13.2 ##### 13.1 ##### UMTS ## 3G ##### root ###  
##### /etc/polkit-default-privs.standard #####
```

```
# ModemManager  
org.freedesktop.ModemManager.Device.Control      auth_admin:auth_admin:yes
```

```
##
```

```
# ModemManager  
org.freedesktop.ModemManager.Device.Control      auth_admin_keep
```

4.6 YaST GTK

```
YaST # GTK ##### GNOME # XFCE ##### QT ### YaST#
```

```
sudo /sbin/yast2 --qt
```

4.7 ## openSUSE 13.2 ## cifstab # fstab

```
##### /etc/samba/cifstab ### cifs ##### /etc/fstab ####  
#####
```

1. ##### /etc/samba/cifstab.rpmsave ##### /etc/fstab #
2. ## 0 0 # /etc/fstab ##### cifs #####

```
##### /usr/share/doc/packages/cifs-utils/README.cifstab.migration #
```

4.8 ##### openSUSE 13.1 KDE

```
##### openSUSE 13.1 KDE #####
```

```
rm ~/.kde4/cache-*/plasma-wallpapers/usr/share/wallpapers/openSUSEdefault/contents/
images/*
```

4.9 MATE

```
MATE ##### openSUSE 13.2 ##### MATE 1.8.1##### Linux ### Unix-like #####
#####
openSUSE ##### openSUSE 11.4 ## GNOME ## (##### Sonar ####) #####
```

4.10 GNOME

```
GNOME ##### GNOME #####
##
```

4.11 AppArmor

```
AppArmor #####
AppArmor ##### complain ###
```

```
aa-complain /usr/bin/$your_service
```

```
complain #####
##### AppArmor #####
```

5

5.1 YaST (Qt ##) # "Service Manager"

```
# YaST (Qt ##) # #System# #####Service Manager# ##### YaST ##### #hidden# #####
##### YaST #####
```

6

- ##### CD ## README ###
- # RPM #####

```
rpm --changelog -qp <FILENAME>.rpm
```

<FILENAME> #####

- ##### DVD ##### ChangeLog #####
- ### DVD ## docu #####
- <https://activedoc.opensuse.org/>  #####
- Visit <http://www.opensuse.org>  for the latest product news from openSUSE.

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