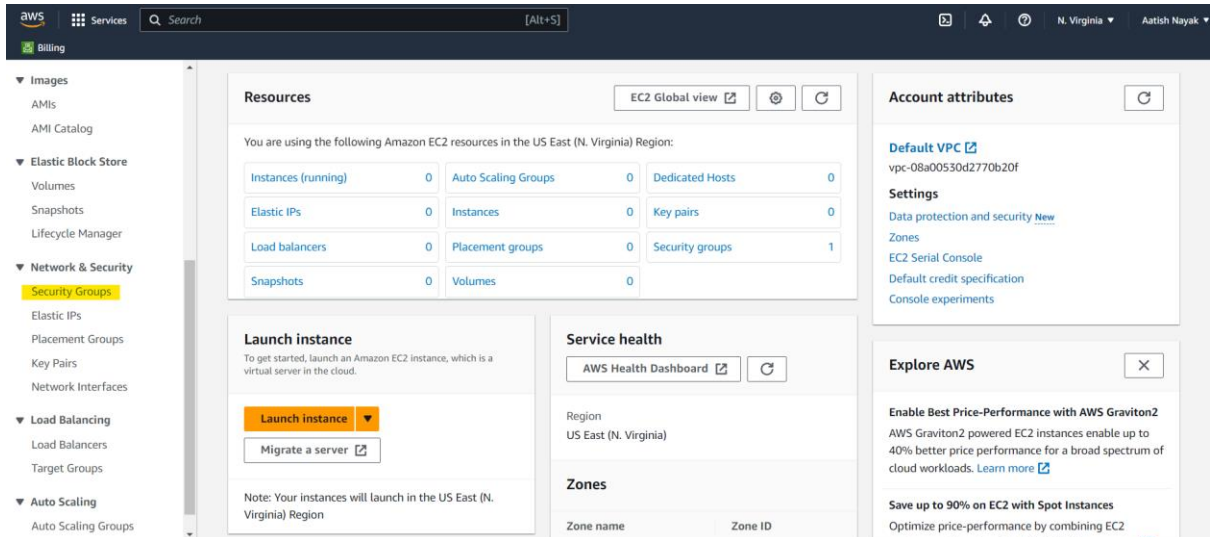
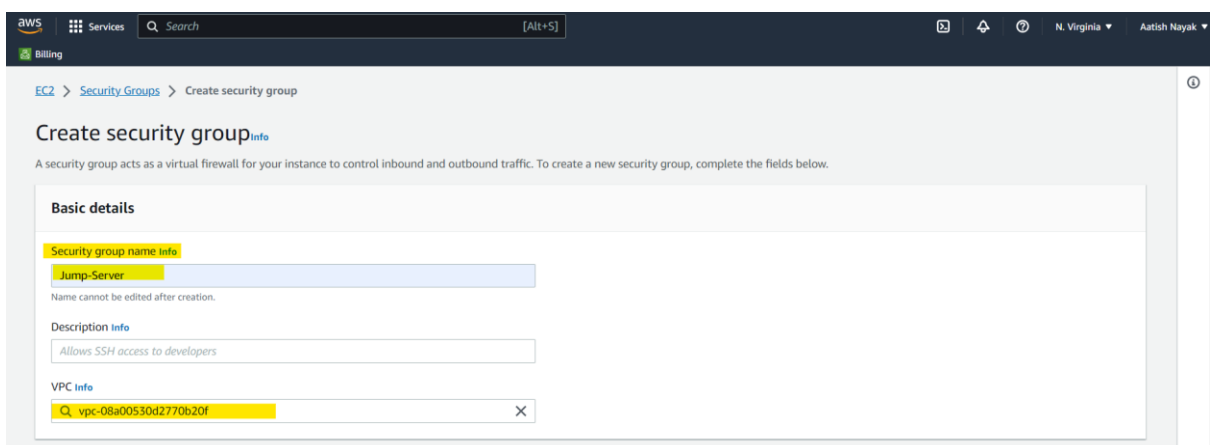


AWS- Jump Server

- Search for EC2
- Click on Security Groups



- Create a Security Group and name it was Jump-Server



- Create Inbound Rules
- Allow SSH, HTTP, HTTPS With source as Company IP or Any (0.0.0.0/0)
- Outbound Rules by Default as All Traffic

