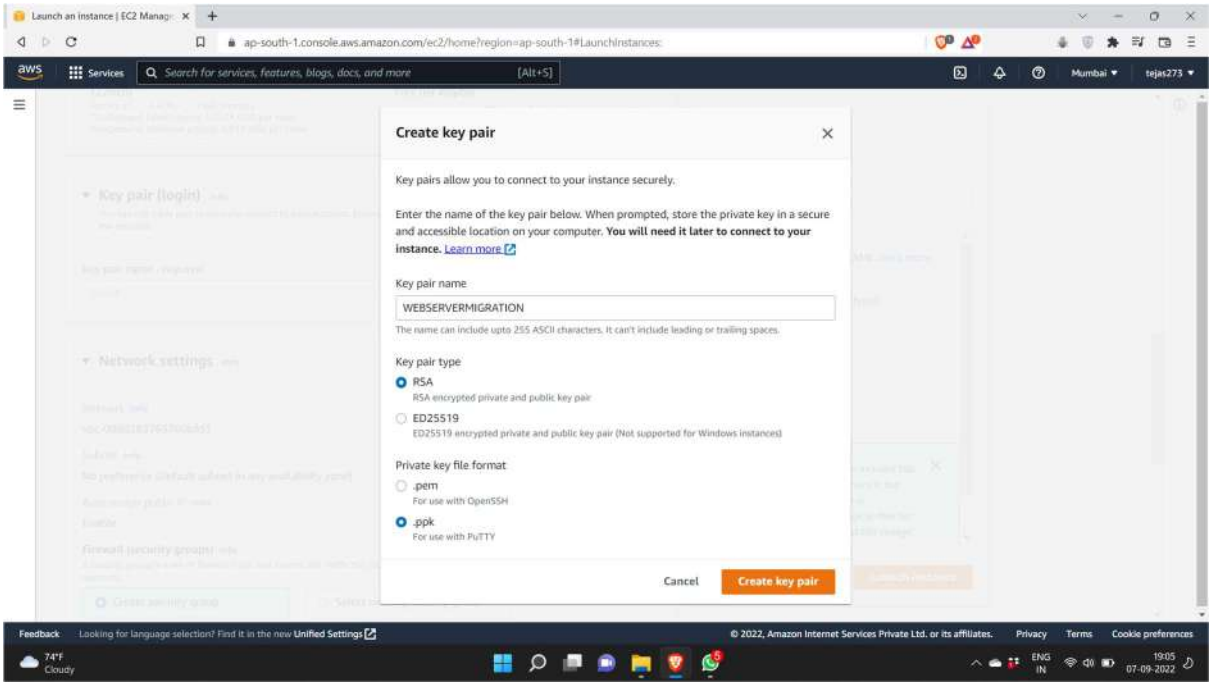
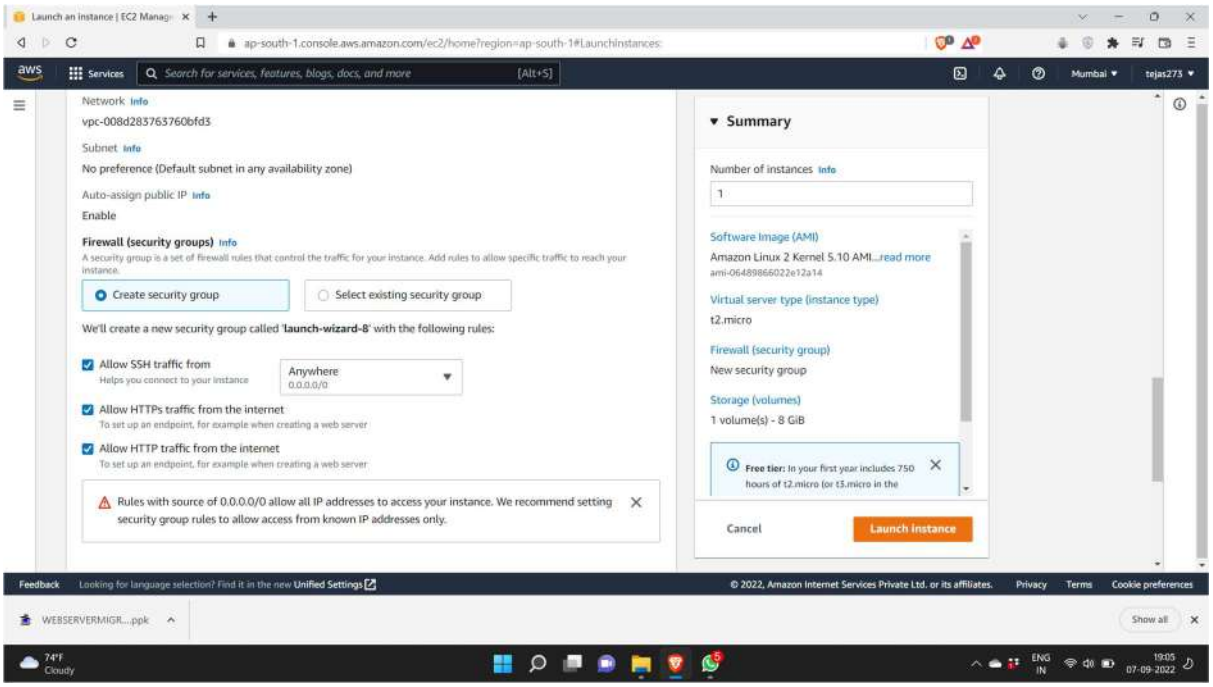
Name: Tejas Rahul Rokade

