# ASSIGNMENT ON AWS - MODULE 1

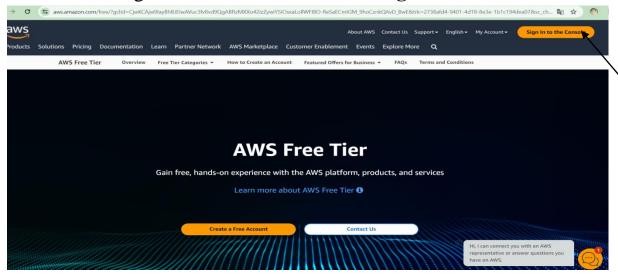
Submitted by: K S Rakesh

Submitted to: Staragile

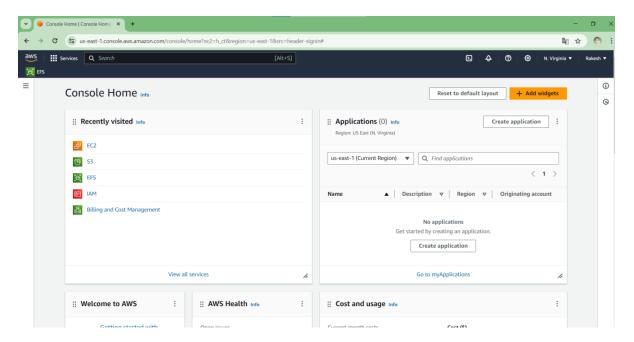
Submitted on: 14/05/2024

## L1 - <u>Demonstrate the AWS EC2 Ubuntu Instance</u> <u>Creation steps and connect to EC2 Instance using</u> <u>Mobaxterm/putty agent</u>

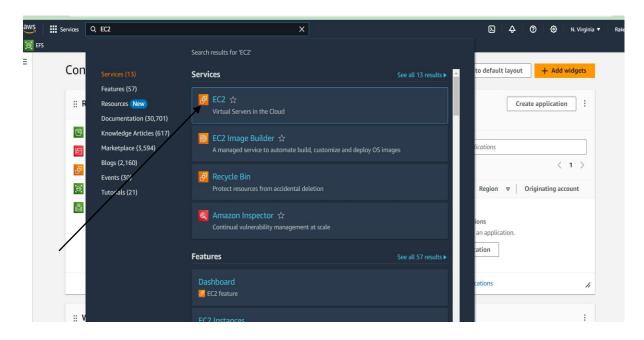
**STEP 1**: Go to **AWS official website** and **click** on sign in to console. Then give **account credentials** to **login** to AWS account.



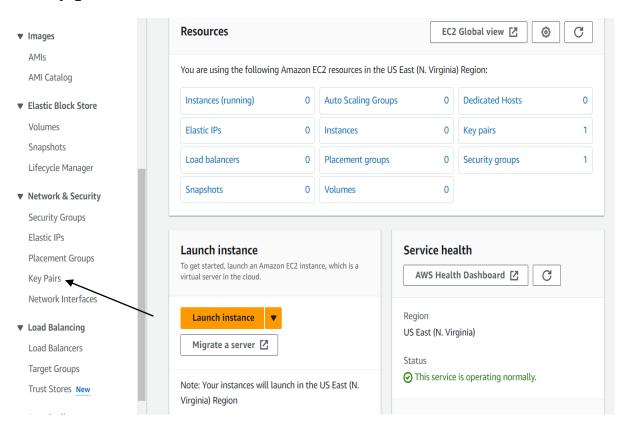
STEP 2: After signing in you will see Console page as shown below.



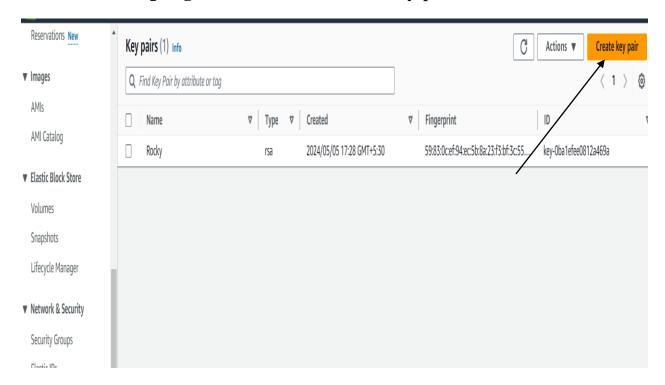
## STEP 3: In console home page in search box type EC2 service and click on it.