Inbound rules Info

Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Source <small>Info</small>	Description - optional <small>Info</small>	
SSH	TCP	22	Anywh... <input type="text" value="0.0.0.0/0"/>		Delete
HTTP	TCP	80	Anywh... <input type="text" value="0.0.0.0/0"/>		Delete
HTTPS	TCP	443	Anywh... <input type="text" value="0.0.0.0/0"/>		Delete

Outbound rules Info

Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Destination <small>Info</small>	Description - optional <small>Info</small>	
All traffic	All	All	Anywh... <input type="text" value="0.0.0.0/0"/>		Delete

- Review and Create

Security Groups (1/2) Info

	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	Jump-Server	sg-03d9236b9b51947d8	Jump-Server	vpc-08a00530d2770b20f	Jump-Server	666395655405
<input type="checkbox"/>	-	sg-049c2161ec7b4465c	default	vpc-08a00530d2770b20f	default VPC security gr...	666395655405

- Create the Second Security Group named EC2

Create security group Info

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.

Basic details

Security group name Info

Name cannot be edited after creation.

Description Info

VPC Info

- Create Inbound Rules
- Allow SSH, HTTP, HTTPS and Select the Source as Jump-Server Security Group
- Outbound Rules by Default as All Traffic

Description Info
EC2

VPC Info
vpc-08a00530d2770b20f

Inbound rules Info

Type	Protocol	Port range	Source	Description - optional
SSH	TCP	22	Custom	
HTTP	TCP	80	Custom	
HTTPS	TCP	443	Custom	

Add rule

- Review and Create

Security Groups (3) Info

Name	Security group ID	Security group name	VPC ID	Description	Owner
EC2	sg-0c7ee826705f423a0	EC2	vpc-08a00530d2770b20f	EC2	666395655405
Jump-Server	sg-03d9236b9b51947d8	Jump-Server	vpc-08a00530d2770b20f	Jump-Server	666395655405
-	sg-049c2161ec7b4465c	default	vpc-08a00530d2770b20f	default VPC security gr...	666395655405

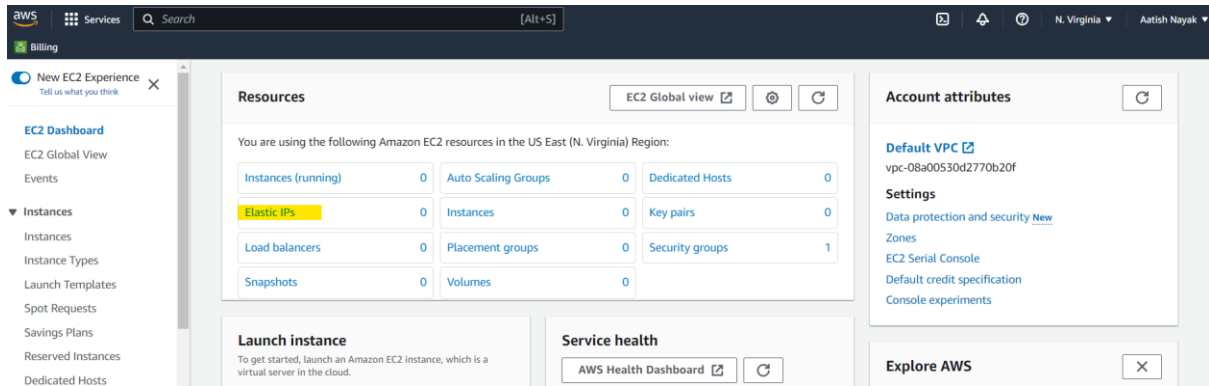
- Create 2 Virtual Machines
- VM1 with SG Jump-Server
- VM2 with SG EC2

