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How to Tunnel X Windows Securely over SSH

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Q. How do I tunnel X Windows Securely over SSH? I'd like to run X program on my remote Linux server and get back display to Laptop computer connected by high speed internet?

A. A tunneling protocol [2] is a network protocol which encapsulates a payload protocol, acting as a payload protocol. Reasons to tunnel include carrying a payload over an incompatible delivery network, or to provide a secure path through an untrusted network.

SSH is frequently used to tunnel insecure traffic over the Internet in a secure way. Simply type the following command:

[1]

```
$ ssh -X user@server.corp.com
$ ssh -X user@202.54.1.2
```

You can requests compression of all data to improve up user experience (good for a low speed link such as wan link) using -c option:

```
$ ssh -c -X user@202.54.1.2
```

Once logged in type any X windows program name such as:

```
$ xeys &
$ oowriter &
```

To start kde type:

```
$ startkde &
```

To start default desktop type:

```
$ startx
```

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URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/faq/category/gnome/**
[2] tunneling protocol: **http://en.wikipedia.org/wiki/Tunneling_protocol**