## **STEP 4**: Now in **EC2 dashboard** under Network and security **click** on **key pairs**.



STEP 5: On top right side there is Create key pair click on it.

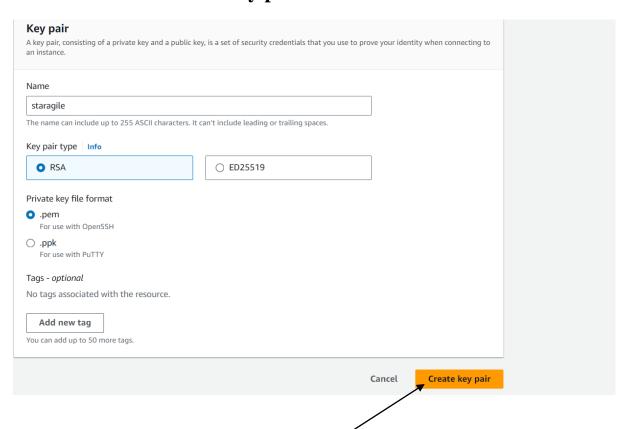


STEP 6: Here give key pair Name.

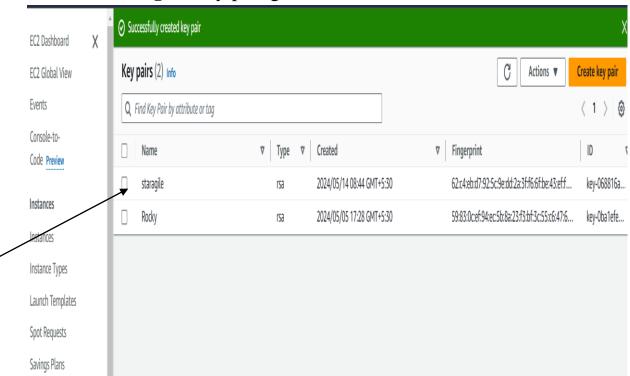
Select key pair type RSA.

Select Key file format .pem

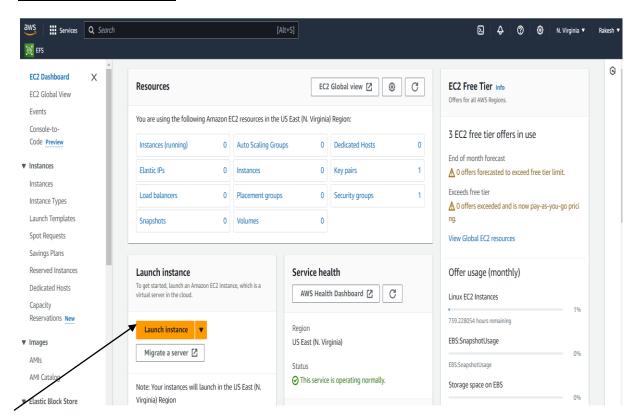
Click on create key pair.



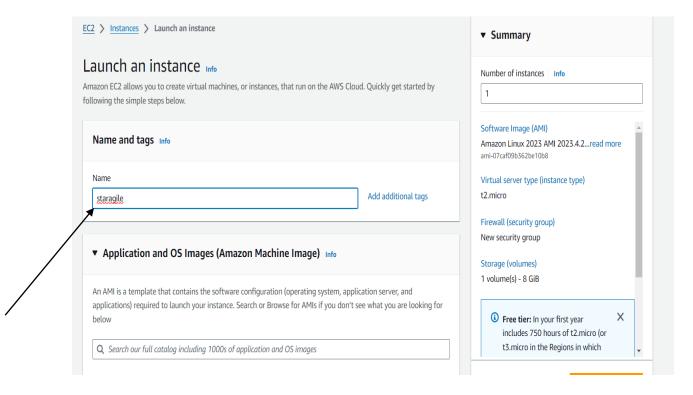
STEP 6: staragile key pair got created.



