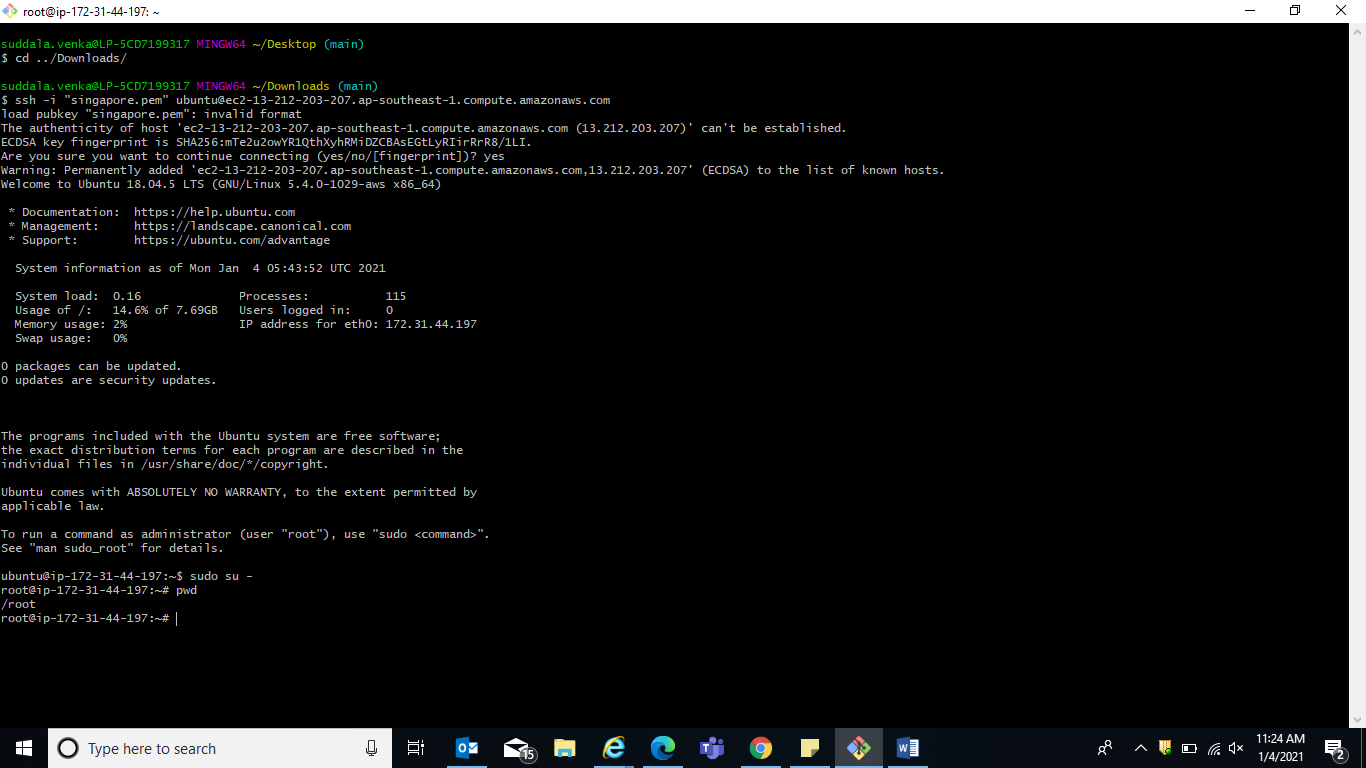
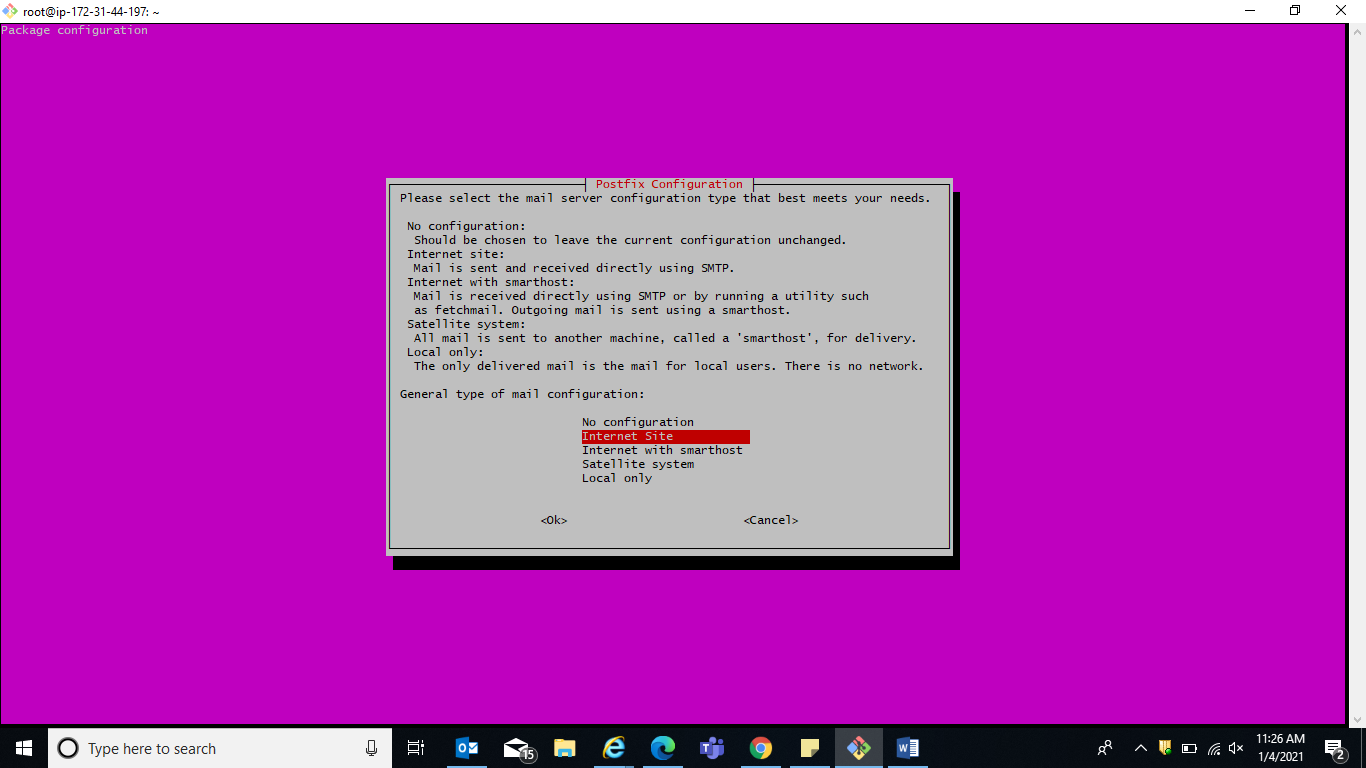
**How To Install and Configure GitLab on Ubuntu 18.04**



