Deploying a web server in Windows instance using AMI : Ubuntu Server 18.04 LTS (HVM)

AWS(AMAZON WEB SERVICES)

This step-by-step guide, EC2 configuration will help you understand the Deploying a web server in Windows instance using AMI : Ubuntu Server 18.04 LTS (HVM) in AWS, You will first activate your AWS account, then setup your EC2 environment where your instance will be launched into.

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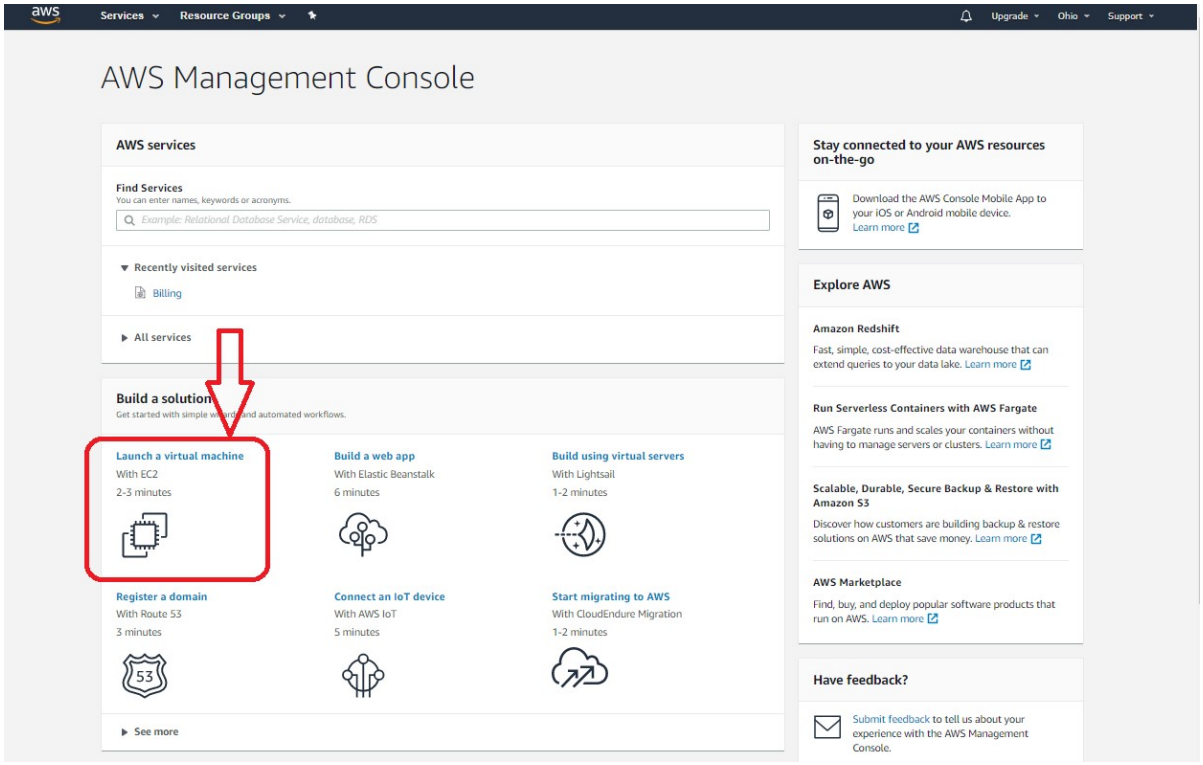
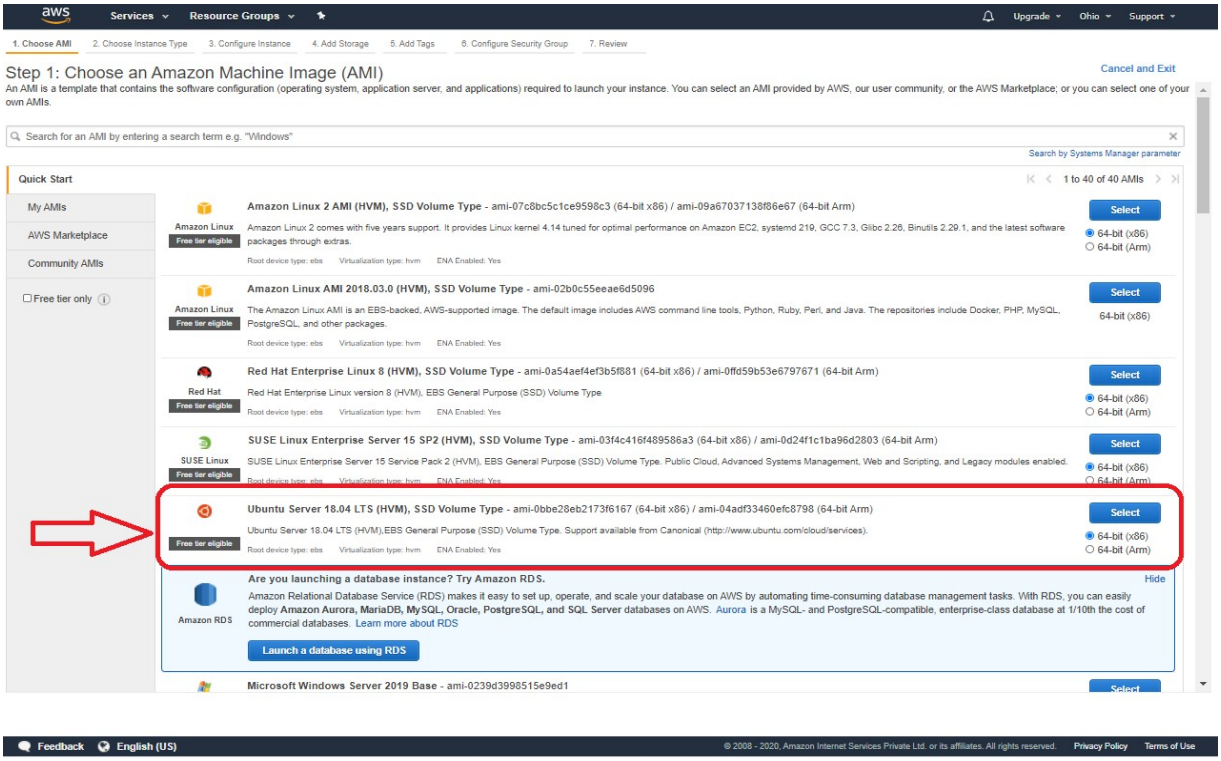
8/20/2020

