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## **LetsUpgrade AWS Essentials Project 2**

### **Creating a virtual web server – Ubuntu 18.04 LTS**

**My Public ip address - [13.127.194.31](https://www.whoishostingthis.com/ip-address/13.127.194.31)**

#### **Step 1 –**

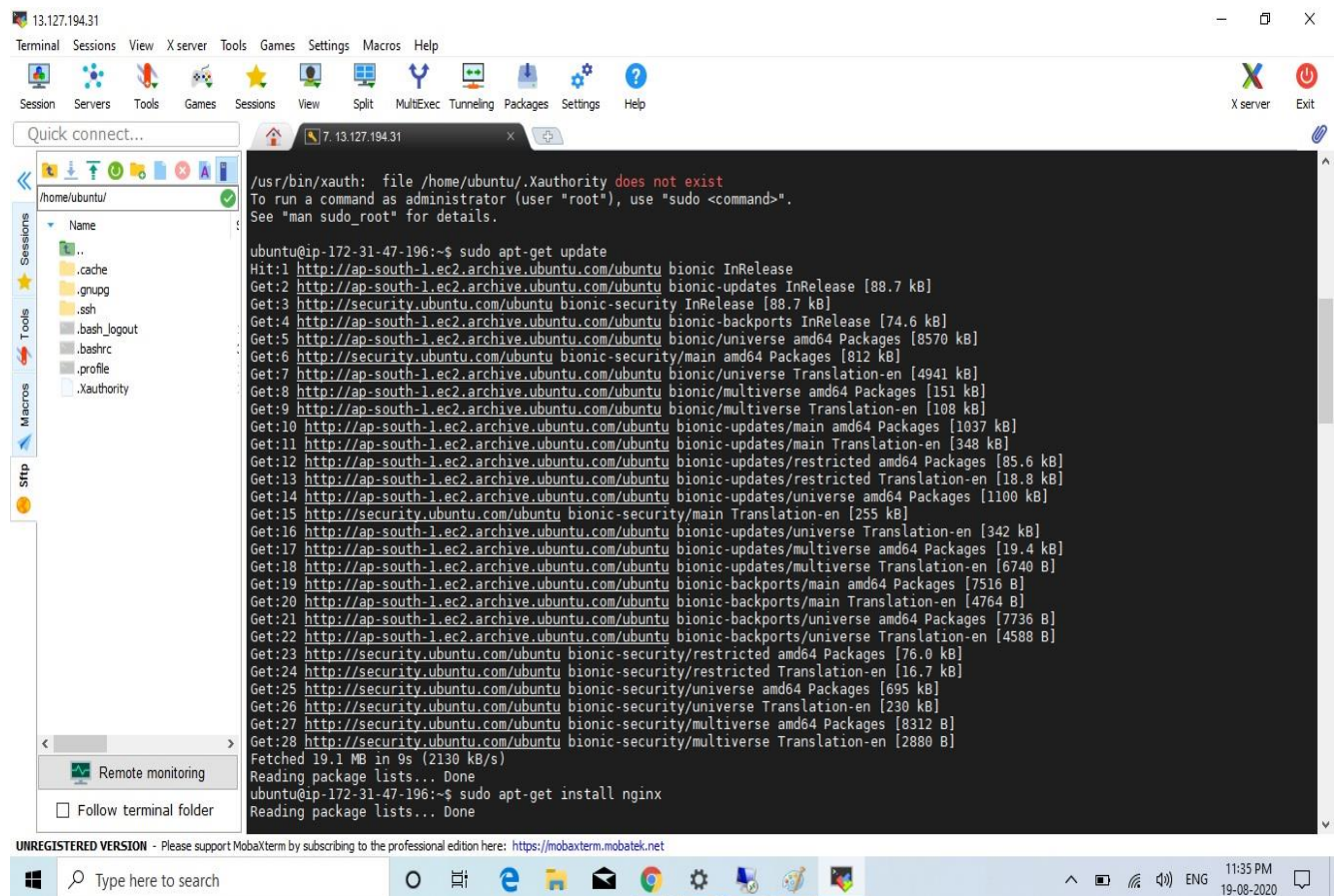
I created an Ubuntu instance with above public ip.

#### **Step 2 -**

Then I installed MobaXterm and ran the instance over there.

#### **Step 3 -**

Then I updated the server and installed nginx.