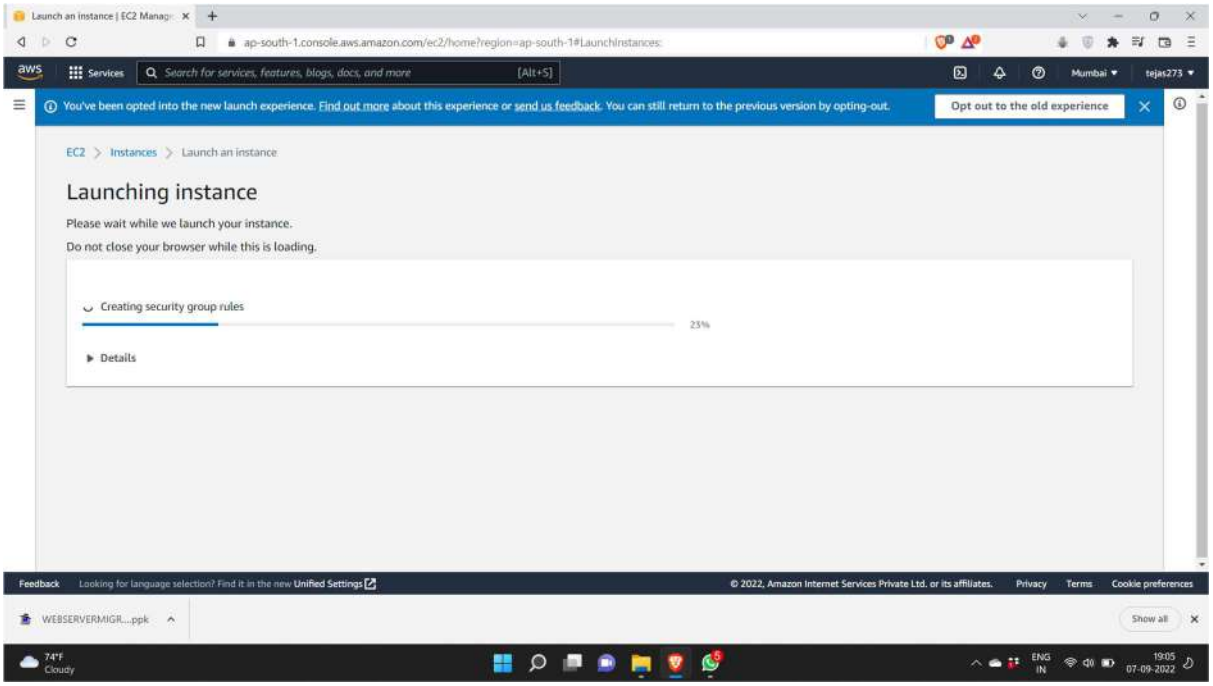
Reg. No.: 20BDS0033

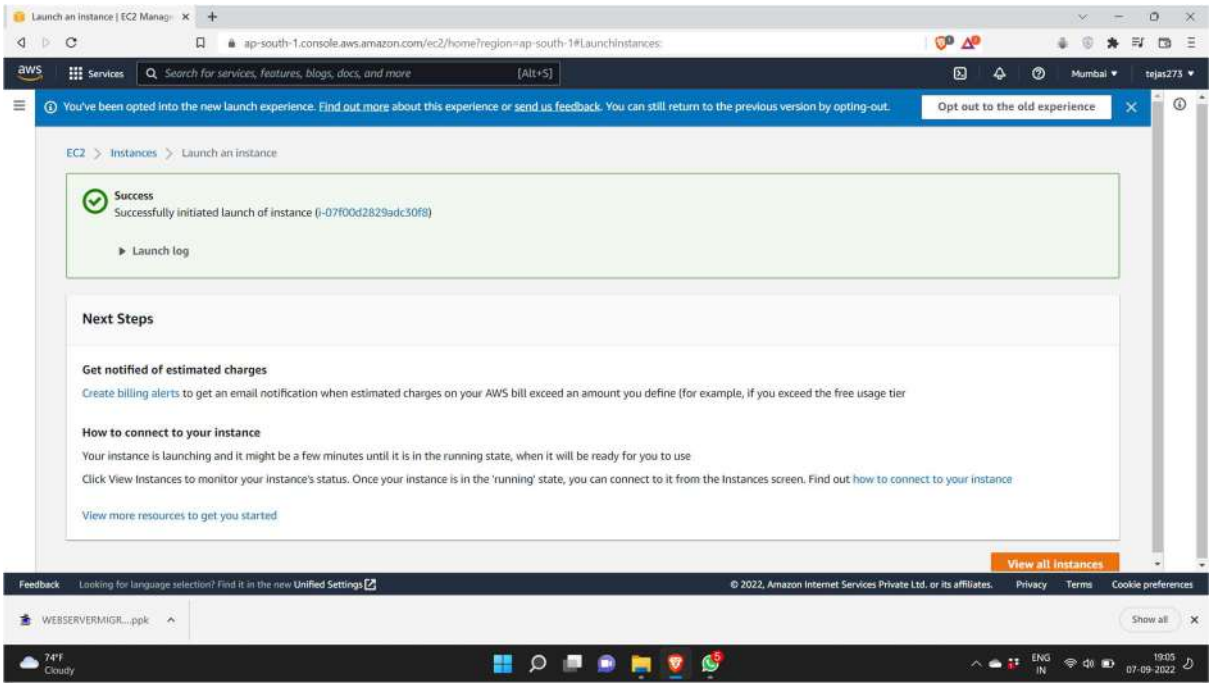
Implement the Concept of Virtual Machine Migration from one Amazon Region into another region.