STEP BY STEP Follow

- Activate AWS account & login
- Goto Console



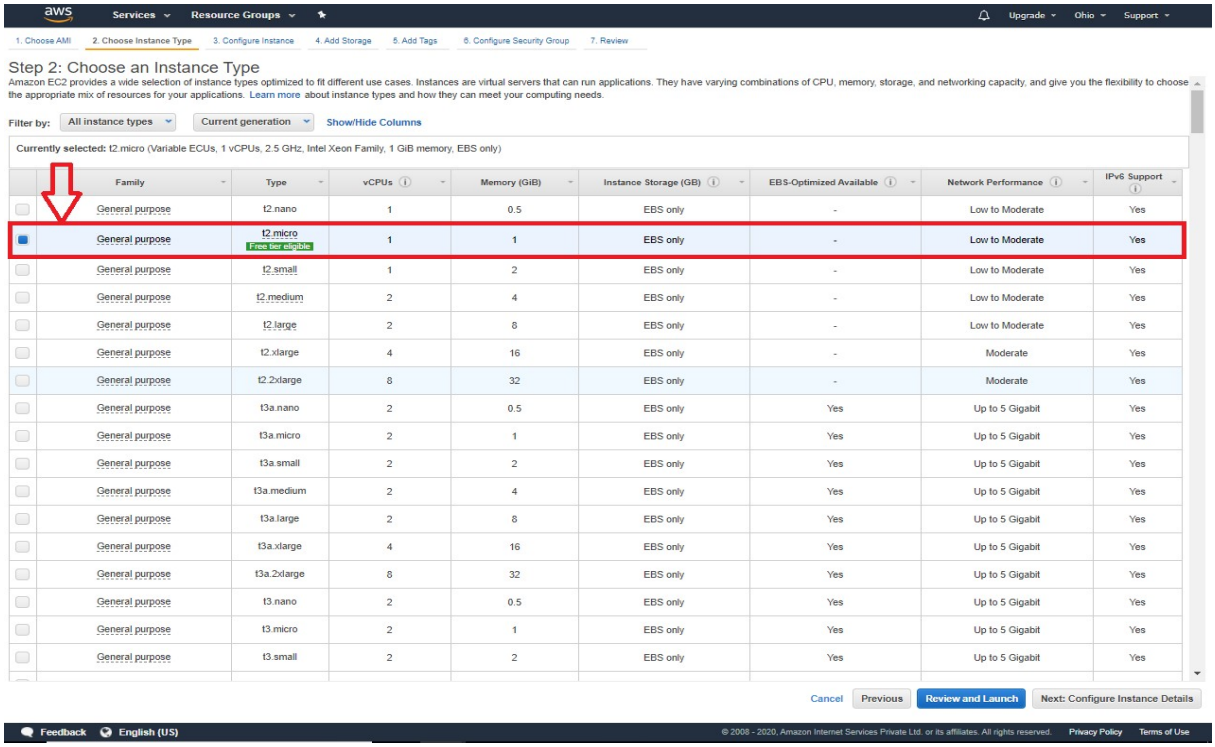
Click on EC2 (Elastic Compute Cloud)



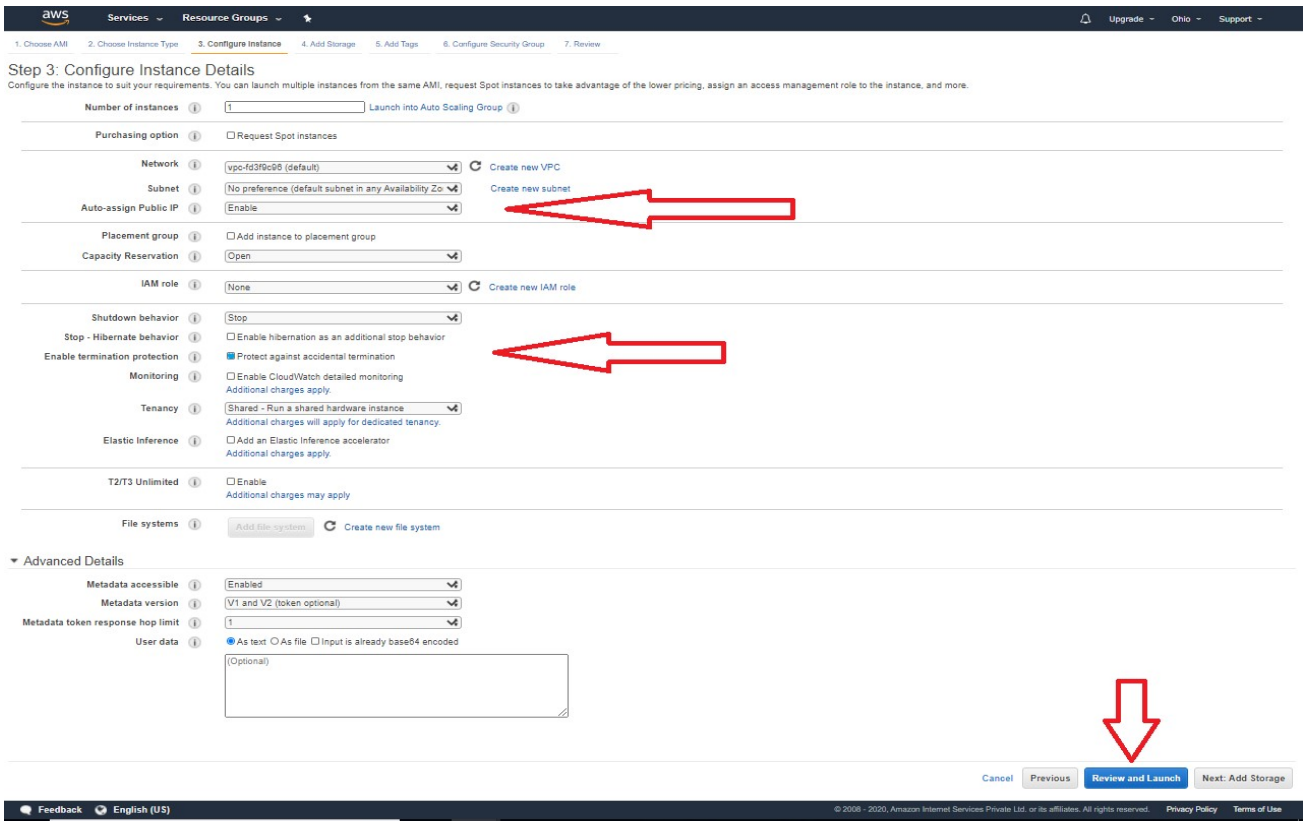
Choose an AMI (Amazon Machine Image)

