

# Linux

## Linux Stuff

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# Samba Client CIFS

[https://www.thomas-krenn.com/en/wiki/Mounting\\_a\\_Windows\\_Share\\_in\\_Linux](https://www.thomas-krenn.com/en/wiki/Mounting_a_Windows_Share_in_Linux)

```
sudo apt-get install cifs-utils
```

```
mount -t cifs //192.168.1.100/freigabe /mnt -o user=testuser
```

For permanent mount

<http://timlehr.com/auto-mount-samba-cifs-shares-via-fstab-on-linux/>

- .smb

```
user=docker
password=pass
domain=madsprite.com
```

- /etc/fstab

```
//192.168.0.5/media /fileservers/media cifs
uid=1000,gid=1000,credentials=/root/.smb,_netdev,iocharset=utf8,vers=3.0,noperm,nofail,noauto,
x-systemd.automount,x-systemd.idle-timeout=120 0 0
```

x-systemd.automount provides autoconnect features upon filesystem calls.

/etc/systemd/system/mnt-media.mount

```
[Unit]
Description=CIFS Share for Video Files
Requires=network-online.target
After=network-online.service

[Mount]
What=//192.168.0.10/media
Where=/mnt/media

Options=uid=1000,gid=1000,credentials=/root/.smb,_netdev,iocharset=utf8,vers=3.0,noperm,nofail
```

```
, noauto, x-systemd. automount, x-systemd. idle- timeout=120 0 0
```

```
  Type=cifs
```

```
[ Install]
```

```
  WantedBy=multi- user. target
```

# Debian Update Release Distro

update to the next distro stretch buster

```
apt update && apt upgrade -y && sed -i 's/stretch/buster/g' /etc/apt/*.list && sed -i  
's/stretch/buster/g' /etc/apt/sources.list.d/*.list
```

```
apt update && apt upgrade -y && apt dist-upgrade -y && apt autoremove -y && hostnamectl
```

# Bash Scripting Techniques

## cat multiline

```
cat <<EOF > /etc/apt/sources.list
deb http://http.kali.org/kali kali-rolling main non-free contrib
# deb-src http://http.kali.org/kali kali-rolling main non-free contrib
EOF
```

# Swap

```
sudo fallocate -l 2G /swapfile && sudo chmod 600 /swapfile && sudo mkswap /swapfile && sudo  
swapon /swapfile && free -h
```

```
sudo cp /etc/fstab /etc/fstab.bak && \  
echo '/swapfile none swap sw 0 0' | sudo tee -a /etc/fstab
```

```
sysctl vm.swappiness=10 && \  
sysctl vm.vfs_cache_pressure=50 && \  
echo 'vm.swappiness=10' | sudo tee -a /etc/sysctl.conf && \  
echo 'vm.vfs_cache_pressure=50' | sudo tee -a /etc/sysctl.conf
```

# Useradd

```
useradd -m -s /bin/bash -d /home/madsprite -c "MadSprite" madsprite
```

```
passwd madsprite
```

```
usermod -G sudo madsprite
```

# XFS format

```
mkfs.xfs -f /dev/sdf
mkdir /disk6
mount -t xfs /dev/sdf /disk6
echo "/dev/sdf /disk6 xfs defaults 0 0" >> /etc/fstab
"UUID=acb421fe-e4dc-4081-9cf3-48c6f80077b0 /disk12 xfs defaults,nofail,x-systemd.device-
timeout=20 0 0"

blkid
```



# Disable Colour profile

```
cd /usr/share/polkit-1/actions/  
cp -a org.freedesktop.color.policy org.freedesktop.color.policy.orig  
sed -e 's|>auth_admin<|>no<|g' org.freedesktop.color.policy.orig >  
org.freedesktop.color.policy
```

# Qradar CE license issue

<https://www.ibm.com/support/pages/node/6395080>

# Netboot

```
apt update;  
apt install ipxe;  
wget 'https://boot.netboot.xyz/ipxe/netboot.xyz.lkrn' -O /boot/ipxe.lkrn
```