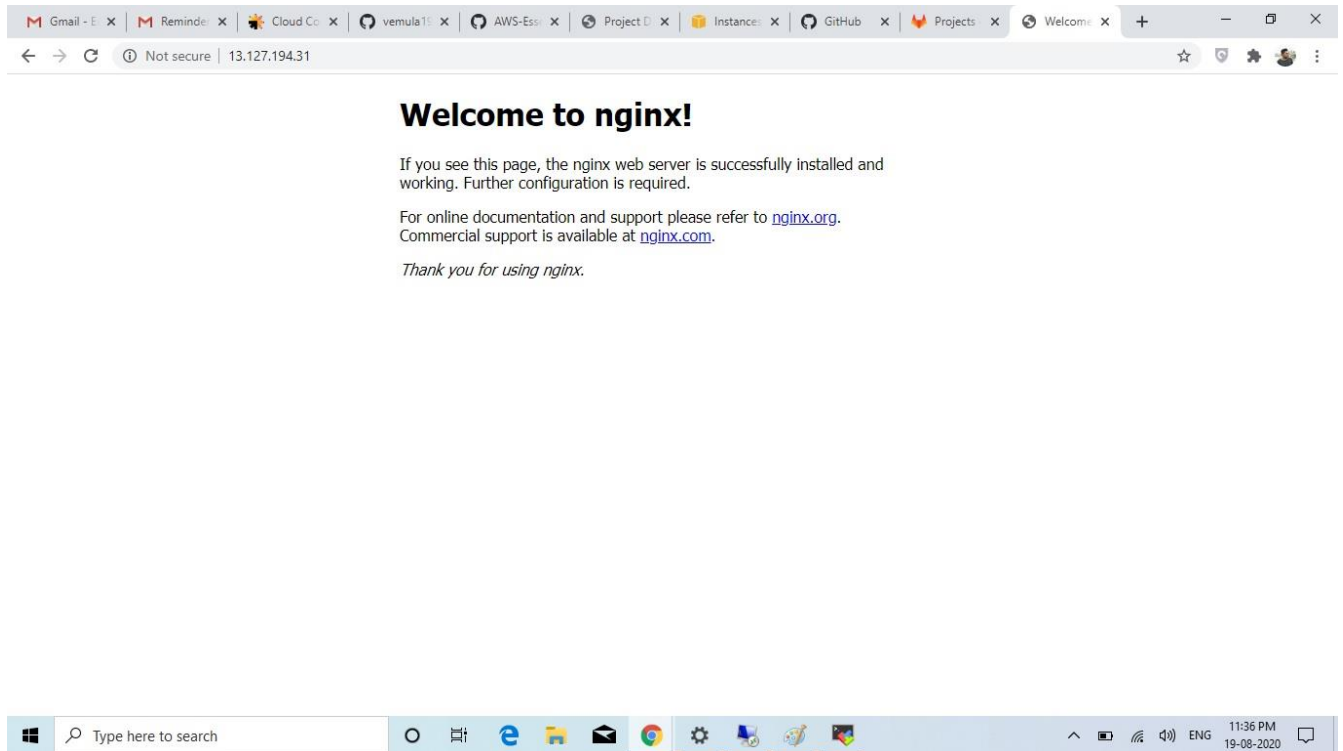
The screenshot shows a MobaXterm window with a terminal session on an Ubuntu 18.04 LTS instance. The terminal output shows the following commands and results:

```
ubuntu@ip-172-31-47-196:~$ sudo apt-get update
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Get:3 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 Packages [8570 kB]
Get:6 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [812 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/universe Translation-en [4941 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/multiverse amd64 Packages [151 kB]
Get:9 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic/multiverse Translation-en [108 kB]
Get:10 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages [1037 kB]
Get:11 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main Translation-en [348 kB]
Get:12 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/restricted amd64 Packages [85.6 kB]
Get:13 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/restricted Translation-en [18.8 kB]
Get:14 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 Packages [1100 kB]
Get:15 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [255 kB]
Get:16 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe Translation-en [342 kB]
Get:17 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 Packages [19.4 kB]
Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse Translation-en [6740 B]
Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/main amd64 Packages [7516 B]
Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/main Translation-en [4764 B]
Get:21 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 Packages [7736 B]
Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe Translation-en [4588 B]
Get:23 http://security.ubuntu.com/ubuntu bionic-security/restricted amd64 Packages [76.0 kB]
Get:24 http://security.ubuntu.com/ubuntu bionic-security/restricted Translation-en [16.7 kB]
Get:25 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages [695 kB]
Get:26 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en [220 kB]
Get:27 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packages [8312 B]
Get:28 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-en [2880 B]
Fetched 19.1 MB in 9s (2130 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-47-196:~$ sudo apt-get install nginx
Reading package lists... Done
```

The terminal window also shows a message about the Xauthority file not existing and a warning about the unregistered version of MobaXterm.

## Step 4 –

After finishing up the installation, I verified by writing the public IP of the instance.



And it worked.

**Thank You !!**