

Assignment of Docker (Day 1)

EC2 Instance – Ec2 is a web service which aims to make life easier for developers by providing secure and resizable compute capacity in the cloud.

An **EC2 instance** is nothing but a virtual server in Amazon **web services** terminology. It stands for **Elastic Compute Cloud**. It is a web service where an AWS subscriber can request and provision a compute server in AWS cloud.

An **on-demand** EC2 instance is an offering from AWS where the subscriber/user can rent the virtual server per hour and use it to deploy his/her own applications.

The instance will be charged per hour with different rates based on the type of the instance chosen. AWS provides multiple instance types for the respective business needs of the user.

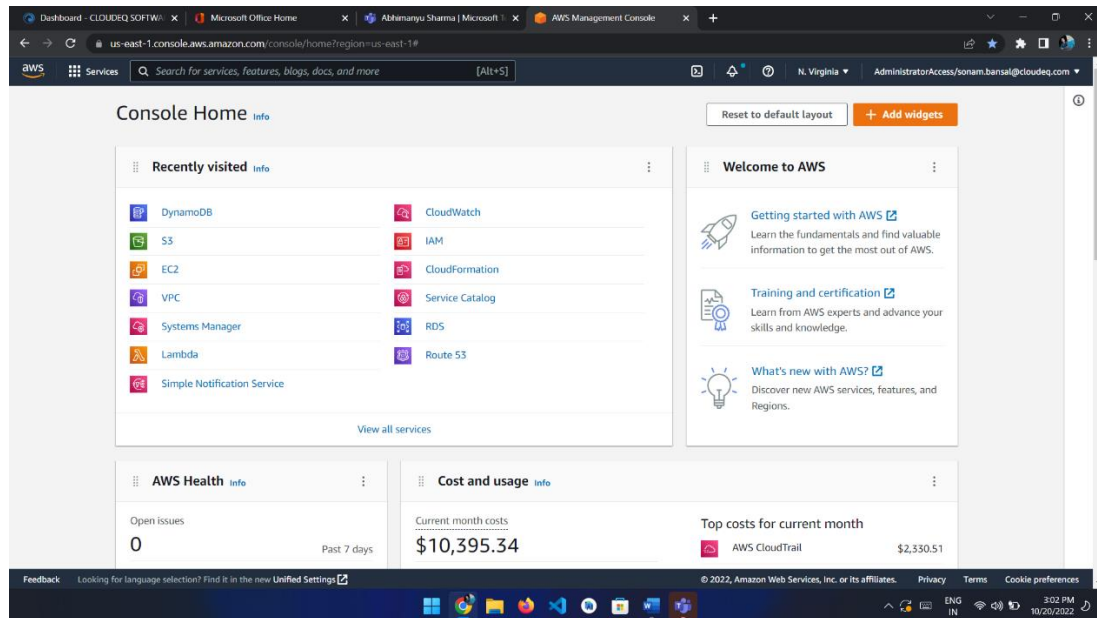
Features of EC2

- 1) Easy in scaling (up/down)
- 2) It can be integrated into several other services.
- 3) Pay only for what you use.

