

Ubuntu Server 13.10 with X ssh forwarding on AWS EC2

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1. Launch a new instance in AWS EC2 with Ubuntu Server 13.10 image
2. After creating the instance you need to connect to the instance with clicking on it and click on the button "*Connect*"
3. In your favorite terminal you can connect the machine like this:

```
ssh -X -i ubuntu-server1310.pem ubuntu@54.194.16.18
```

 - -X enables X-forwarding
4. When you're connected run a system update:
 - `sudo apt-get update`
 - `sudo apt-get dist-upgrade`
 - `sudo apt-get upgrade`
 - `sudo reboot`
5. After your system is up-to-date you can install a Desktop Environment (DE) e.g. XFCE4
 - `sudo apt-get install xfce4`
 - `sudo reboot`
6. Additionally we install two GUI application:
 - `sudo apt-get install firefox gedit`
7. Now it's necessary to reconfigure the X server to allow X-forwarding
 - `sudo dpkg-reconfigure x11-common`
 - Choose *Anybody* and press <Ok>
 - `sudo reboot`

8. After X is reconfigured you can just type `gedit` or `firefox` in the terminal and the application window is opening on your local system.

Hint: *When you're using PuTTY you have explicitly to enable X11 Forwarding in the PuTTY-Options.*

