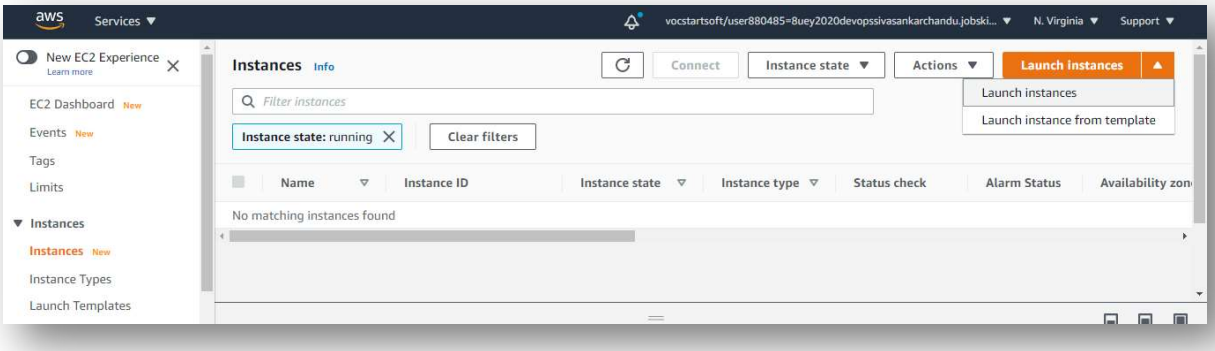
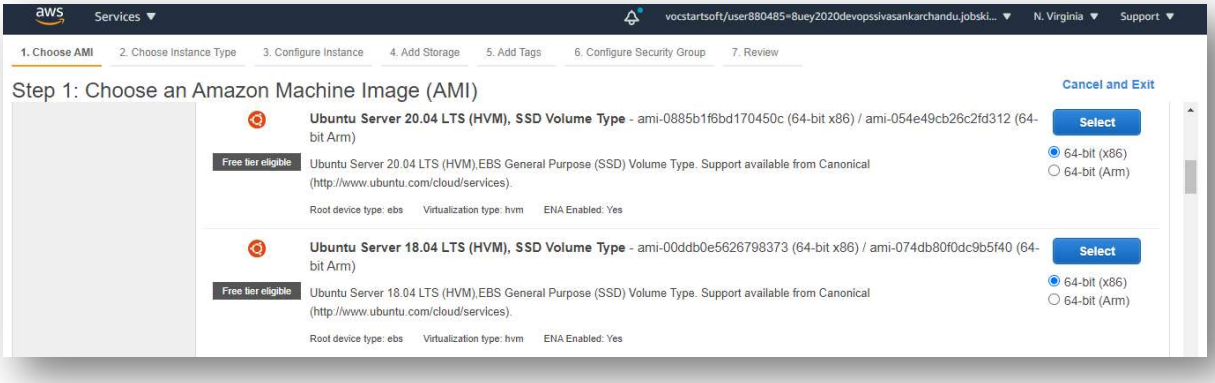
EC2 Instance (Ubuntu) – Git Bash

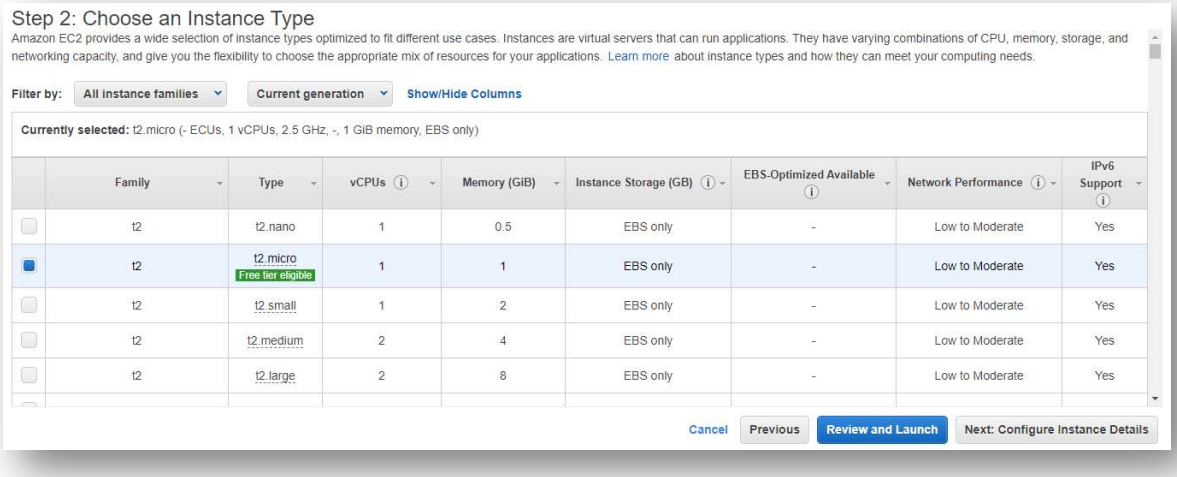
- **Open AWS Console and Search for EC2 Service then click on EC2 service. We directed to EC2 page, click on running instances then we find below page. Now click on Launch Instances.**