Instances (2) Info

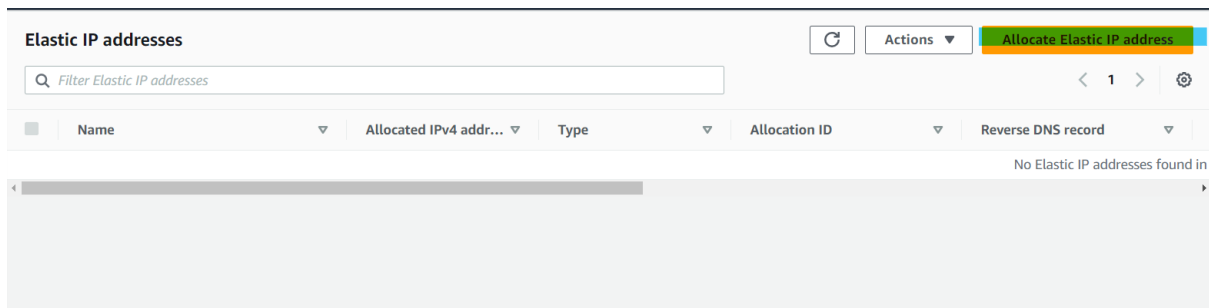
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
VM1	i-07be5da7b6f6d92d7	Running	t2.micro	Initializing	No alarms	us-east-1b	ec2-54-224-127-
VM2	i-0e89653b5d45eb443	Running	t2.micro	Initializing	No alarms	us-east-1b	ec2-35-168-114-

Select an instance

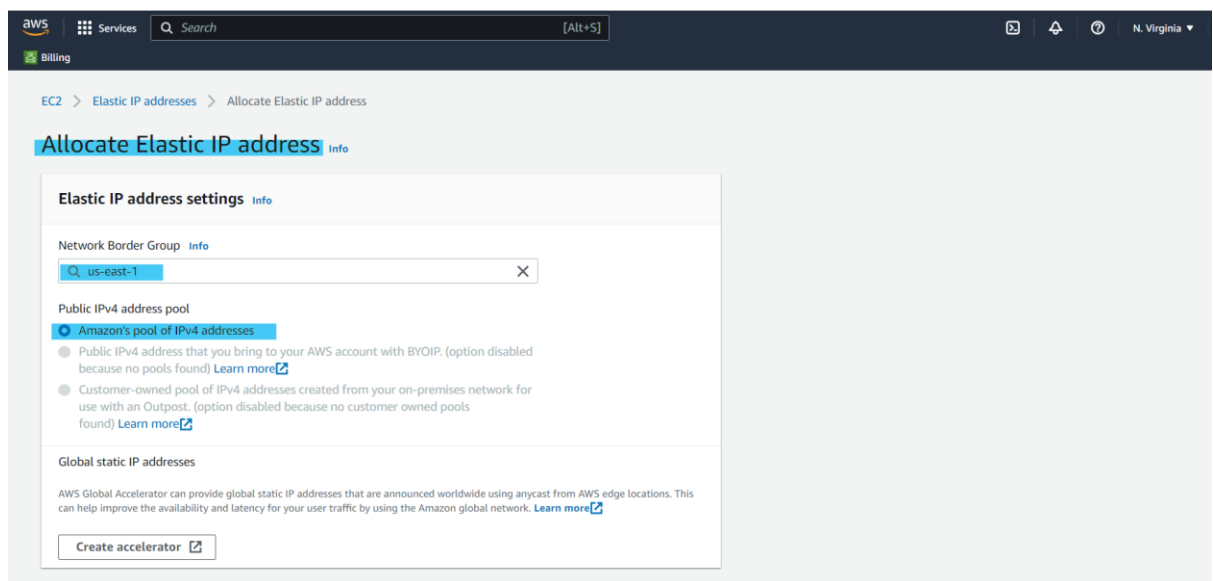
- Create Elastic IP
- Allocate Elastic IP address