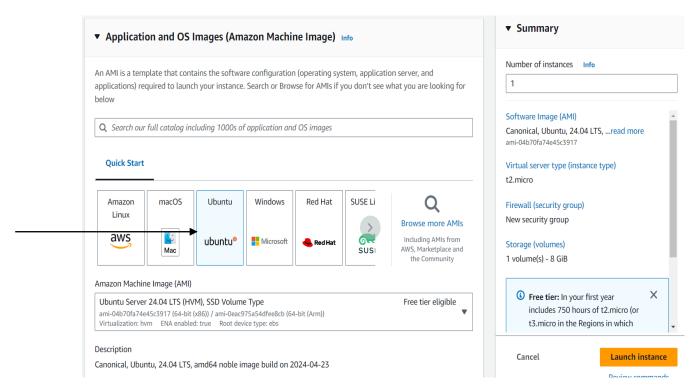
**STEP 7**: **After creation of key pair** go to EC2 dashboard **click** on **Launch Instance**.



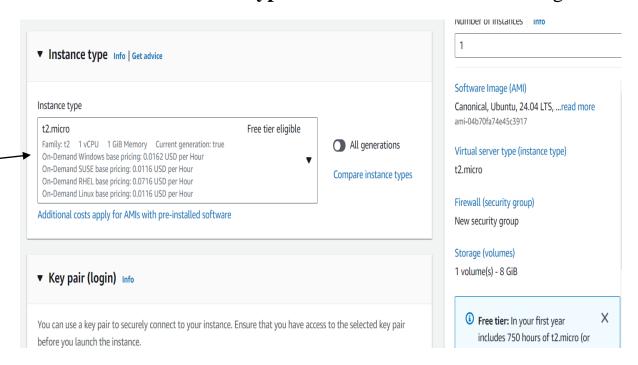
## **STEP 8:** Here under 'Name and tags' give Name of the instance [staragile].



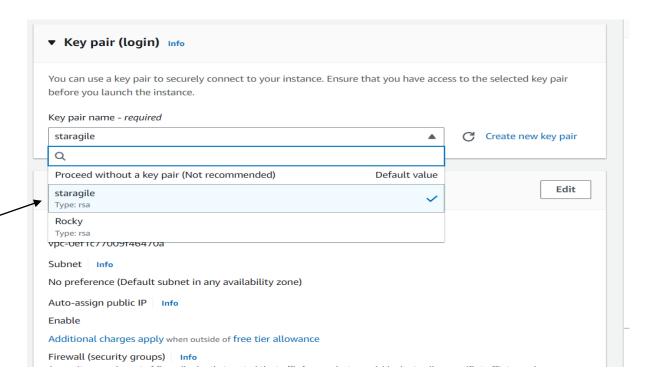
### STEP 9: Next Select AMI [Operating system] i.e Ubuntu.



#### STEP 7: Now in Instance type Select t2 micro i.e free tier eligible.



## **STEP 8**: In key pair **select** created **staragile key pair** as shown below.



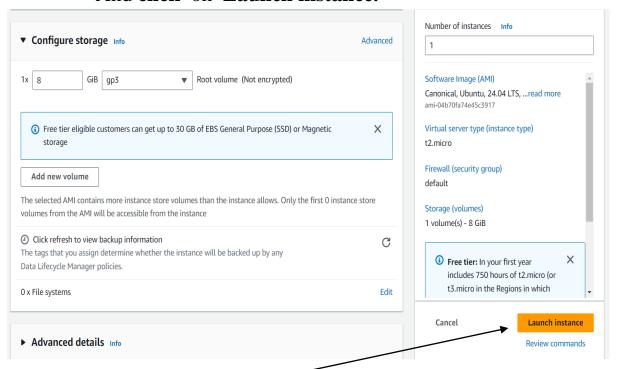
#### STEP 9: Keep network settings default.

And in **security group** click **select existing security group** and select **default** as shown below.

