

Linux Terminal Server

There are several ways to create a Linux terminal server. This is only one, but it is fairly simple. It utilizes [Devuan](#), [xfce4](#) and the [TigerVNC](#) Server.

Pro's: Simple to set up for a few users. Each user has their own VNC port. With TigerVNC, VNC session automatically resizes.

Con's: Difficult to maintain for more than 5-10 users, as you must assign each user a separate VNC port.

Do a base install, with GUI

Do a standard Devuan install. When you are on the Software Selection screen, choose *Devuan desktop environment, Xfce, SSH server* and *standard system utilities*.

Set up

Install Packages

Install lightdm, xinetd and tigervnc server (may already be installed)

```
apt install lightdm xinetd tigervnc-standalone-server
```

Configure lightdm and xinetd

Edit the file **/etc/lightdm/lightdm.conf**, setting the following values to enable the XDMCP Server

```
[XDMCPServer]
enabled=true
port=177
```

Create a file **/etc/xinetd.d/vnc** with the following contents.

```
service baseline
{
    disabled      = no
    socket_type   = stream
    protocol      = tcp
    wait          = yes
    user          = nobody
    server         = /usr/bin/Xvnc
    server_args   = -inetd -once -query localhost -geometry 1024x768 -depth 16
```

```
securitytypes=none -MaxIdleTime=14400
  type          = UNLISTED
  port          = 5950
}

service user1
{
  disabled      = no
  socket_type   = stream
  protocol      = tcp
  wait          = yes
  user          = nobody
  server        = /usr/bin/Xvnc
  server_args   = -inetd -once -query localhost -geometry 1920x1080 -depth 16
securitytypes=none -MaxIdleTime=14400
  type          = UNLISTED
  port          = 5951
}
```

Restart

service xinetd restart

or

just reboot the whole machine. Less time and you won't miss anything.

Test

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