As per assignment Deploying a web server in Windows instance USING AMI Ubuntu Server 18.04 LTS (HVM)

Choose AMI - **Ubuntu Server 18.04 LTS (HVM)**

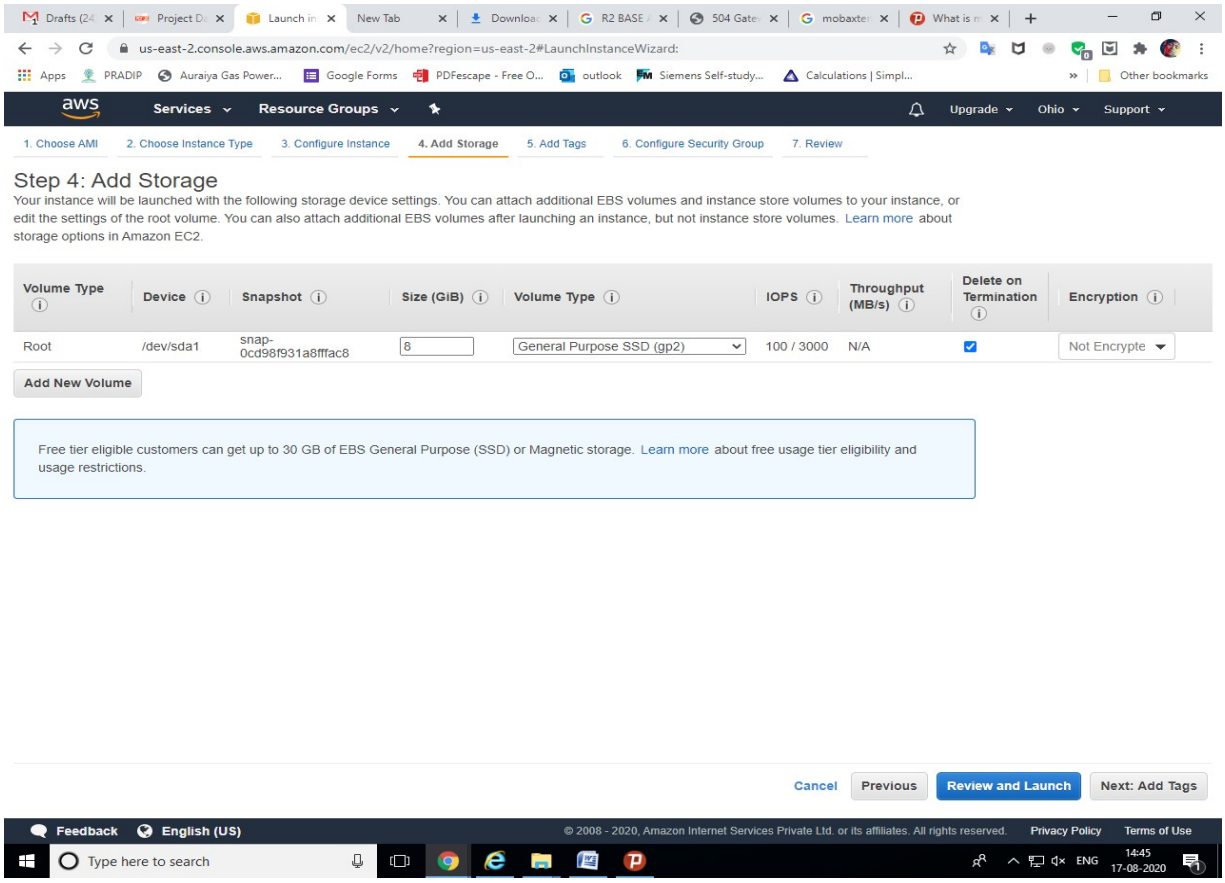


- Choose **instance** type - General purpose 12 Micro (which available for only free tier)