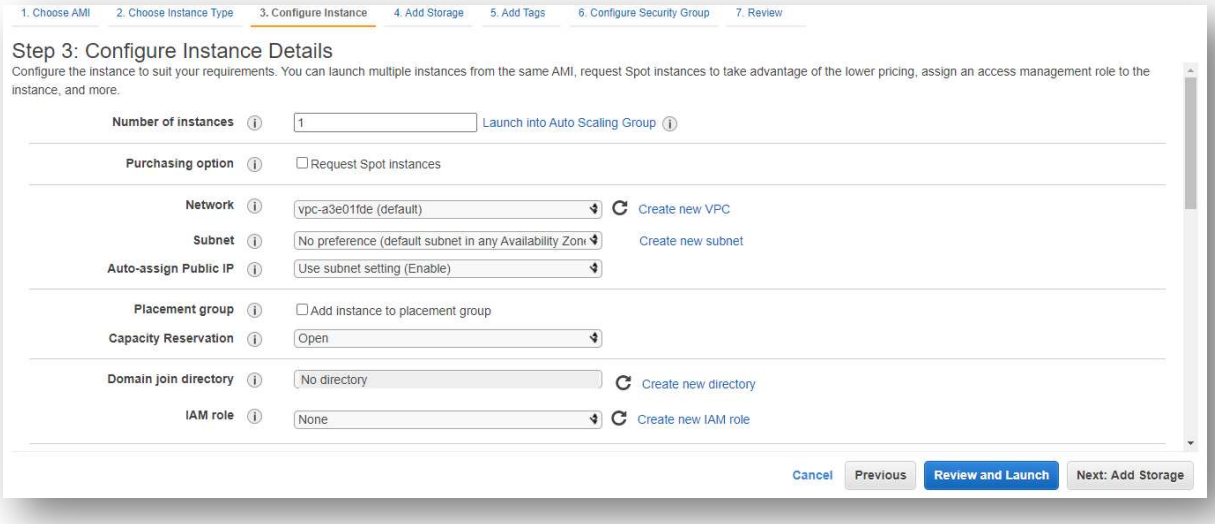
- Now select Amazon Machine Image (AMI), An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs. Select Ubuntu Server then forwarded to Next step.



