



Release Notes

openSUSE 13.2

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

####2015-12-14, #13.2.20151214

##

- 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 # 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>)#####
####

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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 #####
```

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



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

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- ##### 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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