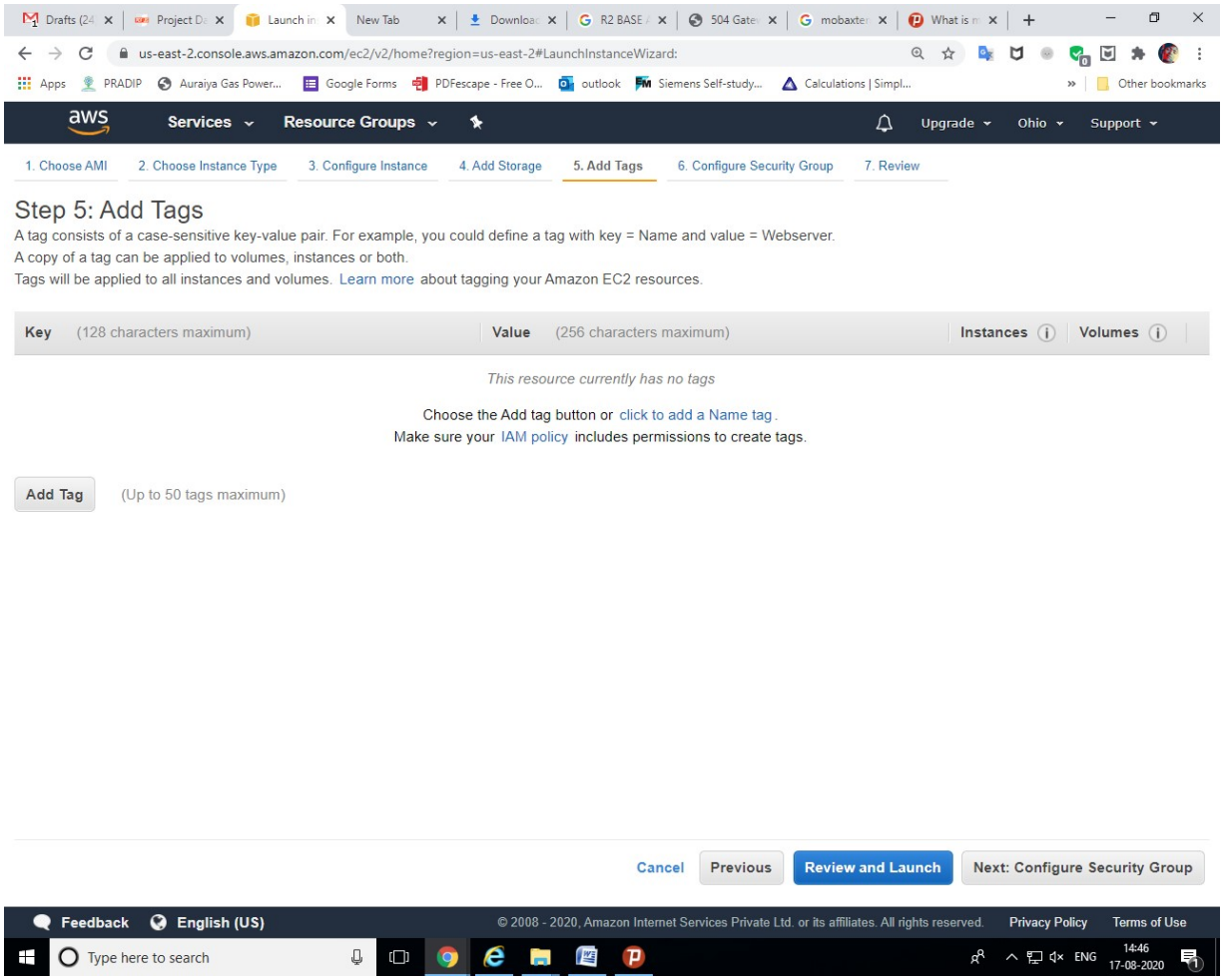


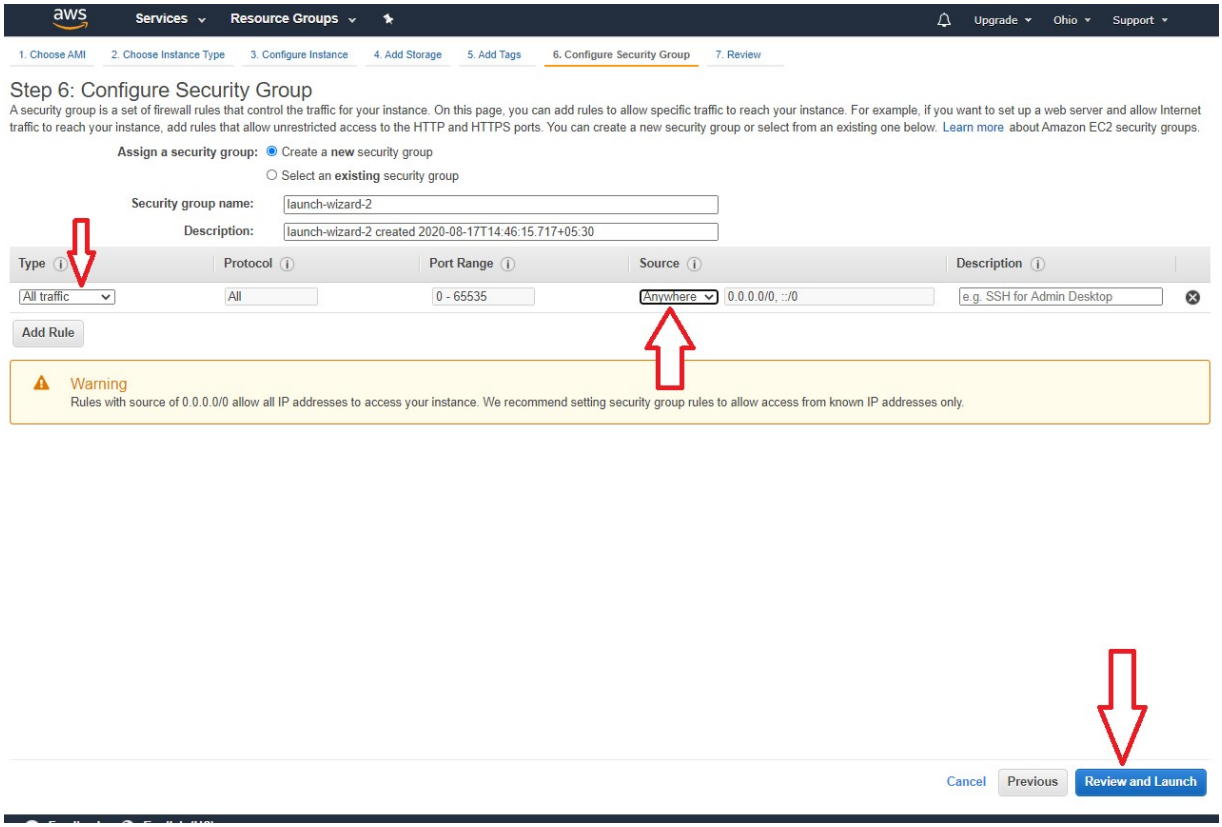
Configure instance Details

- ✓ INSTANCE TYPE - 1(As Per Requirement)
- ✓ Auto Assign Public IP- Enable
- ✓ Protect Against Accidental Termination (For protection against Data deletion / server)