Creating a new Key Pair

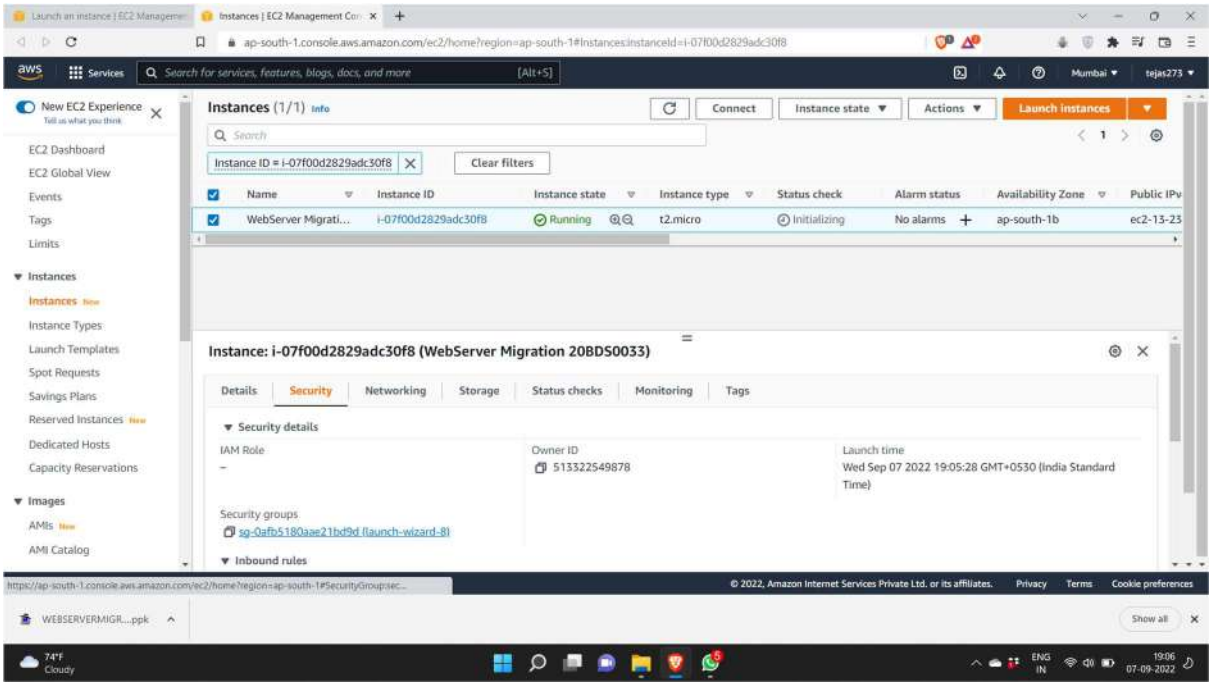




