Secure Shell Virtual Network Computing

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Minimal Requirements

- IPv4 Networking
- SSH-2 Client
- VNC Client
- 2 PCs

Recommended Requirements

- IPv4 Networking
- OpenSSH 6.7p1 or later or PuTTY 0.69 or later
- Remmina 1.1.0 or newer or 1.2.1.2 or newer
- Laptop Running
  - Debian 8 or newer or Ubuntu 16.04 or newer
  - Windows 7 or newer
- Raspberry Pi B series
  - Class provided image on SD Card

Get Software

- Windows
  - http://www.uvnc.com/downloads.html
  - http://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html
- Debian & Ubuntu
  - `sudo aptitude update`
  - `sudo aptitude install ssh remmina`

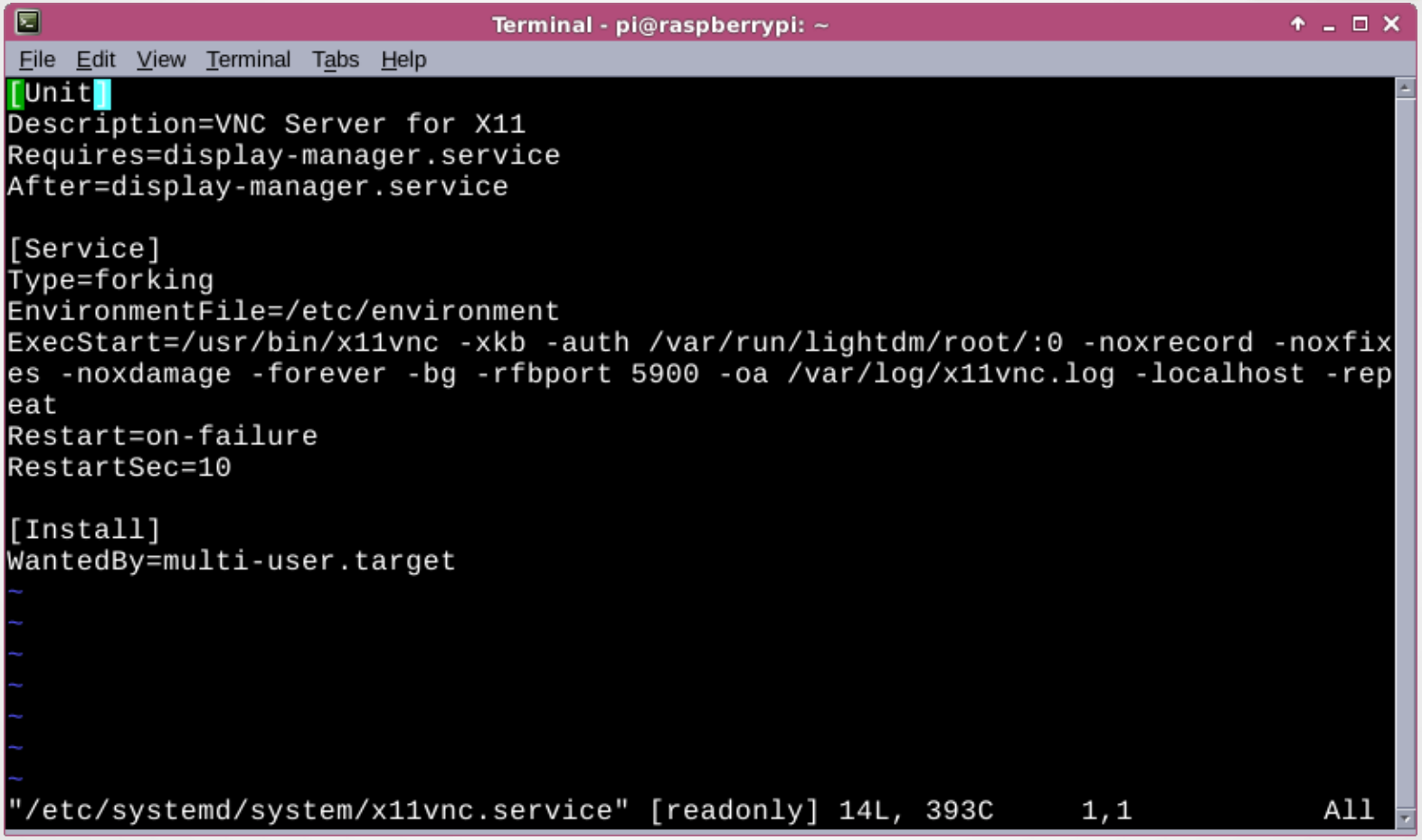
Move the Unit file to the Pi

```
cd sshvnc_ws/src/ansible/template/
scp x11vnc.service pi@$PINAME:
```