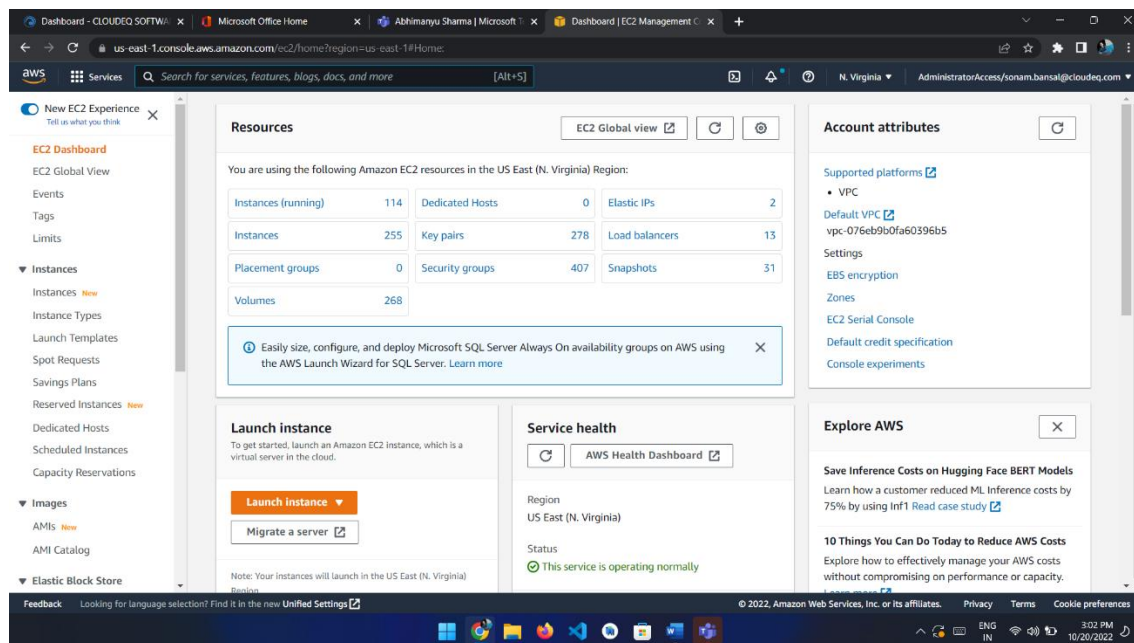
Steps in making Ec2 instance with console

Step1 Log in to AWS console, Click on Management Console AWS page will open.

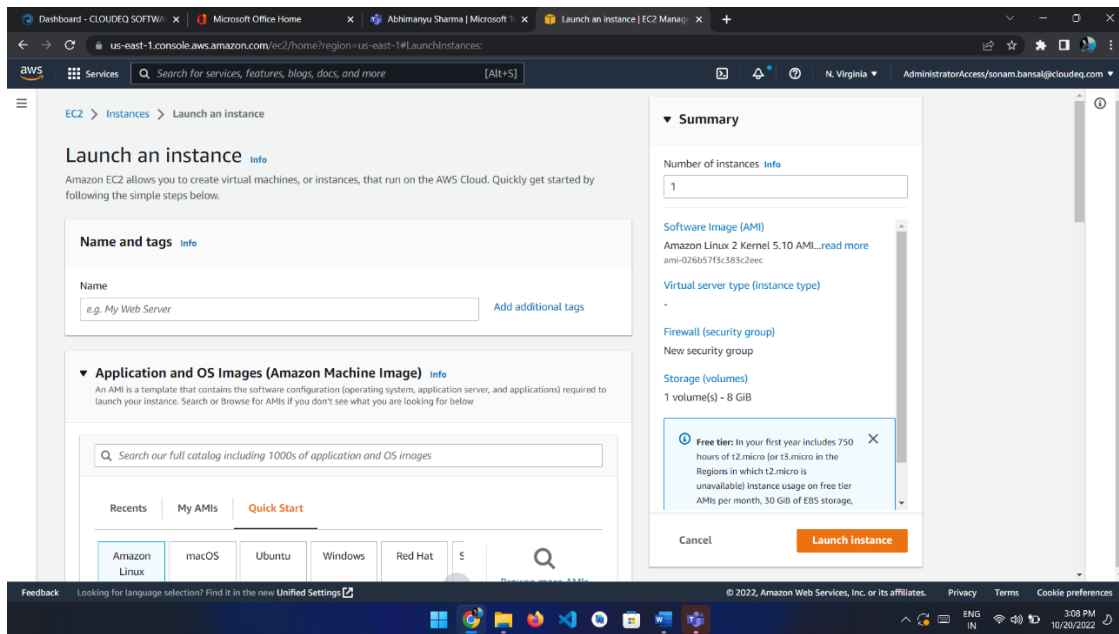
Step2 A service Dashboard will open.