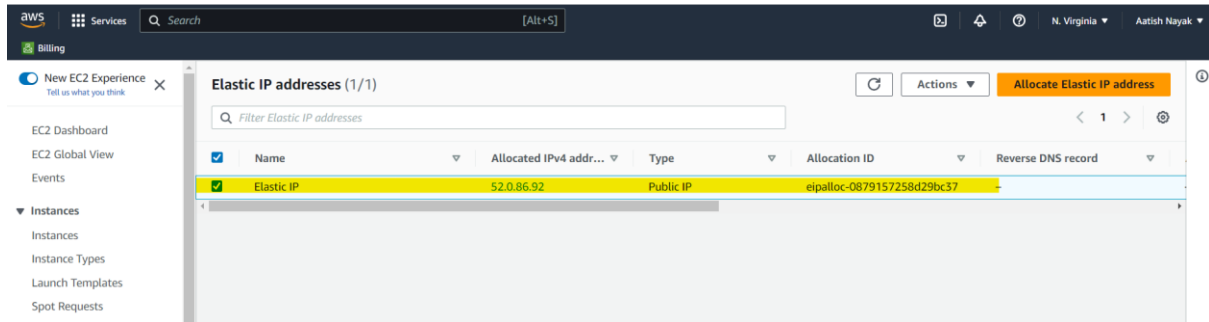
- Click on Allocate Elastic IP address



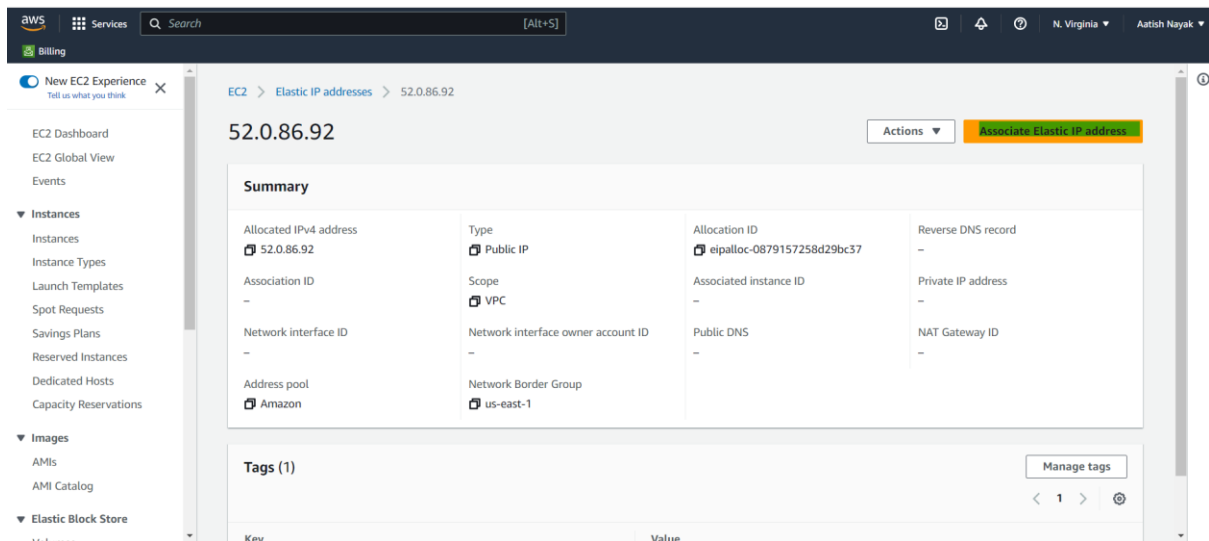
- Go with the Default Settings
- Click on Allocate to Create