## Step 1 — Installing the Dependencies

apt update

apt install ca-certificates curl openssh-server postfix



## Step 2 — Installing GitLab

# Move into the /tmp directory and then download the installation script:

cd /tmp

curl -LO <https://packages.gitlab.com/install/repositories/gitlab/gitlab-ce/script.deb.sh>

less /tmp/script.deb.sh

bash /tmp/script.deb.sh

apt install gitlab-ce

## Step 3 — Adjusting the Firewall Rules

# View the current status of your active firewall by typing:

ufw status

# The protocol to port mapping for HTTP and HTTPS are available in the /etc/services file, so #we can allow that traffic in by name. If you didn’t already have OpenSSH traffic enabled, you #should allow that traffic now too:

ufw enable

ufw allow http

ufw allow https

ufw allow OpenSSH

# Check the ufw status again; you should see access configured to at least these two services:

ufw status

root@ip-172-31-44-197:~# ufw status

Status: active

To Action From

-- ------ ----

80/tcp ALLOW Anywhere

443/tcp ALLOW Anywhere

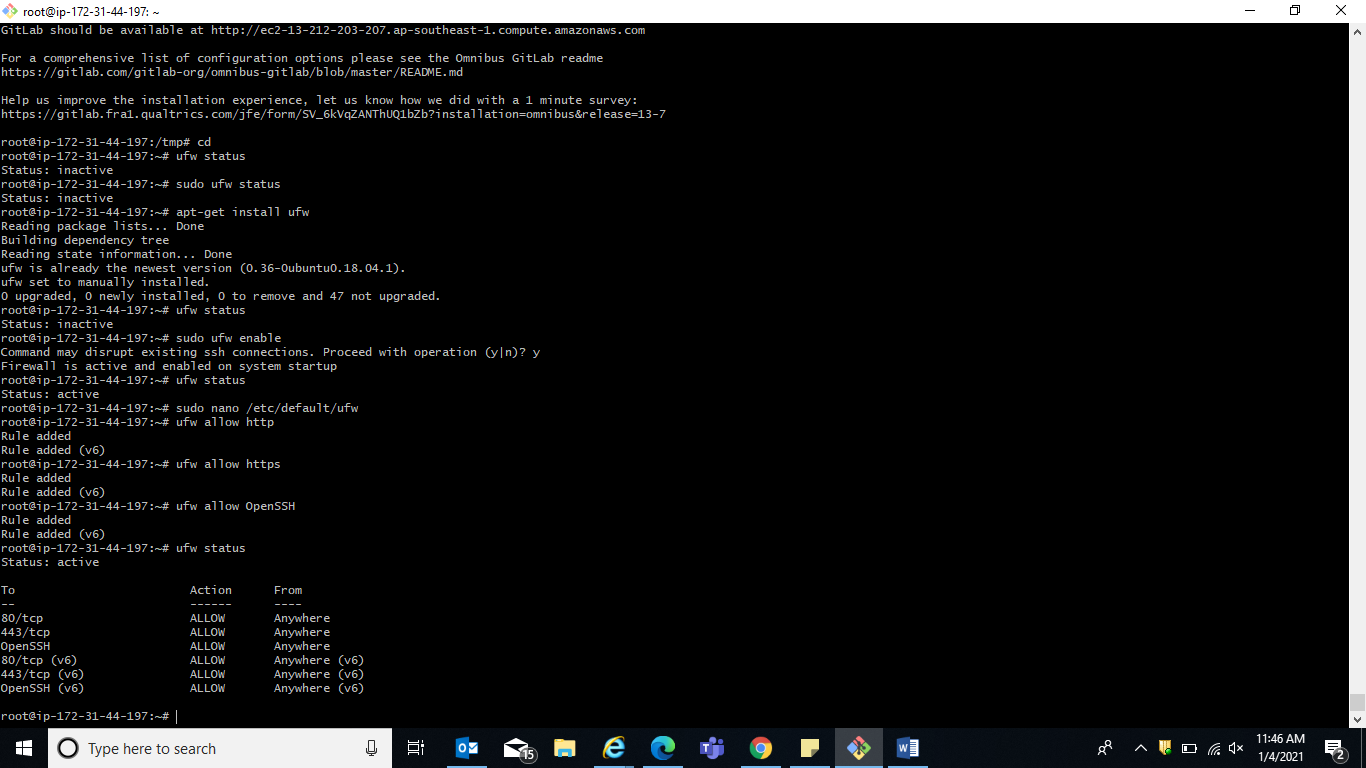
OpenSSH ALLOW Anywhere

80/tcp (v6) ALLOW Anywhere (v6)

443/tcp (v6) ALLOW Anywhere (v6)

OpenSSH (v6) ALLOW Anywhere (v6)

root@ip-172-31-44-197:~#



## Step 4 — Editing the GitLab Configuration File

# you need to update the configuration file and run a reconfiguration command. First, open Gitlab’s configuration file

Vi /etc/gitlab/gitlab.rb

#don’t modify anything. If you know your domain then you can provide external\_url #EX: external\_url 'http://ec2-13-212-203-207.ap-southeast-1.compute.amazonaws.com'

gitlab-ctl reconfigure

gitlab-ctl start

username:root

password:admin@123