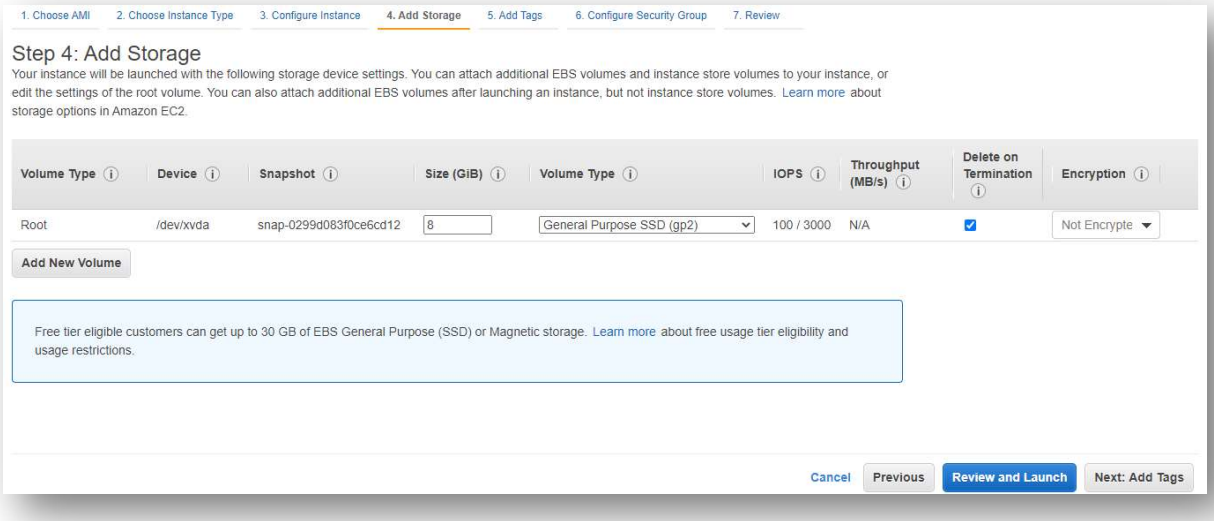
- Now, choose instance type. Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. After choosing Instance type based on requirement click Next to Configure Instance Details.



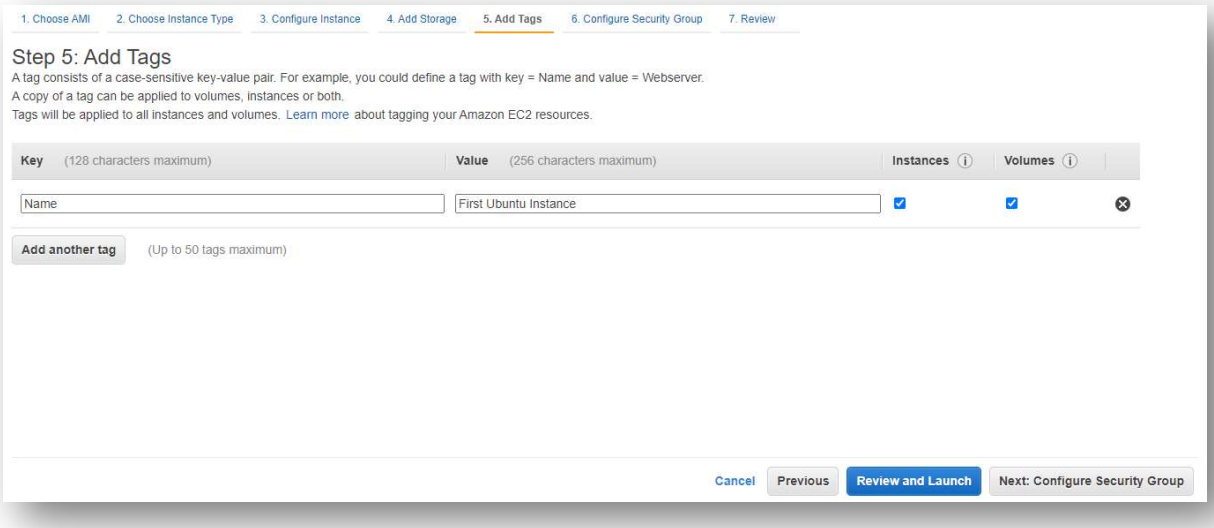
- Now, based on requirement Select the VPC, Subnet, Public IP, shutdown behaviour, stop hibernate, Termination protection, Monitoring and Use bash code in User data to automatically install and run application. Click next to add storage.