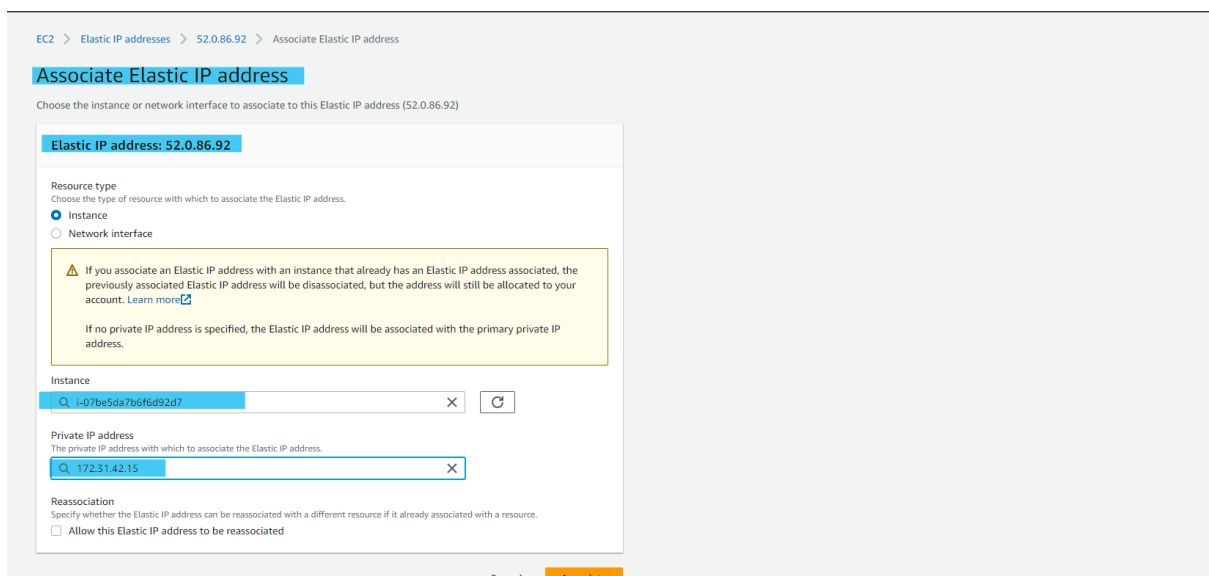
- Click on the IP once created



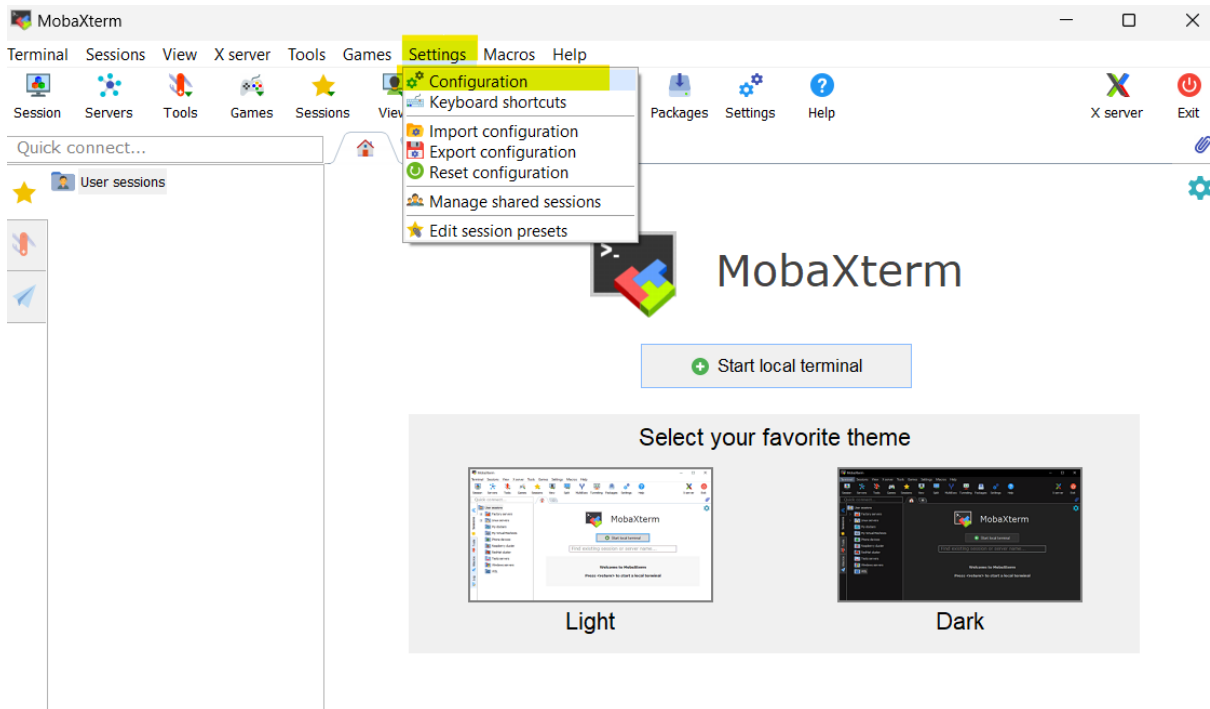
- Click on Associate Elastic IP Address



