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r/debian • 2 yr. ago
Codemonkey314   •••

[HELP] Easy VNC steps

Does anyone have easy to follow steps to install vnc server on Debian 12 that uses KDE? seems all the instructions online use Mate or XFCE. I want it to load the same desktop i see when I'm on the system.

EDIT i should say i want this to be headless. When system comes up i want to be able to just connect, i dont want to have to open an application manually.
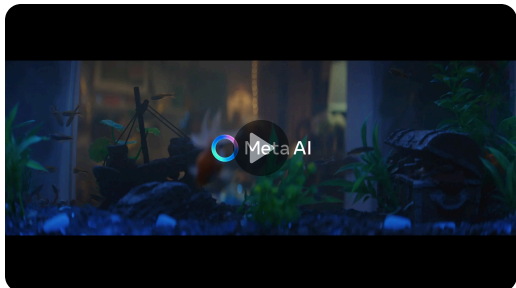
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[deleted] • 2y ago

Steps:

```
ssh User@DebianBox
```

```
sudo apt install tigervncserver
```

```
vncpasswd [password]
```

```
sudo nano /etc/tigervnc/vncserver.users
```

[password]

[add the following]

```
:1 User
```

[save & exit]

```
sudo nano /etc/tigervnc/vncserver-config-defaults
```

[password]

[add the following if you trust your network :-)]

```
$localhost = "no";
```

```
$SecurityTypes = "VncAuth,Plain";
```

[make sure you end each line with a semi-colon ";"]

[save & exit]

```
touch ~/.vnc/xstartup
```

```
nano ~/.vnc/xstartup
```

[add this to file]

```
#!/bin/bash
xrdb "$HOME/.Xresources"
xsetroot -solid grey
export XKL_XMODMAP_DISABLE=1
/etc/X11/Xsession
startxfce4 &
```

[save & exit]

[This will bypass any login and immediately open the desktop (in my case XFCE)]

```
sudo systemctl start tigervncserver@:1.service
```

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```
sudo systemctl status tigervncserver@:1.service
```

[password]

[if it all works then]

```
sudo systemctl enable tigervncserver@:1.service
```

[password]

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Codemonkey314 **OP** • 2y ago

> sudo systemctl enable tigervncserver@:1.service

Thank you so much for taking time to write all this! i got it working, only extra step i had to take was running vncserver manually and it asked for password. after that it starting working great

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Acquiesce67 • 3mo ago

Thanks a lot for this writeup! I've wasted hours trying to make it work but this way helped me out greatly!

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sanjosanjo • 1y ago

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```
sudo apt install tigervnc-standalone-server
```

because apt couldn't find package tigervncserver.

When I check the status it looks like this:

```
$ sudo systemctl status tigervncserver@:1.service

tigervncserver@:1.service - Remote desktop service (VNC)
     Loaded: loaded (/lib/systemd/system/tigervncserver@.service; enabled; preset: e
     Active: inactive (dead) since Sun 2023-12-31 21:36:16 CST; 1min 51s ago
   Duration: 70ms
    Process: 12803 ExecStart=/usr/libexec/tigervncsession-start :1 (code=exited, sta
   Main PID: 12810 (code=exited, status=0/SUCCESS)
        CPU: 16ms

Dec 31 21:36:16 eq systemd[1]: Starting tigervncserver@:1.service - Remote desktop s
Dec 31 21:36:16 eq tigervncsession[12810]: pam_unix(tigervnc:session): session opene
Dec 31 21:36:16 eq systemd[1]: Started tigervncserver@:1.service - Remote desktop se
Dec 31 21:36:16 eq tigervncsession[12810]: tigervncsession: tigervncserver exited wi
Dec 31 21:36:16 eq tigervncsession[12810]: pam_unix(tigervnc:session): session close
Dec 31 21:36:16 eq systemd[1]: tigervncserver@:1.service: Deactivated successfully.
```

Any thoughts on how I can find the problem from here?

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https://opensource.com/article/22/2/screen-share-linux-kde

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Codemonkey314 **OP** • 2y ago

So i installed the app. Im able to almost connect, asks for password but doesnt go through to actually
connect. I also setup unattended access but that password didnt work.

My end goals is to have this running in the background on boot so i can connect. It seems like this
requires you to open the app first.

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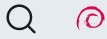3 upvotes · 9 comments

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