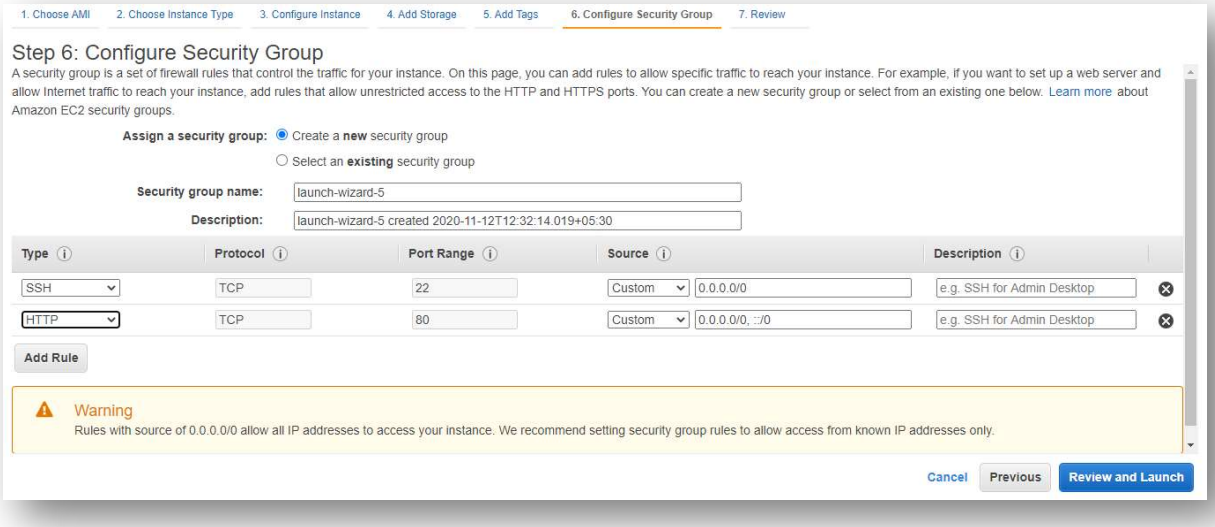
- Now add storage to EC2 Instance. I am not adding any volume so I am going to next step.



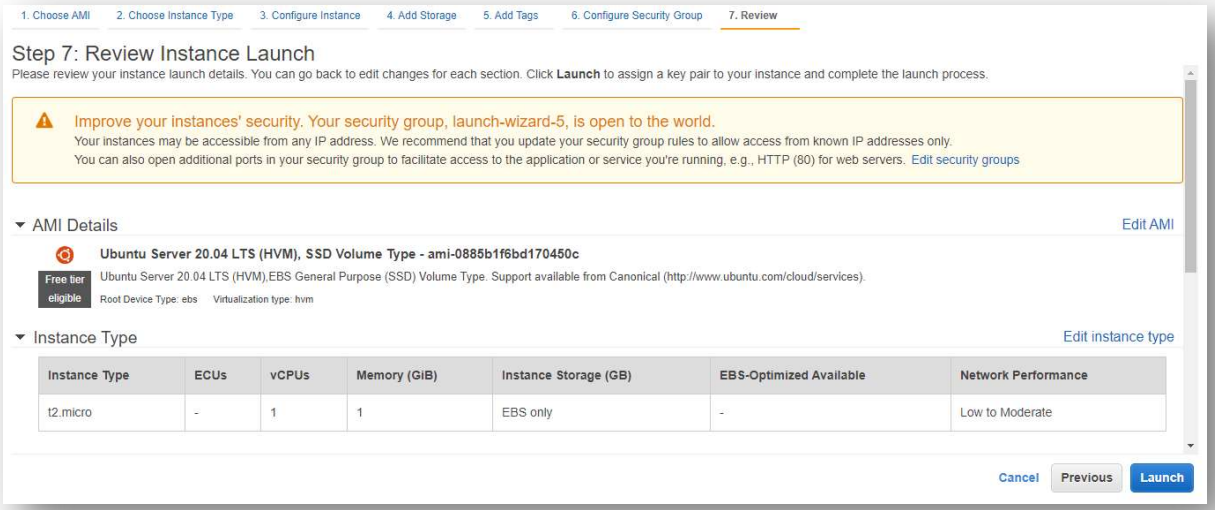
- Now assign some Tags to EC2 Instance. Key is Name and Value is First Ubuntu Instance then Click Next to Configure Security Group.