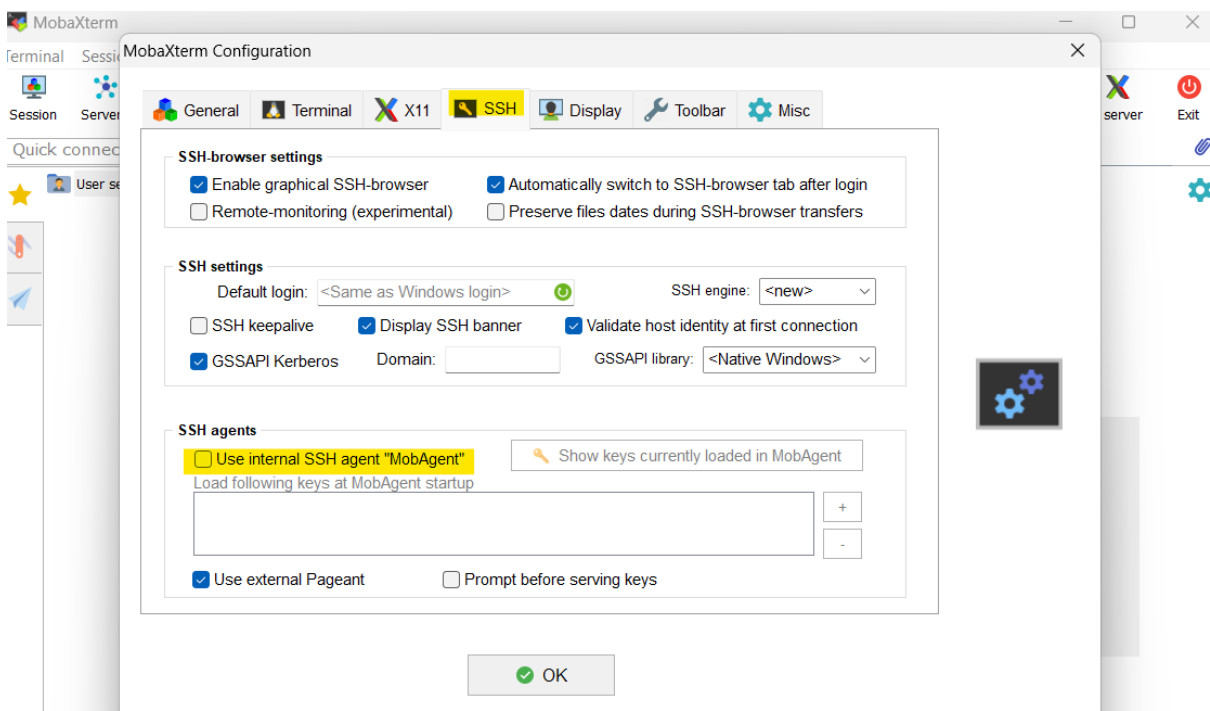
- Associate Elastic IP to VM1 (SG-Jump-Server)



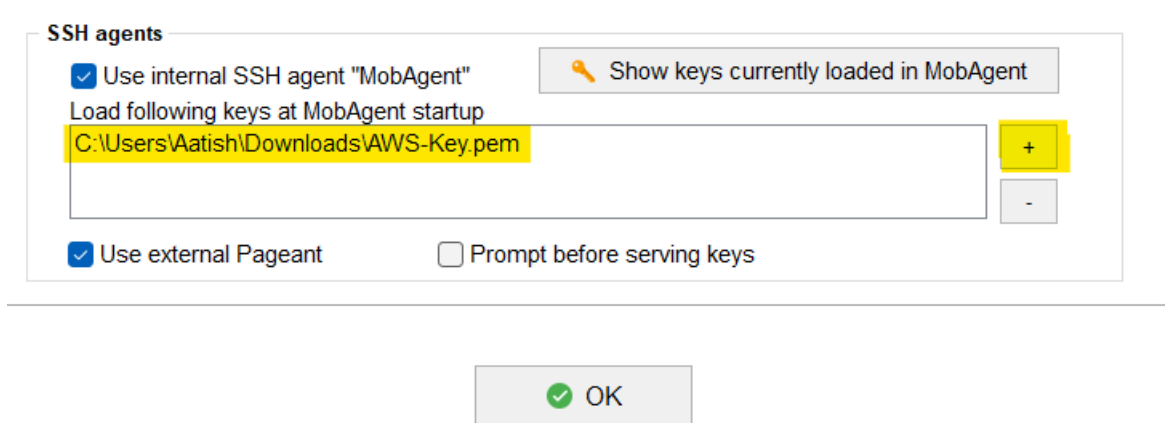
- Now Open MobaXterm
- Settings and click on configuration



