

# InstallX11VncOnLtspsClients

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This is the quick HowTo to get x11vnc running on thin clients so you can connect to them using a vncviewer or the thin client manager app. note that this doc doesnt take security into account, if you want a safe solution enable a password for x11vnc

Before installing in the ltsps environment, make sure that apt-get sources in ltsps are consistent with the base install:

```
sudo cp /etc/apt/sources.list /opt/ltsps/i386/etc/apt/sources.list
```

Now, chroot into the ltsps client environment on the server.

```
sudo chroot /opt/ltsps/i386
```

Update the repositories that the ltsps environment uses for apt-get:

```
apt-get update
```

Install the x11vnc package (it's in the universe repository, possibly you must add it in /etc/apt/sources.list; in this case don't forget to apt-get update):

```
apt-get install x11vnc
```

Now edit the rc.local file to add x11vnc to the system startup (note: make sure this is all being done in the chroot environment and not the root of the server)

```
vi /etc/rc.local
```

You can use also nano for that, but first you have to install it on the chroot environment.

```
apt-get install nano
```

```
nano /etc/rc.local
```

Add the following line before the exit 0 statement in this file and save it:

```
x11vnc -display :6 -forever -loop -shared &
```

Now lets make sure rc.local gets actually executed:

```
cd /etc/rc2.d  
mv K99rc.local S99rc.local
```

Exit the chroot environment:

```
exit
```

Ubuntu/Edubuntu 7.10 and onwards - Make sure that the ltsp image gets updated:

```
sudo ltsp-update-image
```

If you are using an i386 image on an AMD64 build the command is:

```
sudo ltsp-update-image --arch i386
```

Reboot your thin clients and you should be able to connect to them via vnc now.

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