

Difficulté



Moyen

Configuration of my Fedora23 XFCE

Authentication on the SME-server

[Authentication client Fedora on SME-server via sssd ldap](#)

SSH connection to the SME and mounting the SME on the Fedora

[Connection SSH of the Fedora 22 from the SME](#)

Installation of supplementary repositories:

- Installation of both free and non-free repos of RPMFusion:

```
su -c 'dnf install
http://download1.rpmfusion.org/free/fedora/rpmfusion-free-release-$(rpm
-E %fedora).noarch.rpm \
http://download1.rpmfusion.org/nonfree/fedora/rpmfusion-nonfree-release
-$(rpm -E %fedora).noarch.rpm'
```

Small settings

Midori

Midori, instead of Firefox, can't manage the certificates. Therefore, the management system of GNOME for the certificates as to be enabled:

Applications→Parameters→Session and start

Then go to advanced and tick on "enable GNOME services by start"

Reboot

Icons for shortcuts on the desktop

are here

```
/usr/share/oxygen/32x32/
```

Add general packages

```
sudo dnf install dia xsane gimp numlockx wget gvfs-smb darktable gvfs-mtp  
xscreensaver unetbootin
```

Install libre-office

```
sudo dnf install libreoffice-calc libreoffice-draw libreoffice-impress  
libreoffice-langpack-fr libreoffice-writer
```

Multimedia

- Installation of xfce4-volumed to get control about the audio volume

```
dnf install xfce4-volumed
```

- Replace lxmusic through rhythmbox

```
sudo dnf remove lxmusic  
sudo dnf install rhythmbox
```

Enable rc.local

- create and configure the file /etc/rc.d/rc.local and give execution permissions (chmod 755)

```
sudo nano /etc/rc.d/rc.local
```

and enter in it:

```
#!/bin/bash
```

and then

```
sudo chmod +x /etc/rc.d/rc.local
```

- Start the service rc.local:

```
sudo systemctl start rc-local.service  
sudo systemctl enable rc-local.service  
sudo systemctl status rc-local.service
```

Enable the Wake-on-Lan

- Instal «ethtool»

```
sudo dnf install ethtool
```

- Find the name of the interface you want to “wake up”:

```
ifconfig
```

- Check if the WOL is active / make it active:

```
sudo ethtool <my_interface>
```

should / must give Wake-on: g to have the WOL active. Wake-on: d means «disactive». Then add in /etc/sysconfig/network-scripts/ifcfg-my_interface:

```
ETHTOOL_OPTS="wol g"
```

- Add in /etc/rc.d/rc.local:

```
/usr/sbin/ethtool -s enp5s0 wol g
```

- Restart. The WOL should now work (ethtool returns Wake-on: g)



Don't forget to configure the Bios to support the WOL too!!

Enable automatically the numeric pad

Use and configure numlockx:

- for the sessions: add “greeter-setup-script=/usr/bin/numlockx on” in the section [seatDefaults] of the file

```
/etc/lightdm/lightdm.conf
```

- for the terminals, add following in /etc/rc.d/rc.local

```
# Turn Numlock on for the TTYs:  
for tty in /dev/tty[1-6]; do  
/usr/bin/setleds -D +num < $tty  
done
```

Installation of the polices M\$: «msttcorefonts»:

Download follwing rpm and install locally:

```
wget  
ftp://fr2.rpmfind.net/linux/sourceforge/p/po/postinstaller/fedora/releases/2  
3/x86_64/msttcorefonts-2.5-2.fc23.noarch.rpm  
sudo dnf install msttcorefonts-2.5-2.fc23.noarch.rpm
```

Installation of a Flash-player:

```
sudo rpm -ivh  
http://linuxdownload.adobe.com/adobe-release/adobe-release-x86_64-1.0-1.noar  
ch.rpm  
sudo rpm --import /etc/pki/rpm-gpg/RPM-GPG-KEY-adobe-linux  
sudo dnf install flash-plugin
```

Wallpapers on the desktop

[Wallpapers on desktop:](#)

Printers

for my HP printer:

```
sudo dnf install hplip-gui system-config-printer
```

hplip-gui seems to be necessary to allow Xsane to detect the scanner (USB plugged).

Email / Calendar / Adress book

I wanted to have clients for emails, calendar (calDAV) and address-book (cardDAV). It must not be a all-in-one solution.

The only not-too-bad solution I found is called "Evolution". It can natively do all these jobs without any plugin.

```
sudo dnf remove claws-mail  
sudo dnf install evolution
```

Installation of ownCloud

```
sudo dnf install owncloud-client
```

Enable backups by BackupPC of the SME

Source: <http://geekeries.de-labrusse.fr/?p=2586>

To make backups possible, the user "backuppc" of the SME must be able to connect via ssh to this client Fedora without entering any password. Therefore the user "backuppc" must have a private ssh-key without passphrase and the public key must be send to the client Fedora.

On the SME-server:

```
u -s /bin/bash backuppc #
to login with the user backuppc
ssh-keygen -t rsa -b 2048 #
without passphrase
ssh-copy-id -i ~backuppc/.ssh/id_rsa.pub root@ip_of_the_client_Fedora #
to send the public key

## Test: ##
ssh -l root@ip_of_the_client_Fedora #
a connexion without entering password should be working
exit #
to close the connexion to fedora
exit #
to logout the user backuppc
```

Upgrading Fedora22 --> Fedora23

- ownCloud has to be removed, as well as the corresponding repo

```
sudo rm /etc/yum.repos.d/isv\:ownCloud\:desktop.repo
```

- proceed the upgrade:

```
dnf install dnf-plugin-system-upgrade
dnf system-upgrade download --releasever=23
dnf system-upgrade reboot
```

- reinstall the client owncloud (present in the repos of Fedora now)
- modify the ssh copnfig to allow connection from the SME: [Connection SSH of the Fedora 22 from the SME](#)

Keyring

per default, the gnome-keyring is not unlocked at the login and its password has to be entered by hand for each login.

Solution: ????? <http://www.nurdletech.com/linux-notes/agents/keyring.html>

From:
<https://wiki.guedel.eu/> - **Wiki-Guedel**

Permanent link:
https://wiki.guedel.eu/doku.php?id=welcome:fedora:configuration_fedora23_xfce

Last update: **2016/12/11 19:42**