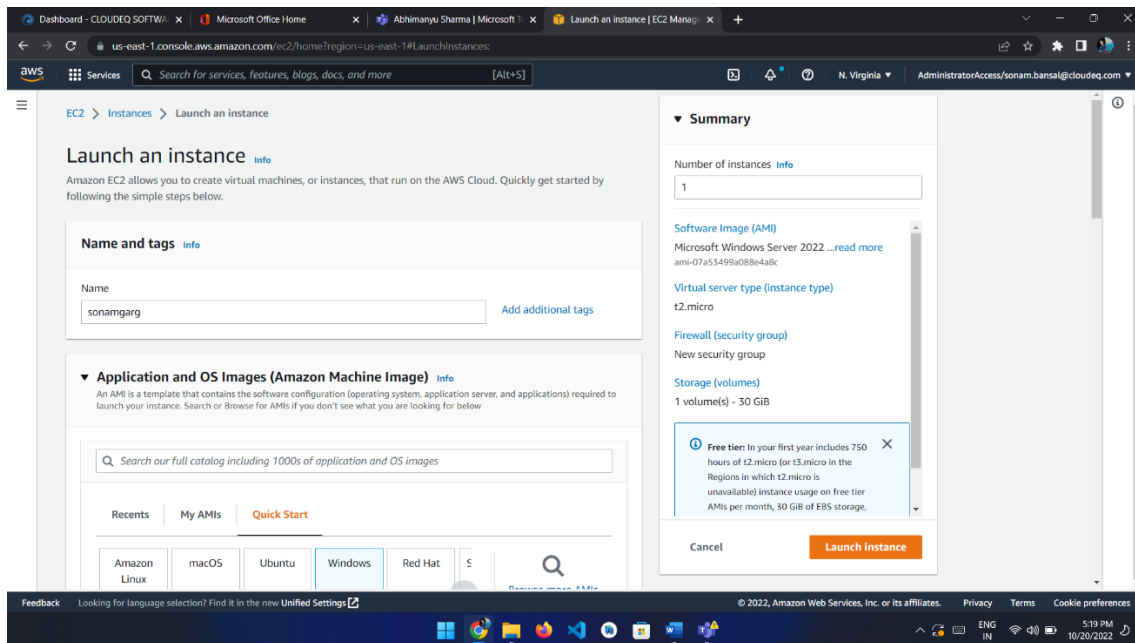
Step3 Click on option EC2, EC2 dashboard will be open.



