
openSUSE 13.1

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GNU ##### (1.2#####) #####/#####

fdl.txt ####

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openSUSE

#####

- # 1 # “##”##### openFATE ####openFATE # openSUSE ###/##### (http://features.opensuse.org)#

###

- # 2 # “##”#####

- # 3 # “##”#####

- # 4 # “####”##### openSUSE#####

- # 5 # “##”#####

1.

###

2.

2.1.

```
##### # 3.1 # "openSUSE ##" #
```

2.2.

```
12.3 ##
```

```
#####NetworkManager ##### (##)#####
```

2.3. NVIDIA ##### /dev/nvidia*

```
12.3 ##
```

```
##### video ### NVIDIA ##### /dev/nvidia* ###
```

```
## NVIDIA ##### video ##; # root #### (#####  
# $USER)#
```

```
usermod -a -G video $USER
```

3.

3.1. openSUSE

- # ##### KDE#GNOME #### LibreOffice #####
bash

Find the documentation in `/usr/share/doc/manual/opensuse-manuals_${LANG}` after installing the package `opensuse-startup_${LANG}`, or online on <http://doc.opensuse.org>.

3.2. Dropped YaST Modules

The following YaST modules were obsolete and rarely used these days:

- `yast2-autofs`
- `yast2-dbus-client`
- `yast2-dirinstall`
- `yast2-fingerprint-reader`
- `yast2-irda`
- `yast2-mouse`
- `yast2-phone-services`
- `yast2-power-management`
- `yast2-profile-manager`

- yast2-sshd
- yast2-tv

The main reason for dropping was to decrease the maintenance effort and better focus on other more used modules.

3.3. UEFI—#####

12.3 ##

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

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

3.4. #####YaST

12.3 ##

```
#### UEFI #####
```

```
#####YaST ##### "#  
#####" ###
```

3.5. # UEFI #### Live

12.3 ##

```
##### UEFI #####
```

```
### Live #####YaST #### UEFI ##### grub2 ###  
grub2-efi#
```

3.6. UEFI ##### LVM ## /boot

12.3 ##

```
##### UEFI #####
```

```
##### LVM ### (#####)YaST ##### /boot ##### initrd #### (#####) LVM  
##### UEFI #####
```

4.

4.1. systemd### network.service ##### NetworkManager

12.3 ##

```
##### YaST ##### (yast2 network) ## NetworkManager##### NetworkManager#####
```

```
#### NetworkManager # /etc/sysconfig/network/config ## NETWORKMANAGER #####
systemd # network.service #####

systemctl enable NetworkManager.service

##### NetworkManager.service # network.service ##### /etc/
init.d/network #####

systemctl -p Id show network.service

#####

### NetworkManager###

• #####

systemctl      is-active network.service && \
systemctl      stop      network.service

• ## NetworkManager ###

systemctl --force      enable NetworkManager.service

• ## NetworkManager ## (#####)#

systemctl      start      network.service

### NetworkManager###

• #####

systemctl      is-active network.service && \
systemctl      stop      network.service

• ## NetworkManager ###

systemctl disable NetworkManager.service

• ## /etc/init.d/network ###

systemctl      start      network.service

#####

systemctl -p Id show      network.service

####      NetworkManager      #####      "Id=NetworkManager.service"#####
"Id=network.service" ## /etc/init.d/network #####
```

4.2. ### SYSLOG_DAEMON

12.3 ##

```
SYSLOG_DAEMON ##### syslog ##### openSUSE 12.3 ##### syslog ###
#####

#### syslog(8) ####
```

5.

5.1. ## KMS ##### (#####)

12.3 ##

```
# openSUSE 11.3 ##### Intel#ATI#NVIDIA ##### KMS (#####)##### KMS ##### KMS
##### (intel#radeon#nouveau)##### nomodeset ### KMS#### Grub2, #####
##### /etc/default/grub ##### GRUB_CMDLINE_LINUX_DEFAULT #####
#####
```

```
sudo /usr/sbin/grub2-mkconfig --output=/boot/grub2/grub.cfg
```

```
##### Grub Legacy##### /boot/grub/menu.lst#####
initrd ### modeset=0 ##### (intel, radeon, nouveau)##### KMS#
```

```
##### initrd ## DRM #####KMS ##### initrd ##### DRM #####
# KMS### YaST # NO_KMS_IN_INITRD sysconfig ##### yes##### initrd#####
```

```
# Intel ##### KMS# X ##### fbdev ## (intel ##### KMS);##### Intel ###"intellegacy" ##
(xorg-x11-driver-video-intel-legacy ###) ##### UMS (#####)##### /etc/
X11/xorg.conf.d/50-device.conf### driver ##### intellegacy#
```

```
#### ATI #####X ##### radeonhd##NVIDIA ##### KMS#X ##### nv ###
(nouveau ##### KMS)##### nomodeset ##### ATI # NVIDIA #####
fbdev#
```

5.2. ## Postfix

12.3 ##

```
# openSUSE 12.3 ##SuSEconfig.postfix ##### /usr/sbin/config.postfix#### /etc/
sysconfig/postfix # /etc/sysconfig/mail ##### sysconfig ##### root ##### /usr/
sbin/config.postfix#
```

5.3. GNOME: # Shift # Ctrl+Shift

12.3 ##

```
# Gnome 3.6 ##### Shift # Ctrl+Shift #####
```

1. ## gnome-tweak-tool#

2. ## gnome-tweak-tool ('##>'#####)#

3. ##### '##'#####

```
##### https://bugzilla.gnome.org/show_bug.cgi?id=689839 #####
```

5.4. xinetd#####

```
xinetd ##### /var/log/xinetd.log ##### xinetd #####
#####
```

```
##### /etc/xinetd.conf #####xinetd.log # logrotate ##### /usr/  
share/doc/packages/xinetd/logrotate ####
```

5.5. Apache Version 2.4

Apache 2.4 features various changes in the configuration files. For more information about upgrading from a previous version, see <http://httpd.apache.org/docs/2.4/upgrading.html>.

5.6. tomcat#####

```
tomcat ##### /var/log/tomcat/catalina.out ##### tomcat.service  
(tomcat-jsvc.service) #####
```

5.7. Darktable#####

```
##### openSUSE 13.1 ##### ~/.cache/darktable/mipmaps#
```