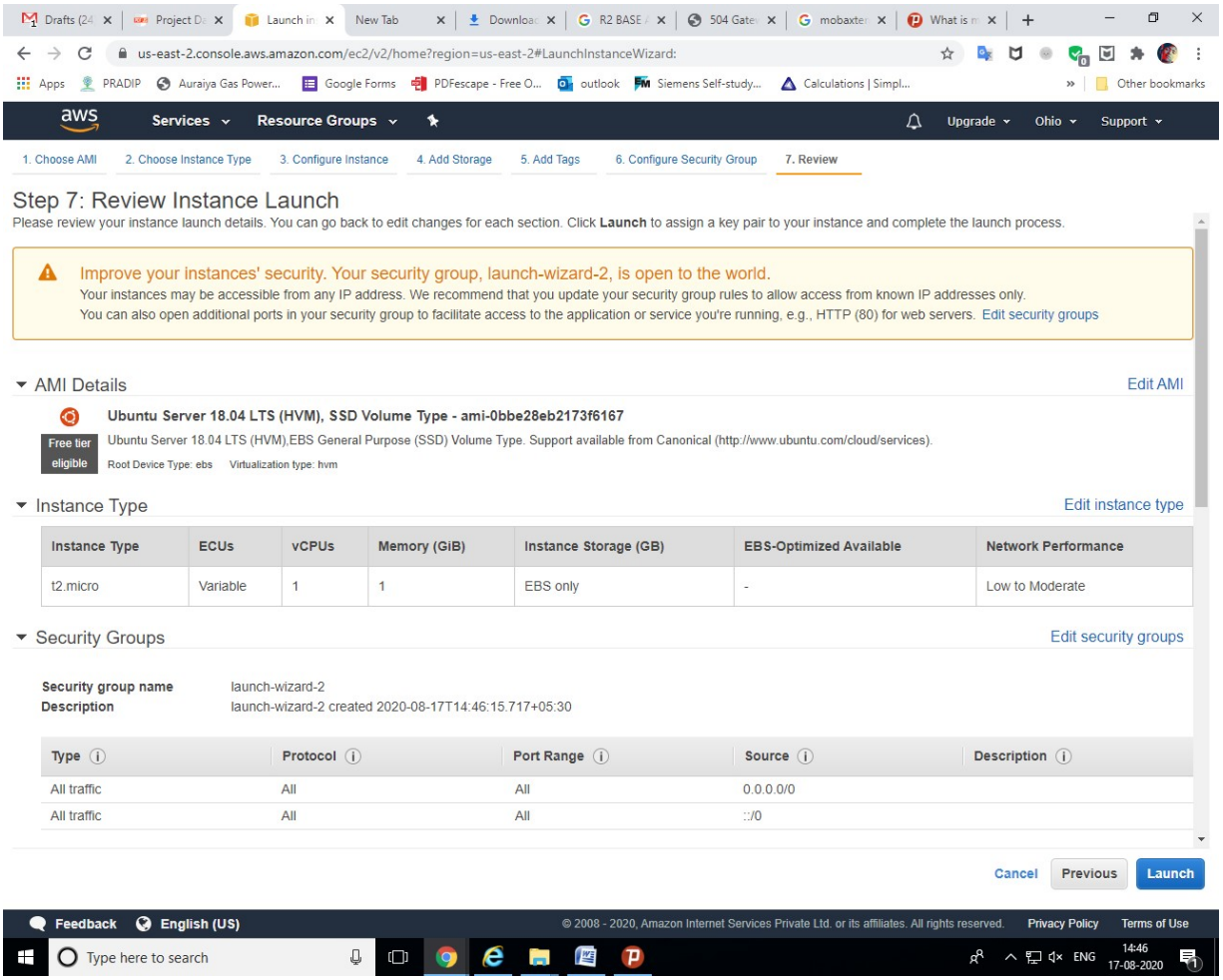
Add storage – As per requirement (Free tier no need to be changed)


us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:
Services
Resource Groups
Upgrade
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (128 characters maximum)
Value (256 characters maximum)
Instances
Volumes
This resource currently has no tags
Choose the Add tag button or click to add a Name tag.
Make sure your IAM policy includes permissions to create tags.
Add Tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group
Feedback
English (US)
© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
Type here to search
ENG
14:46
17-08-2020