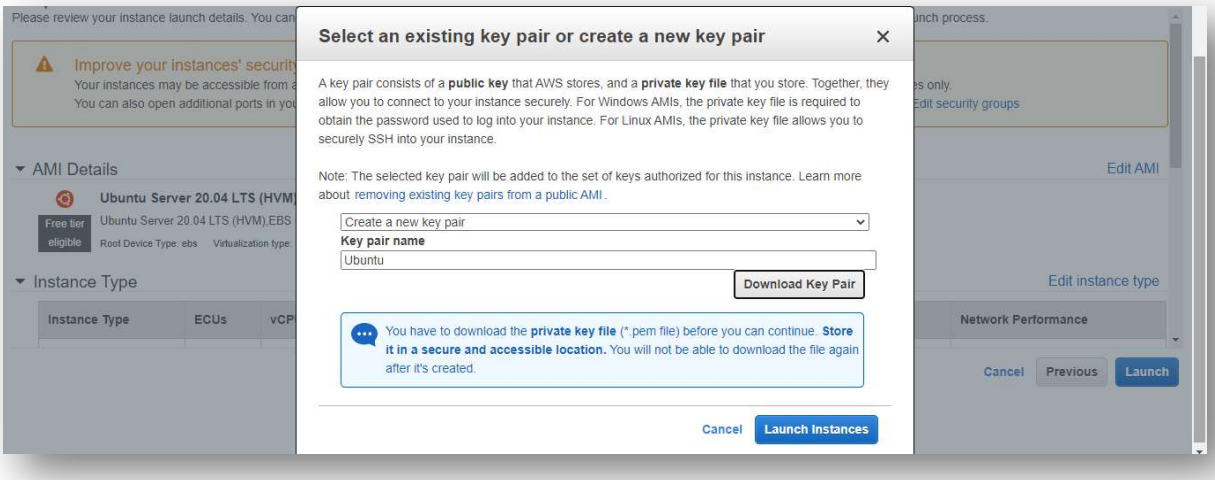
- Now, we can select either new Security Group or existing Security Group. Security Group have set of firewall rules that controls the traffic of EC2 Instance. Select Security Group and Add new rule to it. Click next review the selected options and launch the EC2 Instance.



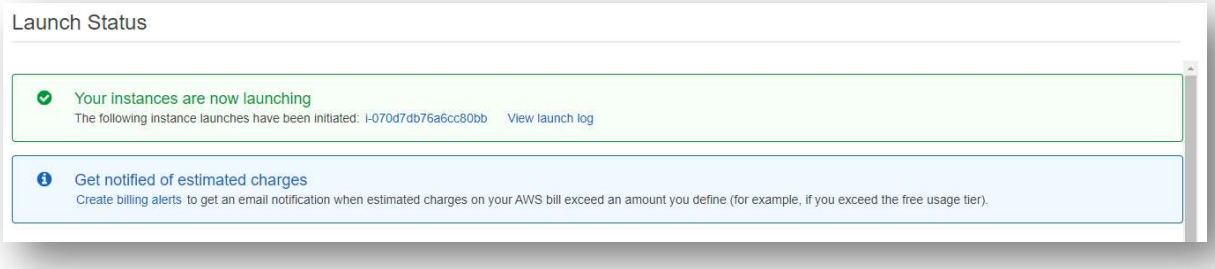
- Review the EC2 Instance.



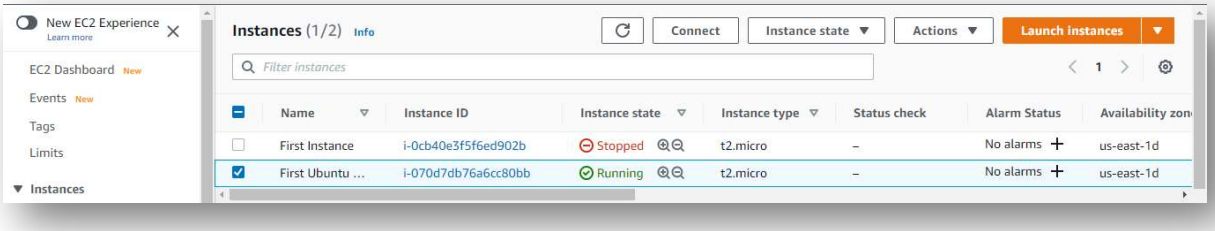
- After click on launch we select the Private key pair. Create new key pair and download it otherwise choose existing if you have any keypair. I am selecting new key pair and key pair downloaded. Now I am click on Launch Instances button to launch my Ubuntu Instance.