▼ Network settings Info	Edit
Network Info	
vpc-0ef1c77009f46470a	
Subnet Info	
No preference (Default subnet in any avai	ilability zone)
Auto-assign public IP Info	
Enable	
Additional charges apply when outside of fr	ree tier allowance
Firewall (security groups)   Info A security group is a set of firewall rules that cor nstance.	ntrol the traffic for your instance. Add rules to allow specific traffic to reach your
Create security group	Select existing security group
Common security groups Info	
Select security groups	▲ C Compare security
Q	group rules erfaces.
default	sg-095ad19cfe8e7e7d9

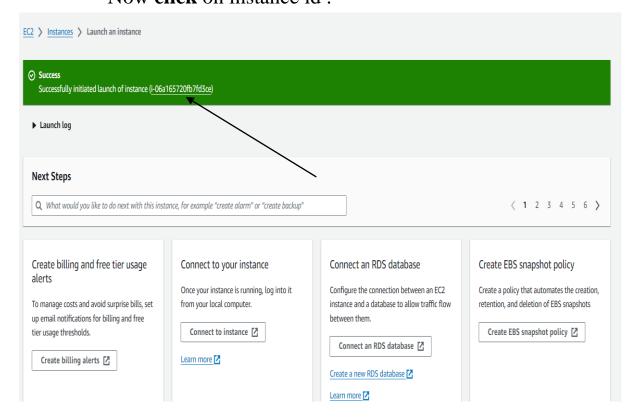
STEP 10: Keep configure storage and advanced details default.

And click on Launch instance.



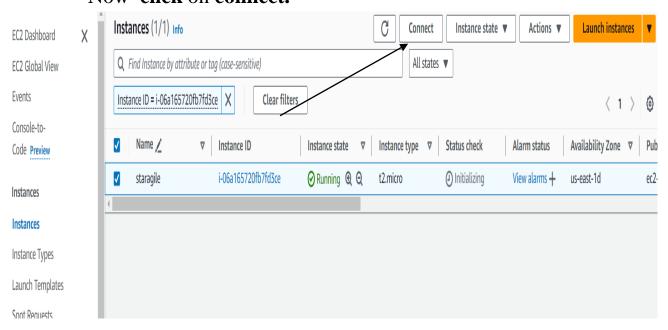
STEP 11: Instance got created successfully.

Now click on instance id.

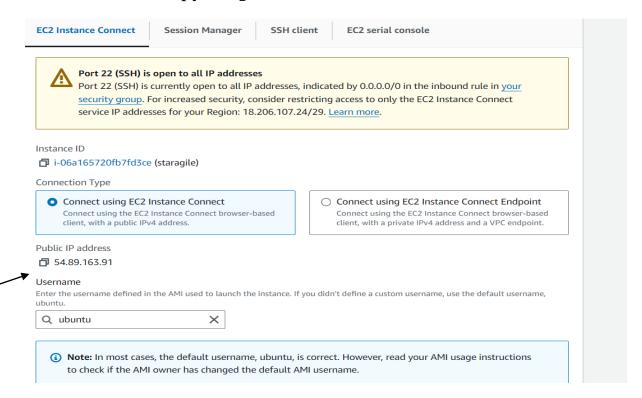


## **STEP 12: staragile** instance is **selected** as can see in the below picture.

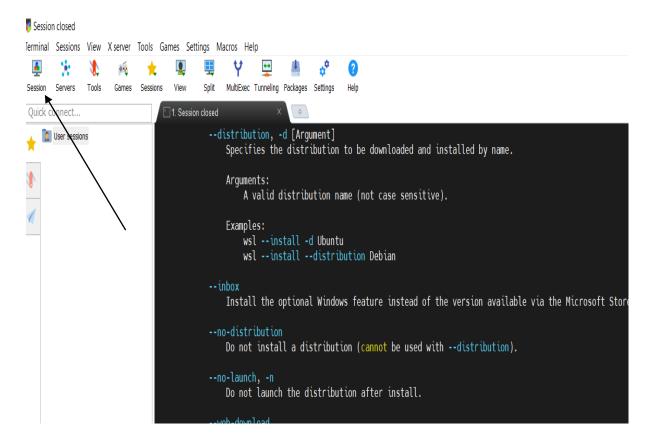
Now **click** on **connect**.



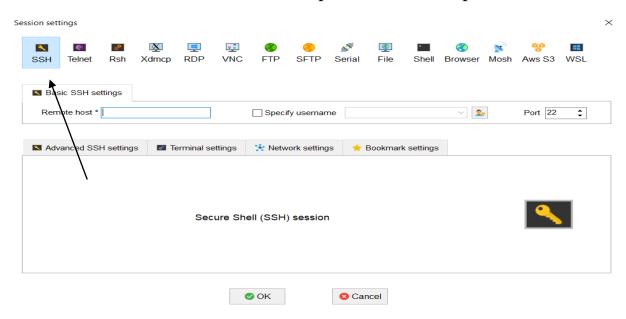
#### STEP 13: Now copy the public IP address and user name.