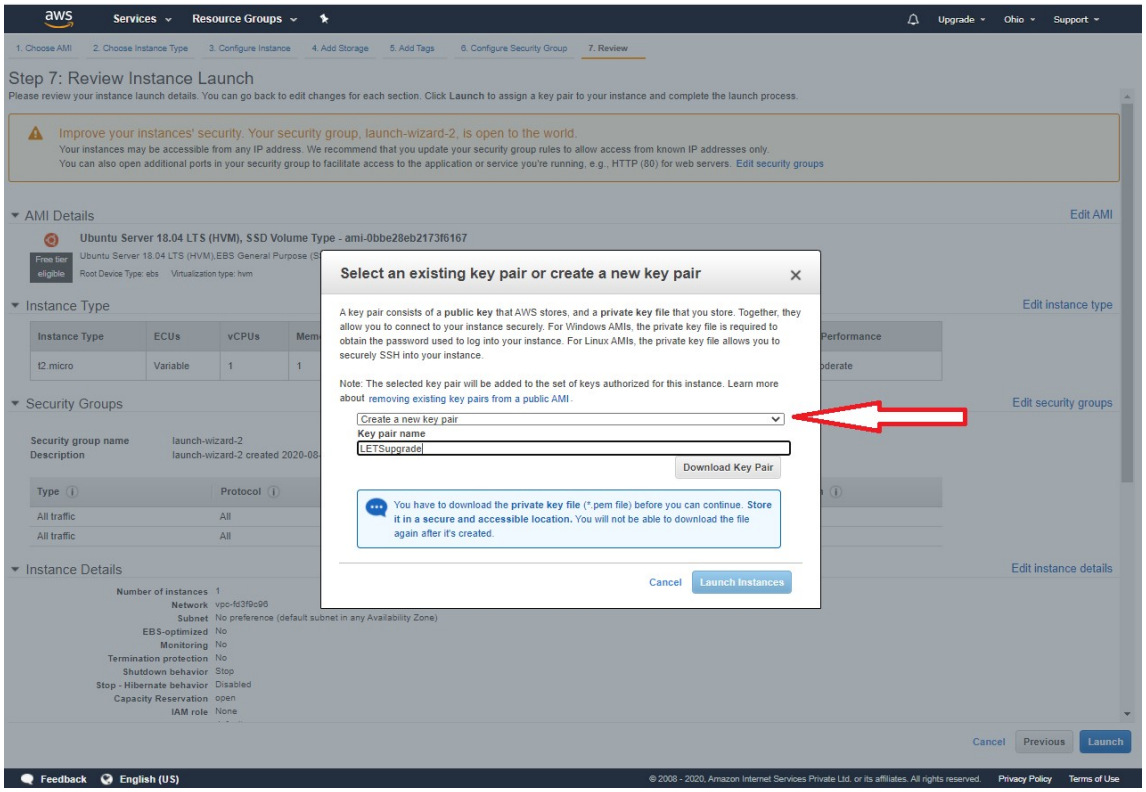


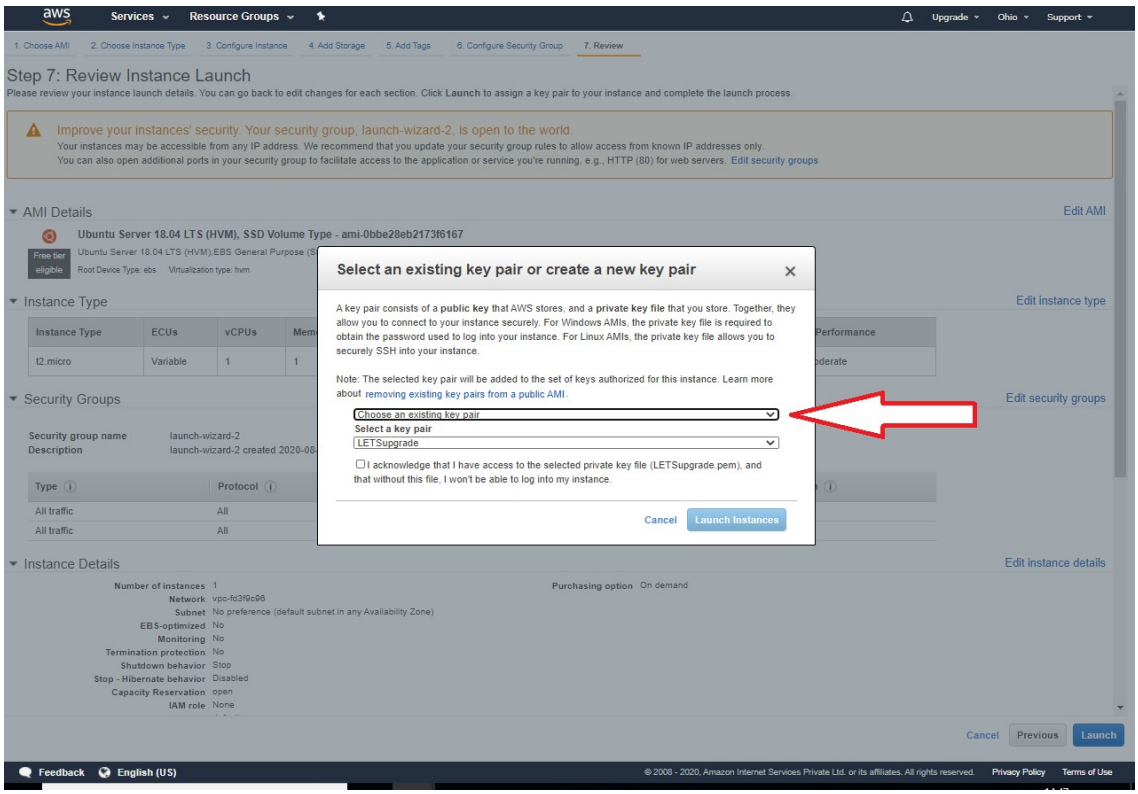
Configure security groups

- ✓ Traffic Type - All type traffic
- ✓ Source –anywhere (as per requirement)

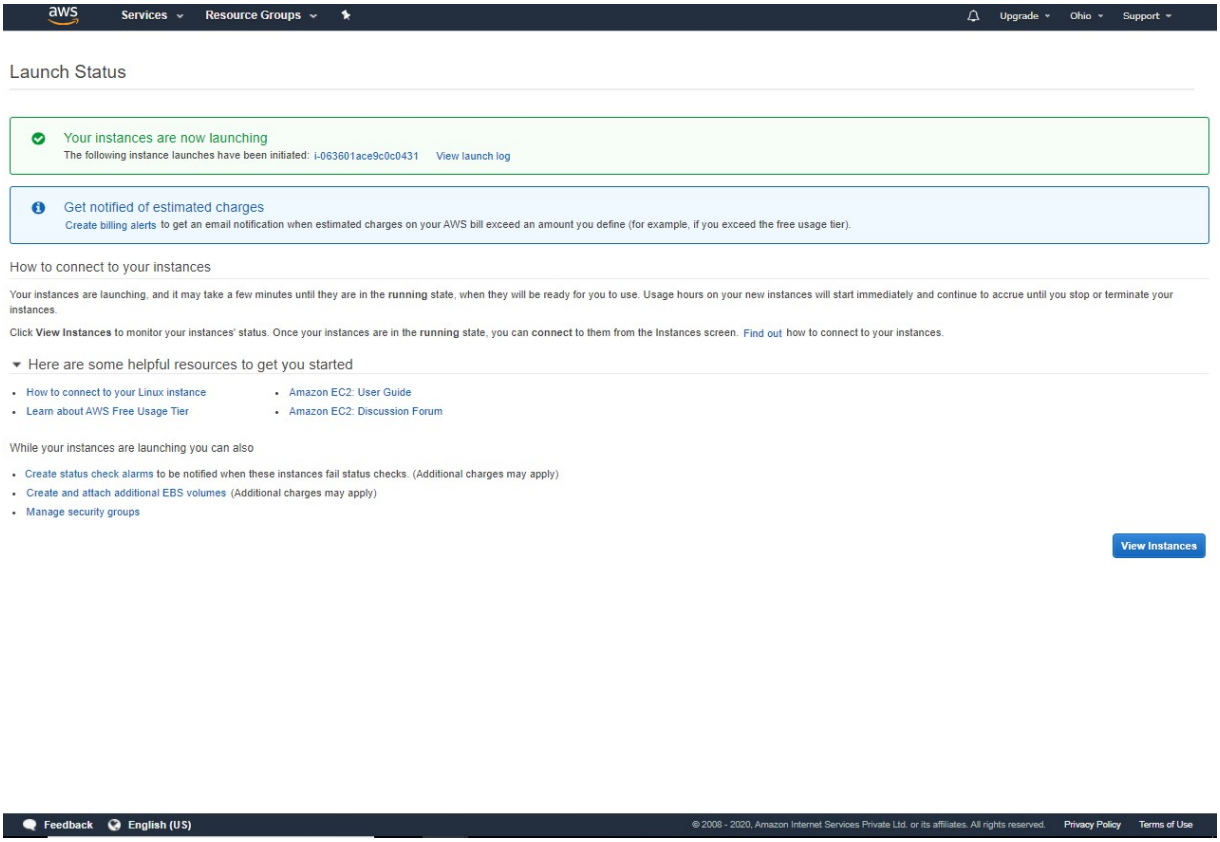


✓ Review and **instance** final launch.



