

verot.net - replace krfb with xVNC on KDE

[xvnc_kde.htm](#)

I use VNC to remotely use a few machines in my network. And I use KDE. It happens so that *krfb*, the KDE desktop sharing server, is pretty bad. On all my setups, it eats up 100% of the CPU resources, making it difficult to use. And that, it is when it actually accepts the connection without crashing half a second later.

So, I install *xVNCserver* instead of *krfb*, and have it to start when KDE starts.

Remote machine setup

Install the packages

```
sudo apt-get install x11vnc vncserver
```

Set your VNC password

```
vncpasswd
```

Set *xVNCserver* to start with KDE

```
echo "#! /bin/sh" > ~/.kde/Autostart/x11vnc
echo "x11vnc -rfbauth ~/.vnc/passwd -bg -forever" >> ~/.kde/Autostart/x11vnc
chmod 700 ~/.kde/Autostart/x11vnc
```

Eventually, deactivate *krfb* and start manually *xVNCserver* for the first time

```
x11vnc -rfbauth ~/.vnc/passwd -bg -forever
```

Local machine setup

You should now be able to connect, from your local machine, to the remote machine (10.1.1.25)

```
vncviewer 1.1.1.25:5901
```

In a local network, you might want to connect to the remote machine without entering your password. In order to do so, create a local VNC password file

```
vncpasswd ~/.vnc/remote_passwd
```

Then you can create yourself a shortcut or an alias on the local machine, with the following command

```
vncviewer 10.1.1.25:5901 -passwd ~/.vnc/remote_passwd
```

Conclusion

That's all! Works flawlessly, I didn't manage to crash it, and the CPU use is about 20% (the remote machine is a PIII)