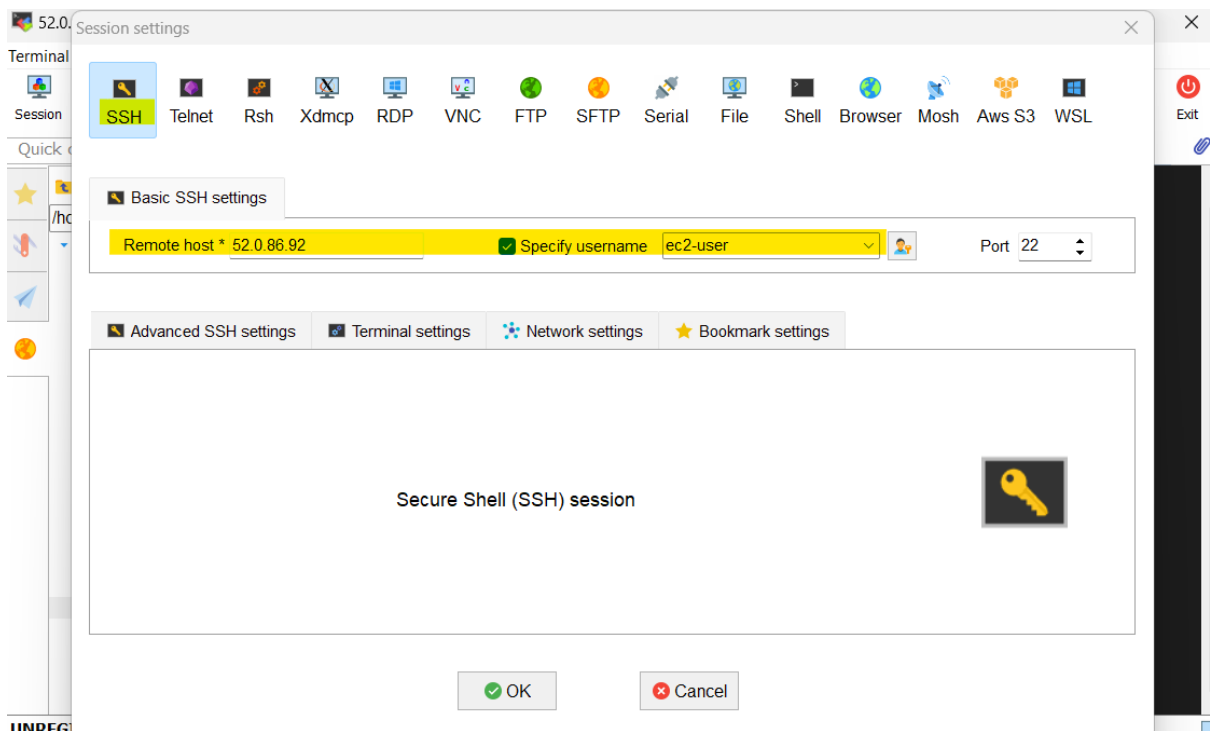
- Click on SSH
- Allow Internal SSH Agent



- Click on Add and Select the Key



- Create Session and login with SSH to VM1 (Jump-Server)



- [illegible]

- ```
/m/'
Last login: Fri Sep 8 11:58:27 2023 from 103.62.151.87
[ec2-user@ip-172-31-42-15 ~]$ ssh ec2-user@172.31.38.60

#_~
Amazon Linux 2023
#####\n\n#####|\n\n|###/\nhttps://aws.amazon.com/linux/amazon-linux-2023
V~' '->
~~~~  
~~.-.  
/_/_/_/_
```