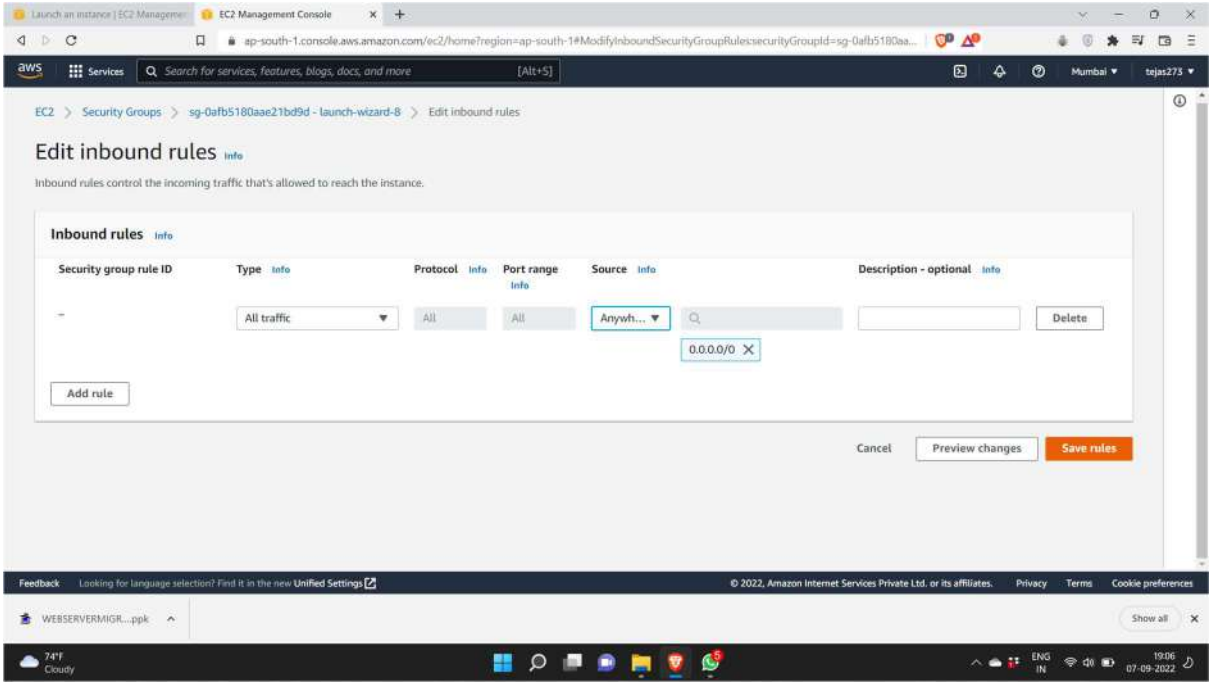


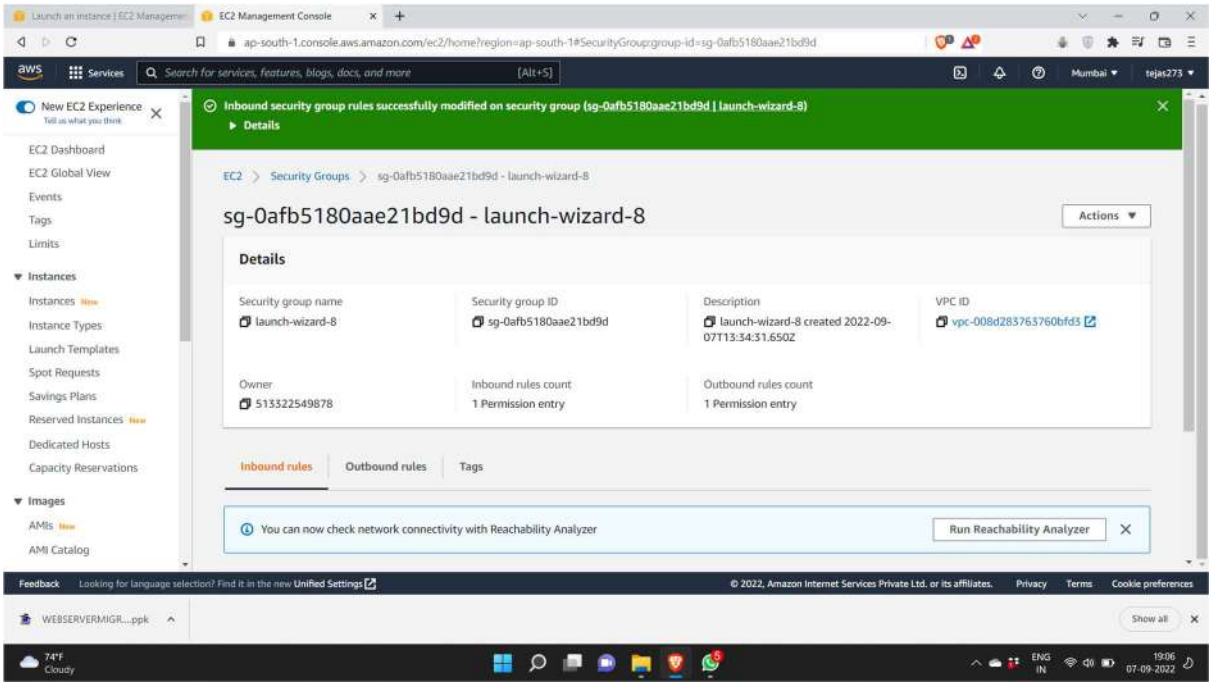