Connect to Pi

```
ssh -t -L 5901:localhost:5900 pi@$PINAME
```

vim x11vnc.service



Get Systemd to load file

sudo mv x11vnc.service /etc/systemd/system

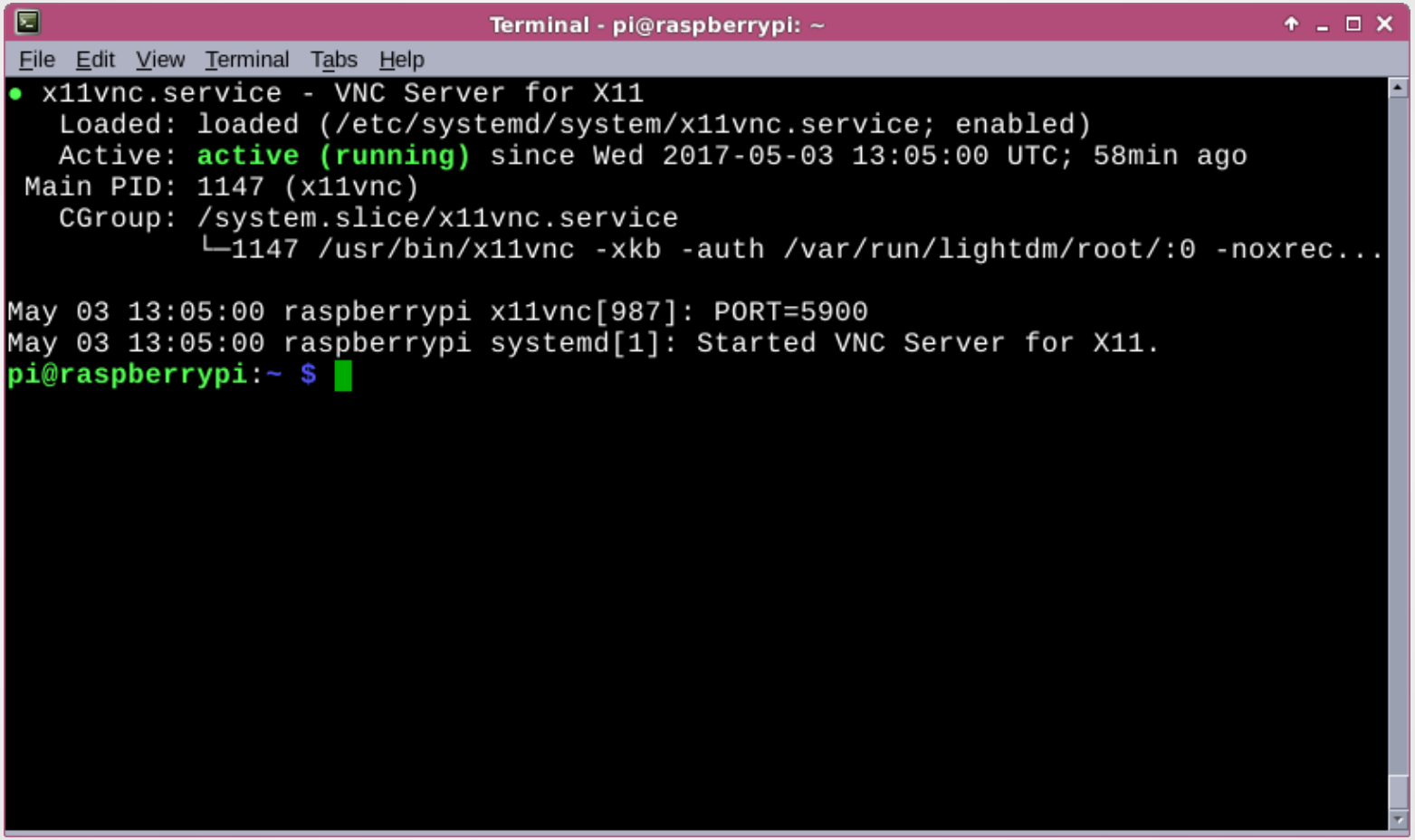
sudo systemctl daemon-reload

systemctl enable x11vnc

systemctl start x11vnc