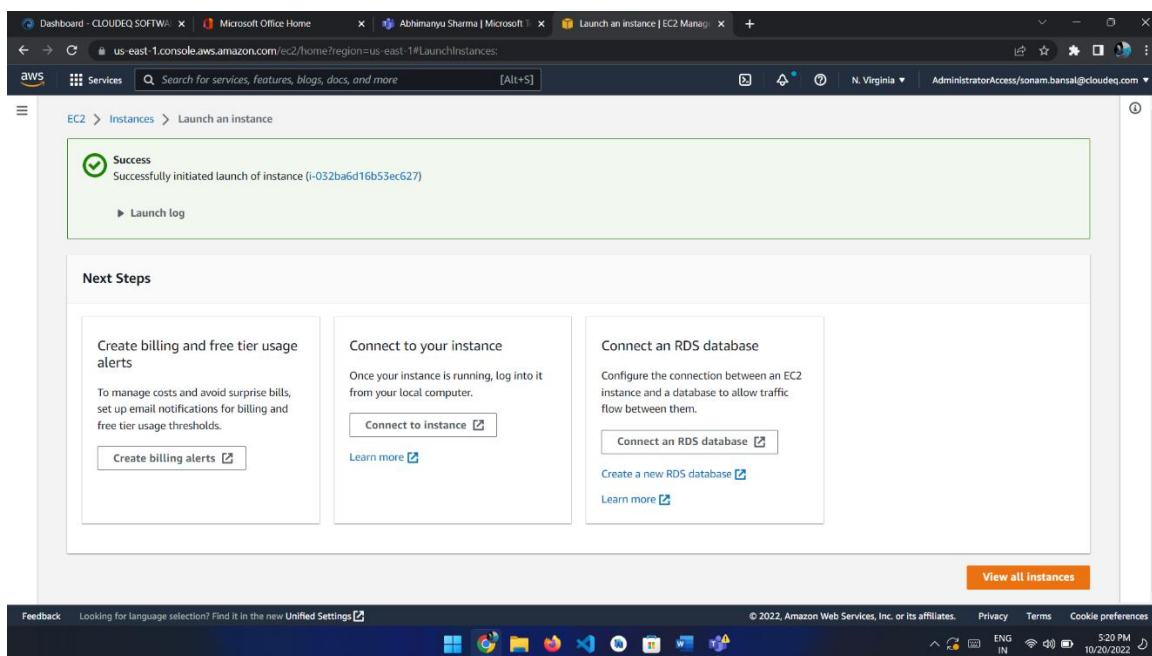
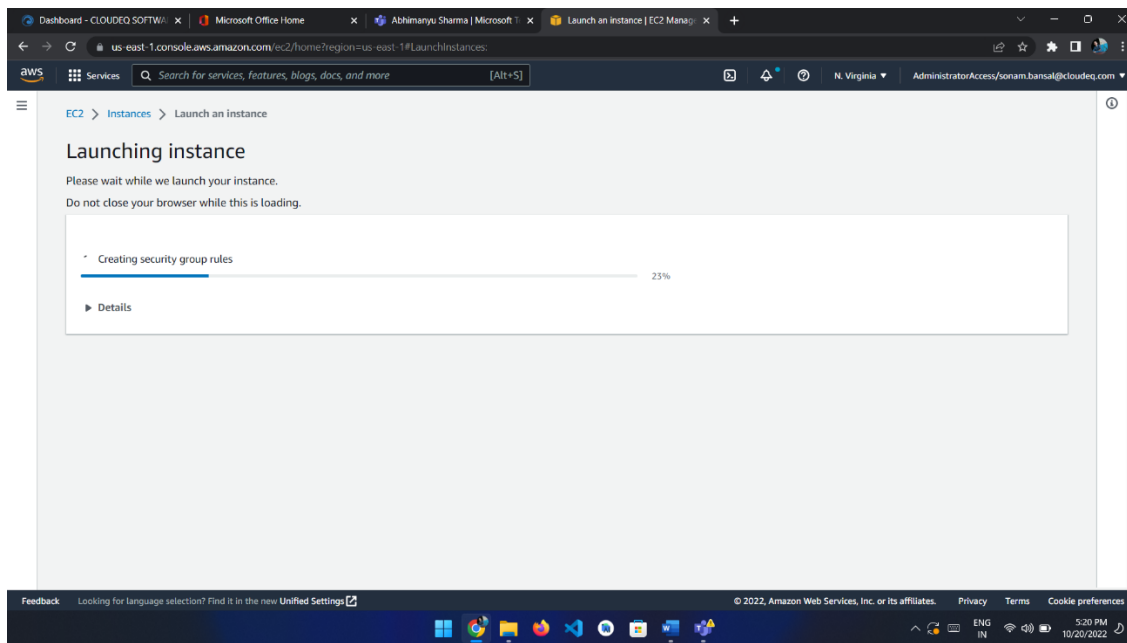
Step4 click on Launch Instance a page will be open.



Step5 Fill the all fields for making an EC2 instance.



Step6 After fill the details click on launch instance.



Dashboard - CLOUDEQ SOFTWARE

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Instances | EC2 Management Co

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:tag:Name=sonamgarg,sonamgargv=3\$case=tag:true%5C,client:false\$regex=tags:false%5C,client:false

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

AdministratorAccess/sonam.bansal@cloudeq.com

New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name = sonamgarg

Name = sonamgarg

Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
sonamgarg	i-032ba6d16b53ec627	Running	t2.micro	Initializing	No alarms	us-east-1b	ec2-54-89-23-

Instance: i-032ba6d16b53ec627 (sonamgarg)

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

Instance summary info

Instance ID

i-032ba6d16b53ec627 (sonamgarg)

Public IPv4 address

54.89.23.239 | open address

Private IPv4 addresses

172.31.87.184

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-54-89-23-239.compute-1.amazonaws.com | open address

Feedback

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5:21 PM

10/20/2022