Instance created

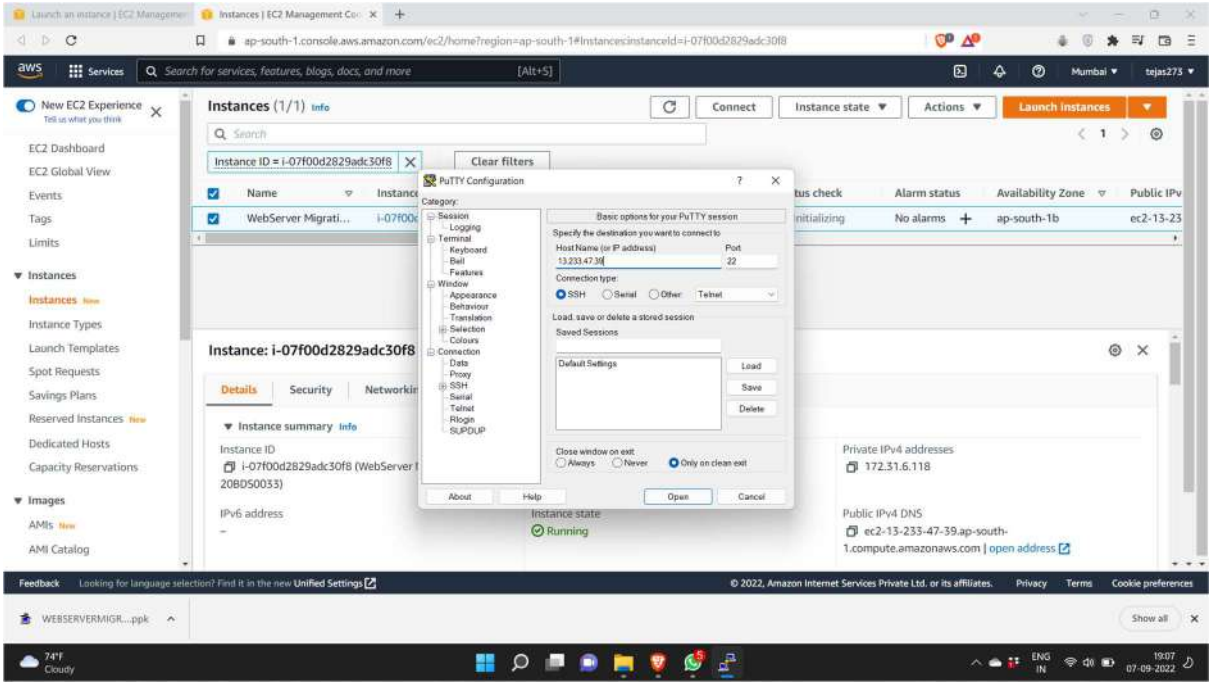


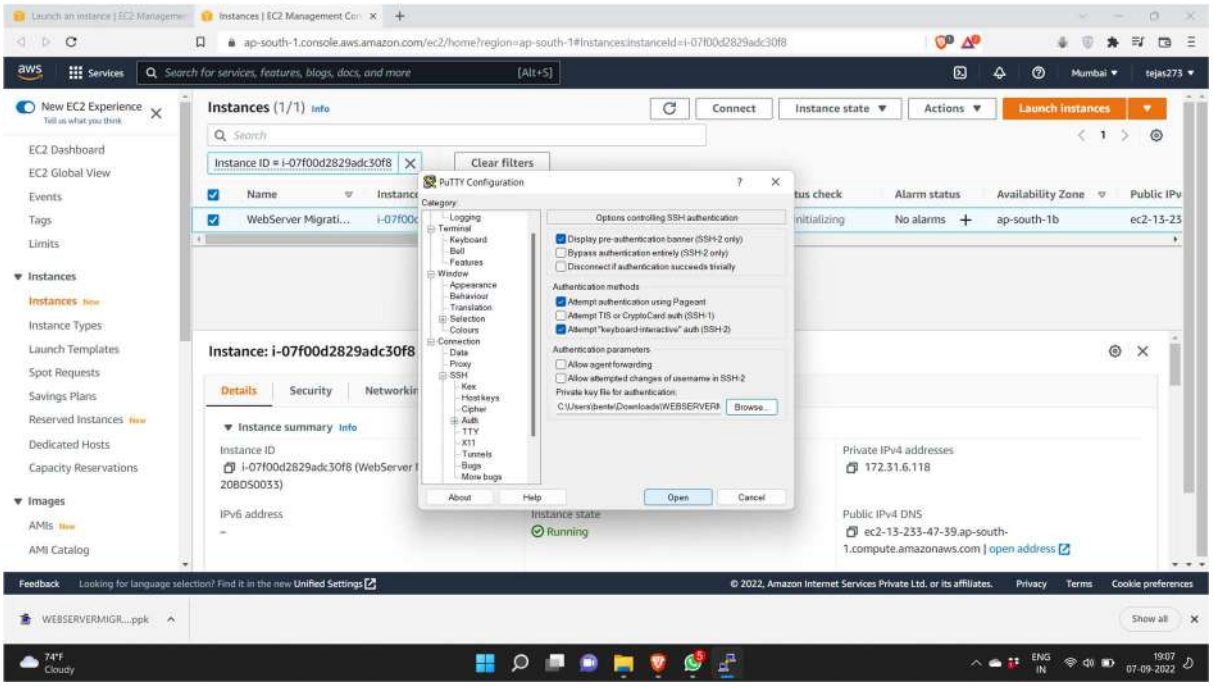