systemctl status x11vnc

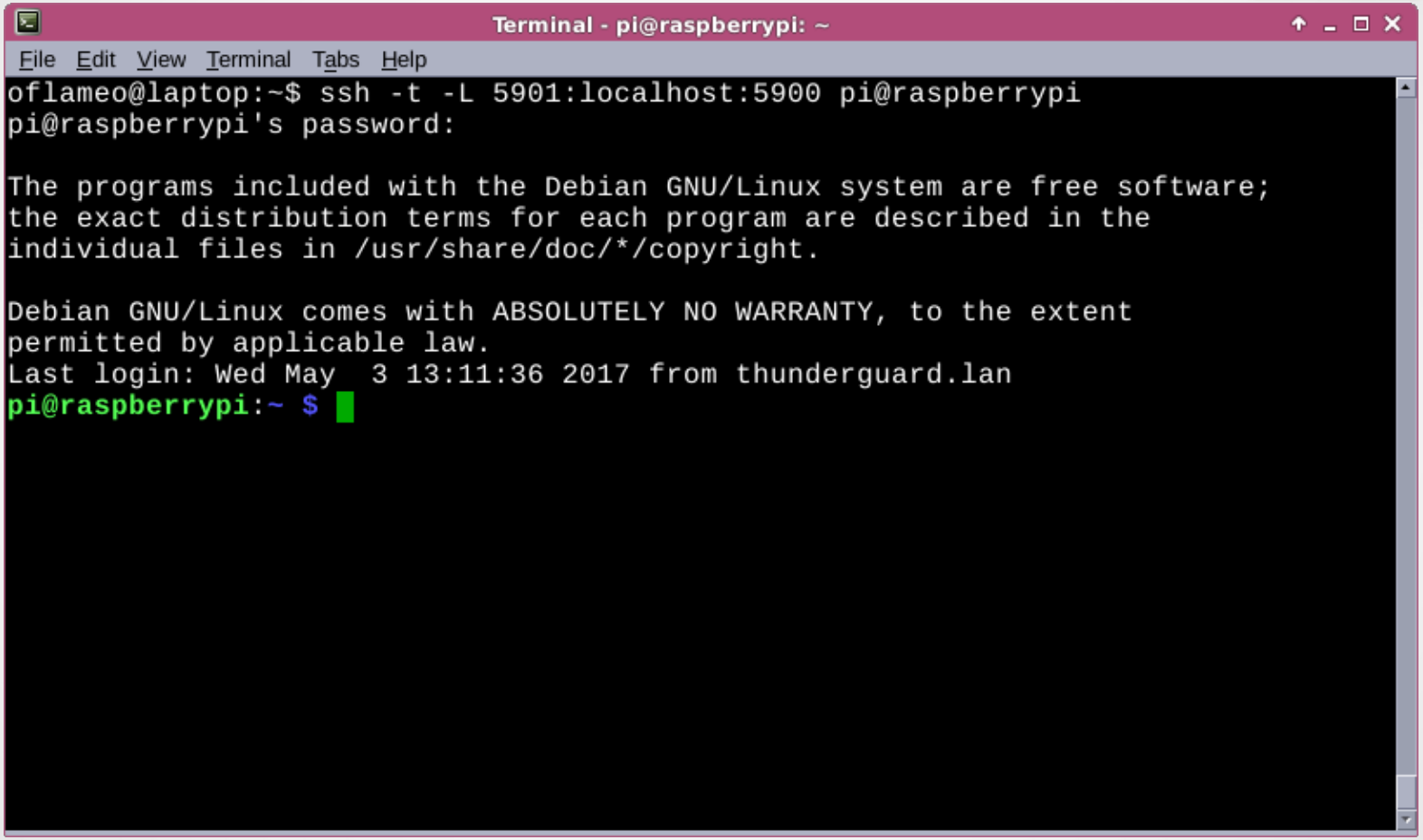
Status should show running



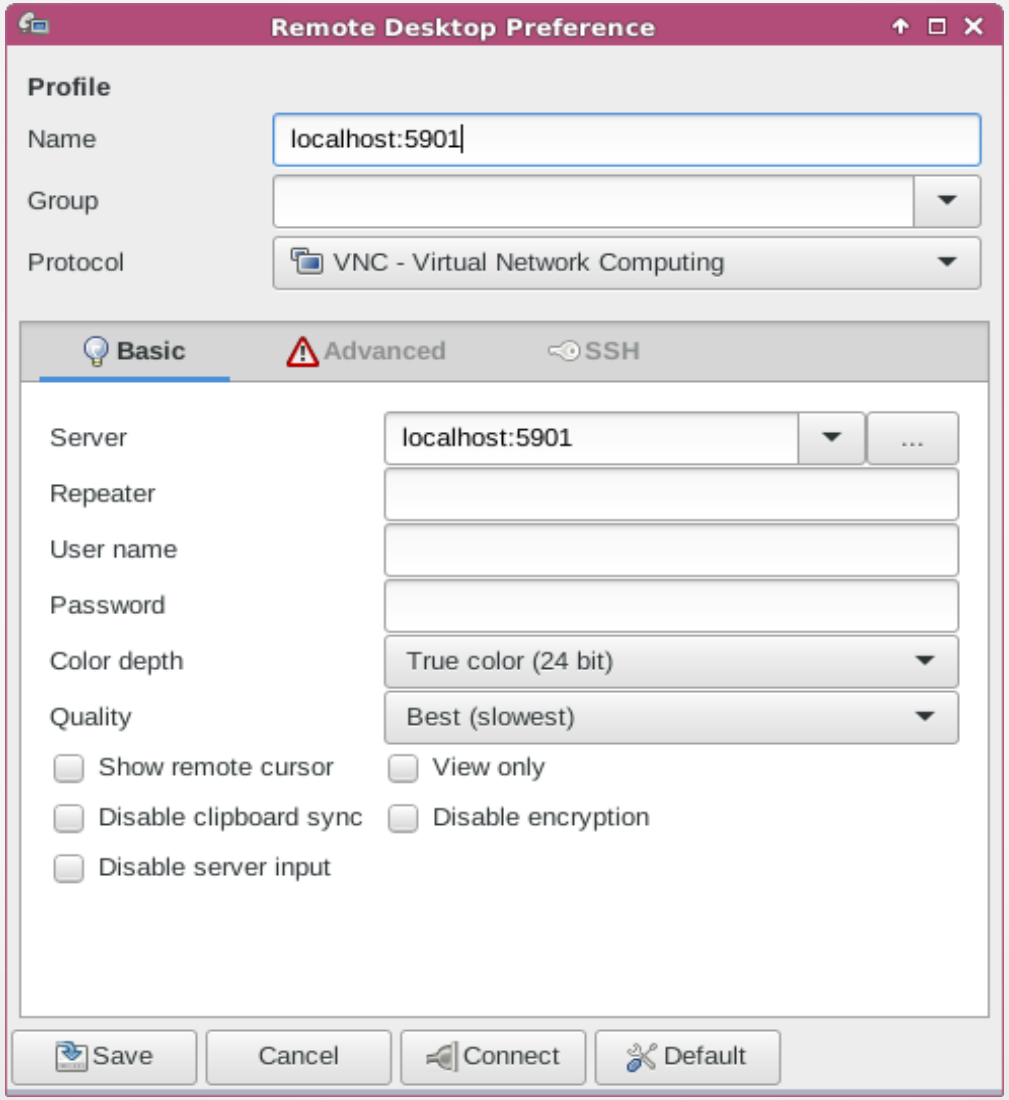