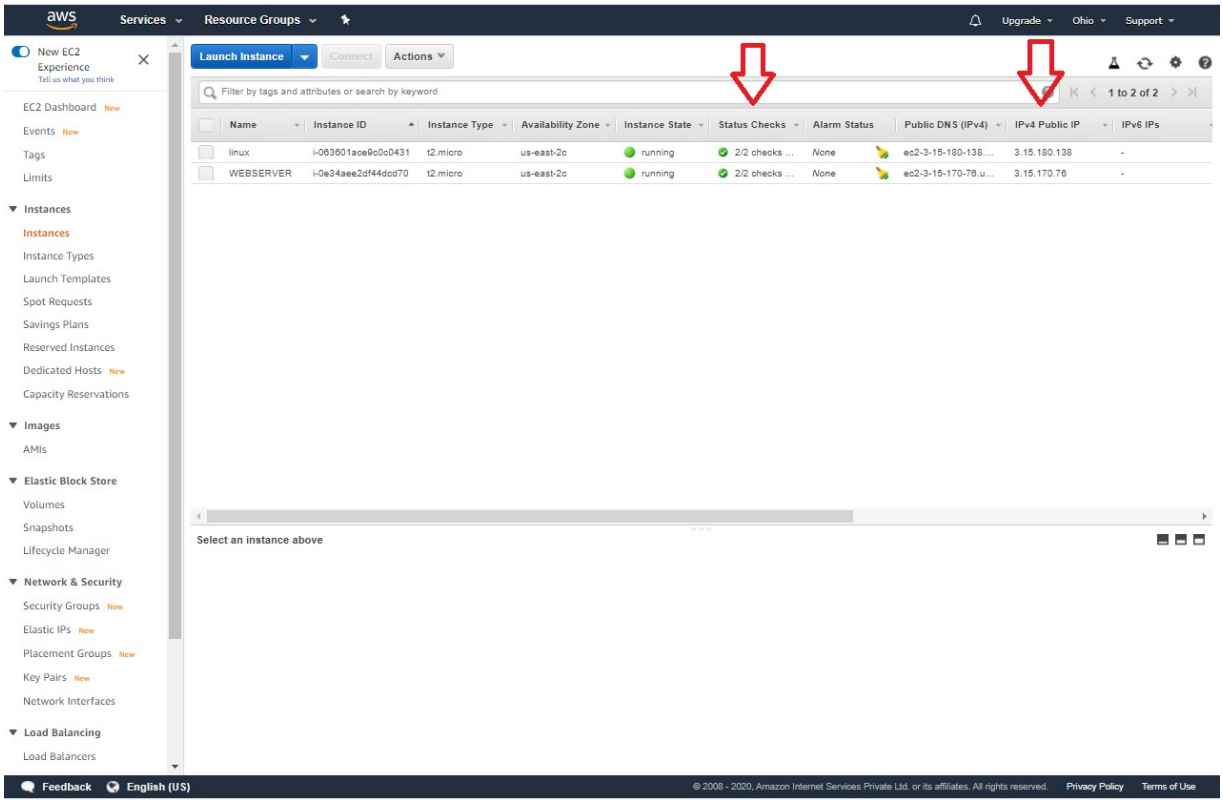


- Download / Existing **KEY Pair** for Session login.



✓ Your instances launched.

✓ **Ready for connect.**



Check Instance status

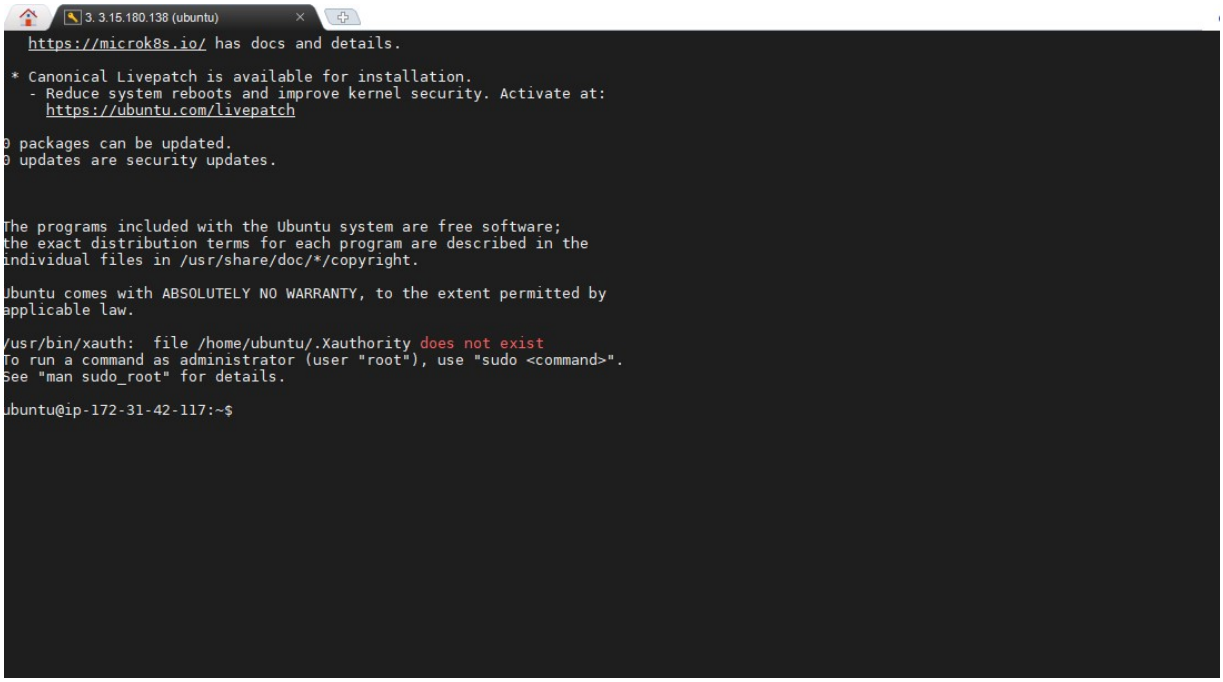
- 2/2 Check. (Must)
- Public & Private IP assigned by Server.

