

Installing and configuring VNC -

First update the system with

```
$ sudo apt update  
$ sudo apt upgrade
```

Then install the xfce goodies

```
$ sudo apt install vnc4server xfce xfc-goodies
```

Set password for vncserver (8 characters max)

```
$ vncpasswd
```

Create ~/.vnc/xstartup file so we can start the server

```
$ mkdir ~/.vnc  
$ nano ~/.vnc/xstartup
```

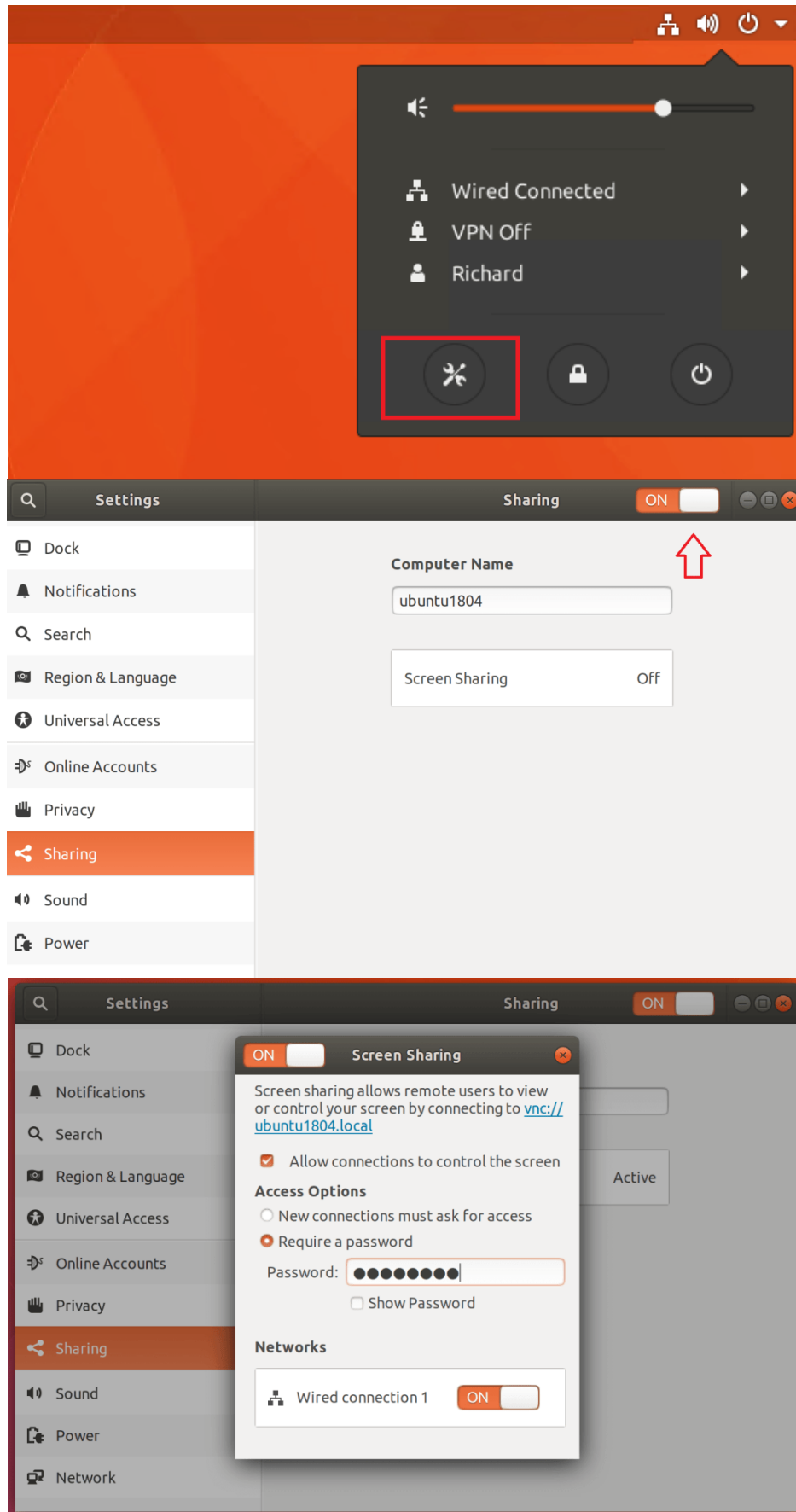
Insert following lines into file

```
#!/bin/bash  
#xrdb ~/.xresources  
  
def  
export XKL_XMODMAP_DISABLE=1  
unset SESSION_MANAGER  
unset DBUS_SESSION_BUS_ADDRESS  
  
startxfce &
```

Make the ~/.vnc/xstartup file executable

```
$ chmod +x ~/.vnc/xstartup
```

Enable Screen Sharing -



Making VNC run on startup -

Create a new file `/etc/systemd/system/vncserver@.service` using nano:

```
$ sudo nano /etc/systemd/system/vncserver@.service
```

Insert the following lines while replacing the linuxconfig ZZZZZ username with username of your VNC user on Line 7 and Line 10:

```
[Unit]
Description=Systemd VNC server startup script for Ubuntu 18.04
After=syslog.target network.target

[Service]
Type=forking
User= ZZZZZ
ExecStartPre=/usr/bin/vncserver -kill :%i &> /dev/null
ExecStart=/usr/bin/vncserver -depth 24 -geometry 1440x900 :%i
PIDFile=/home/ZZZZZ/.vnc/%H:%i.pid
ExecStop=/usr/bin/vncserver -kill :%i

[Install]
WantedBy=multi-user.target
```

Reload the Systemd:

```
$ sudo systemctl daemon-reload
```

Make the script run on reboot:

```
$ sudo systemctl enable vncserver@1
```

To start VNC desktop, enter:

```
$ sudo service vncserver@1 start
```

To stop VNC desktop, enter:

```
$ sudo service vncserver@1 stop
```

Sites used -

<https://linuxconfig.org/vnc-server-on-ubuntu-18-04-bionic-beaver-linux>