## **STEP 14:** To **connect** instance **open** the **Mobaxtreme** And **click** on **session** on top left side.

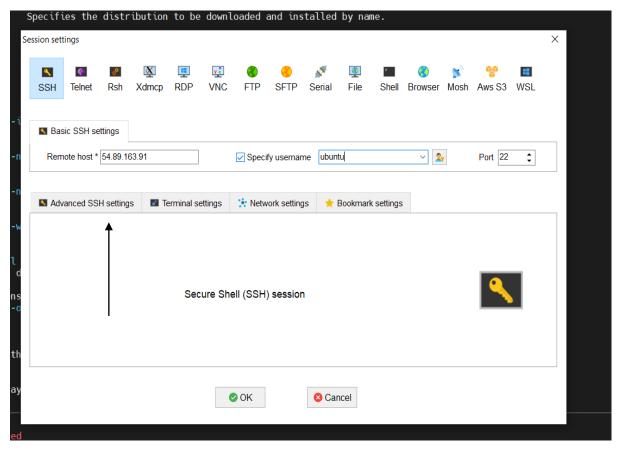


STEP 15: Now click on SSH On top left side of the picture.

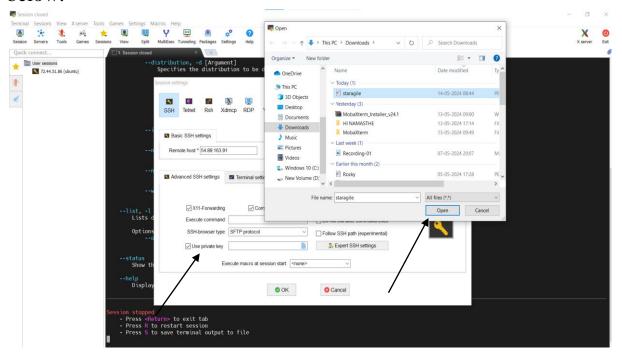


## STEP 16: Paste the Public IP address in Remote host and user name in Specify username copied in <u>STEP 13.</u>

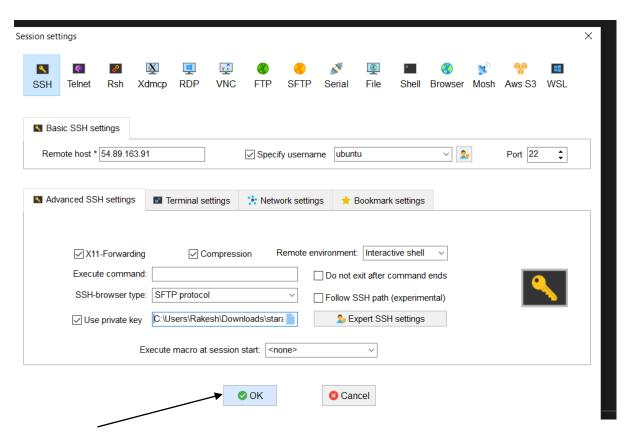
And then **click** on advance settings.



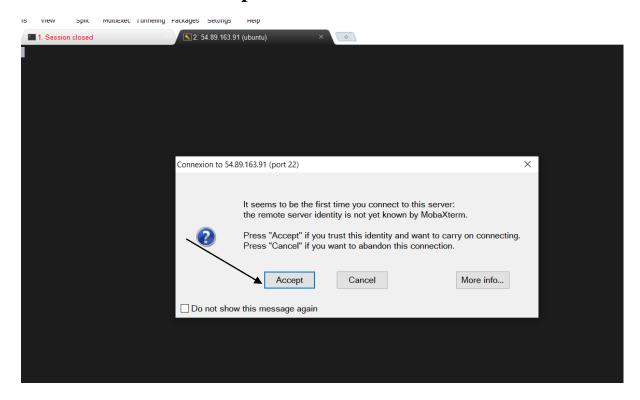
# **STEP 17**: Tick box of **use private key** and **select** private key of instance from **downloads**[ i.e **staragile**] **and click open** as shown below.



#### STEP 18: Now click on OK.



#### STEP 19: Click on Accept.



#### STEP 20: Now Instance got connected through Mobaxtreme.

