



Release Notes

openSUSE 13.2

openSUSE ##### Linux #####
#####

#####2014-12-22, #13.2.20141216

##

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

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 and Windows XP

If you have Windows XP and want to install openSUSE 13.2 with BtrFS, an error message in YaST will inform you about problems during the bootloader installation.

```
##### 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

If you find a problem executing virt-manager, try installing typelib-1_0-Gtk-3_0, typelib-1_0-SpiceClientGtk-3_0 and 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/>  #####
- ### <http://www.opensuse.org>  ### openSUSE #####

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