- Launch status

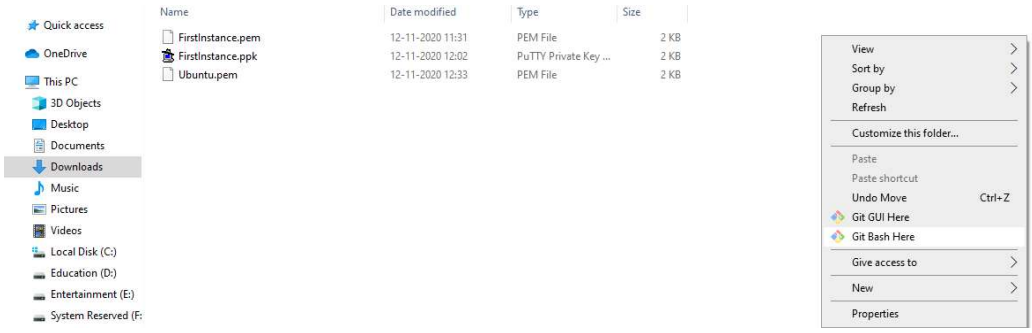


- My Instance state Running. Now connect instance through the Git Bash.

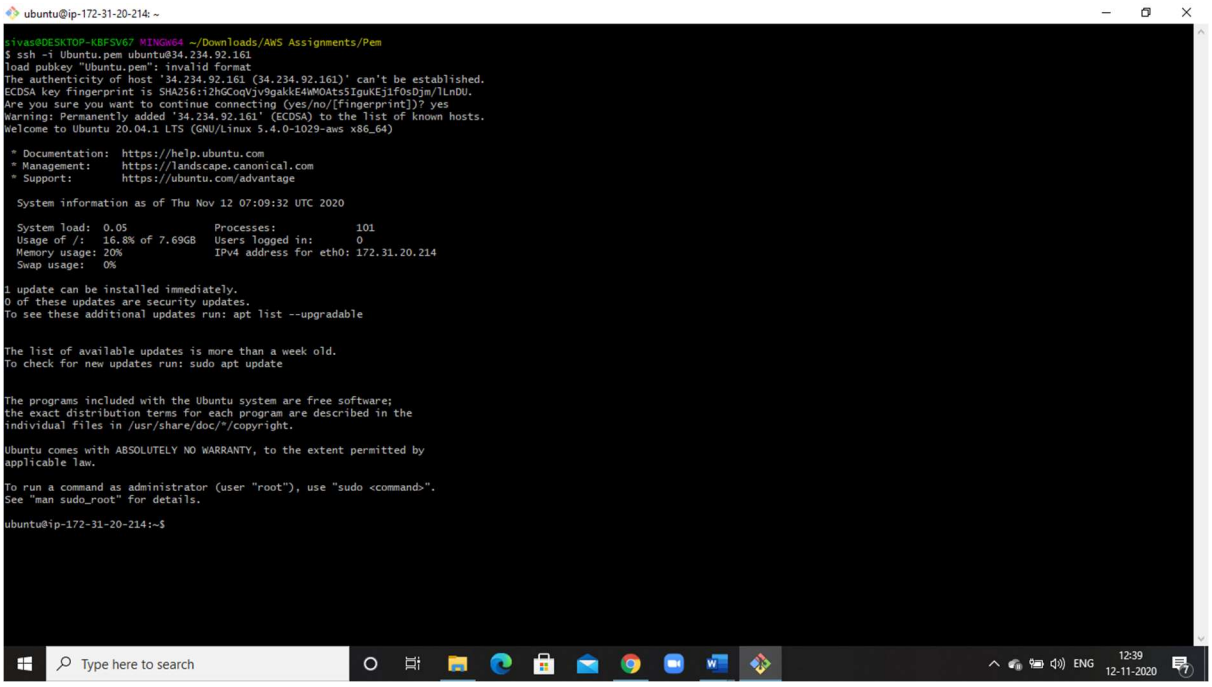


Connecting Instance through Git Bash…

- First Install Git Bash. After installing Git Bash open folder where the pem stored. Right Click on white space and then click on Git Bash here.



- Now paste the code (ssh -i Ubuntu.pem ubuntu@PublicIP_Address). Copy the Public IP address from EC2 Instance and Click Enter.



EC2 Instance Connected…

Now run **"sudo apt-get update"** to apply all the latest updates to EC2 Instance