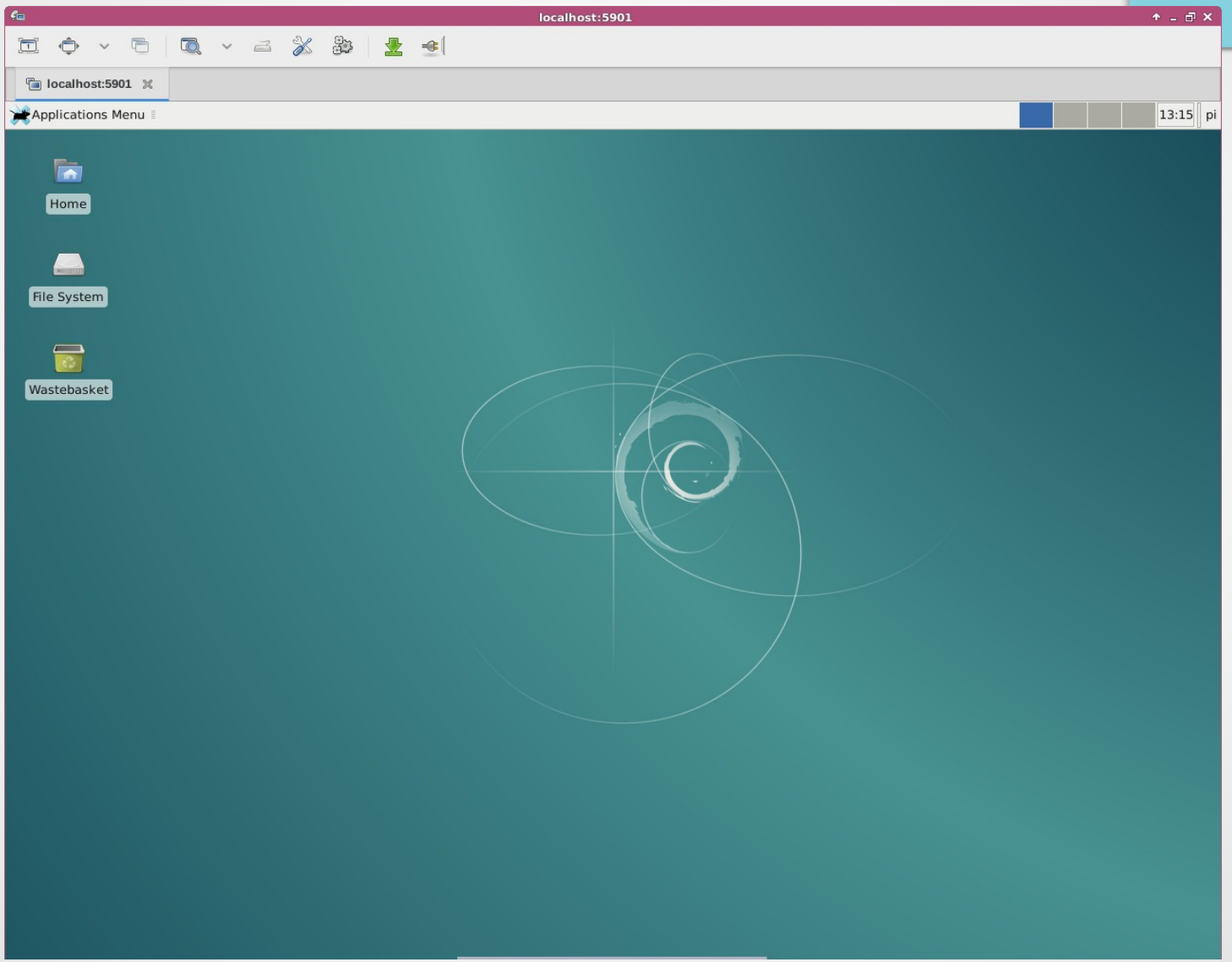
Disconnect from Pi

exit

Connect to Pi Again



Configure new VNC connection



Connect to VNC