Download **Mobaxtream** for SSH login

Connect the server with **Mobaxtream** SSH fill-out the credential details

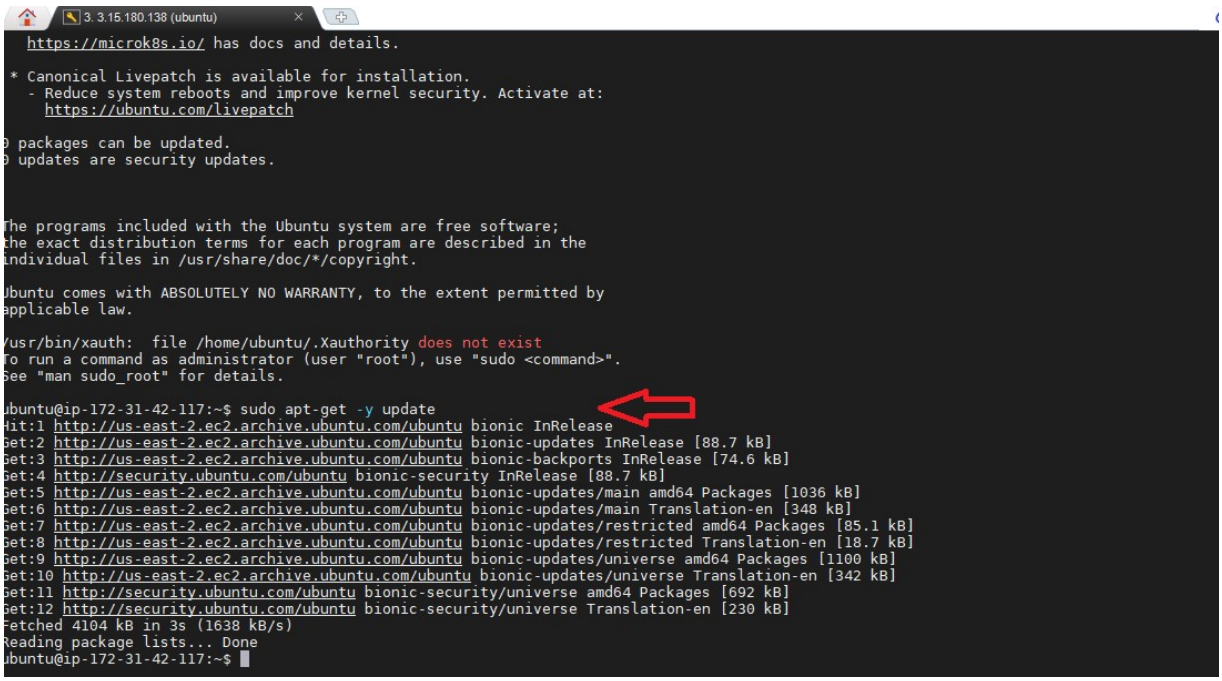
Ex.

- ✓ Public IP - 3.15.180.138
- ✓ User name – UBUNTU
- ✓ KEY pair - Existing/ download Encrypted key pair.

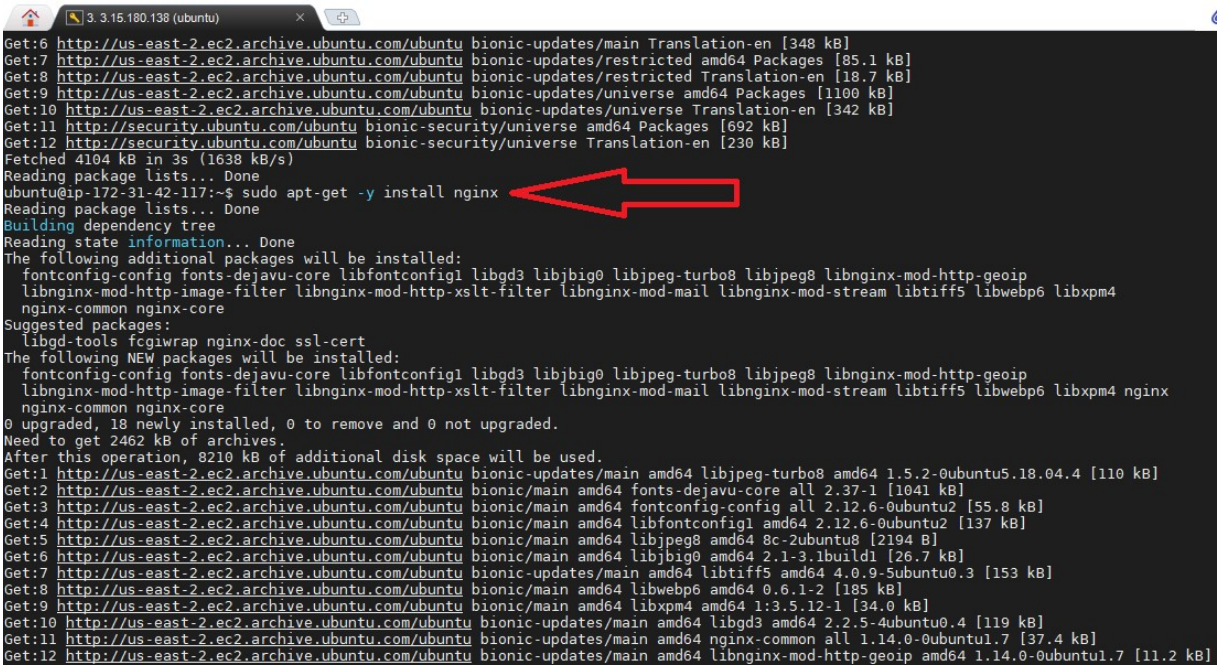


Ubuntu Server is connected !

- Install ngnix web server using bash



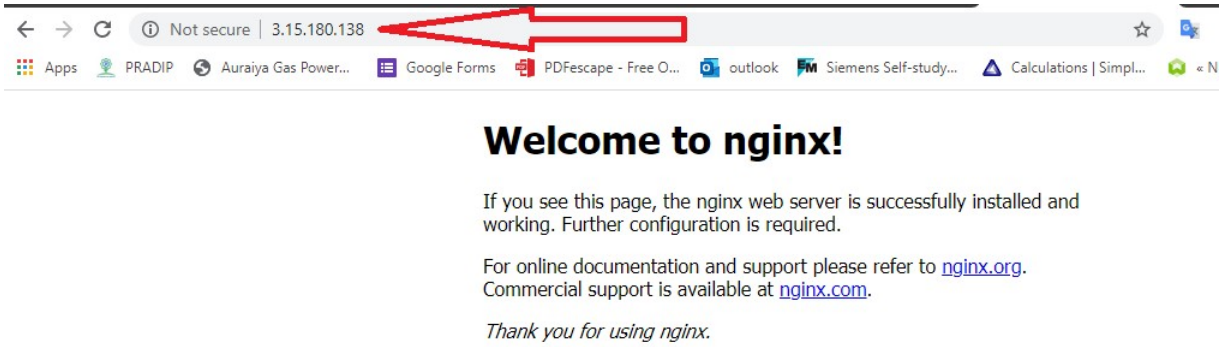
- ✓ type → sudo apt-get -y update (the package sources list to **get** the latest list of available packages in the repositories and "**apt-get upgrade**" **updates** all the packages presently installed in your Linux system to their latest versions)



- ✓ type → sudo apt-get -y install nginx (using for install nginx (open-source, high-performance HTTP and reverse proxy server that powers some of the largest sites on the Internet.)

✓

When its successfully completing at once.



Success

- Check your public IP, Which is visible in web. (http://3.15.180.138/)

END

THANK YOU