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Linux X11 Connection Rejected Because of Wrong Authentication Error and Solution

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Q. I'm trying to login to my remote Ubuntu Linux server from Mac OS X desktop using following command:

```
ssh -X user@vpn.officeserver.example.com xeyes
```

But I'm getting an error that read as follows:

```
X11 connection rejected because of wrong authentication.
```

How do I fix this error?

A. This error can be caused by various factors. Try following solutions:

Make sure you are not running out of disk space

Run `df` and make sure you have sufficient disk space:

```
$ df -H
```

If you are low on disk space remove unnecessary files from your system.

Make sure ~/.Xauthority owned by you

Run following command to find ownweship:

```
$ ls -l ~/.Xauthority
```

Run `chown` and `chmod` to fix permission problems

```
$ chown user:group ~/.Xauthority
$ chmod 0600 ~/.Xauthority
```

Replace `user:group` with your actual username and groupname.

Make sure X11 SSHD Forwarding Enabled

Make sure following line exists in `sshd_config` file:

```
$ grep X11Forwarding /etc/ssh/sshd_config
```

Sample output:

```
X11Forwarding yes
```

If X11 disabled add following line to `sshd_cofing` and restart ssh server:

```
X11Forwarding yes
```

Make sure X11 client forwarding enabled

Make sure your local `ssh_config` has following lines:

```
Host *
ForwardX11 yes
```

Finally, login to remote server and run X11 as follows from your Mac OS X or Linux desktop system:

```
ssh -X user@remote.box.example.com xeyes
```

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