Edit Inbound Rules



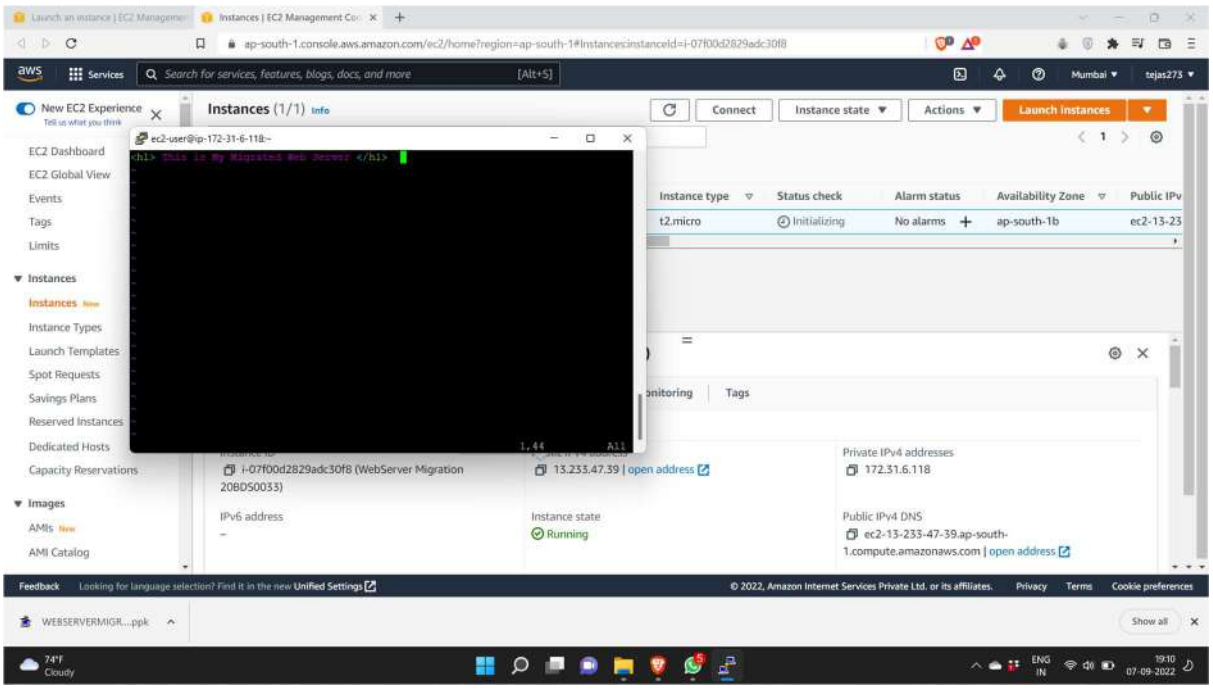


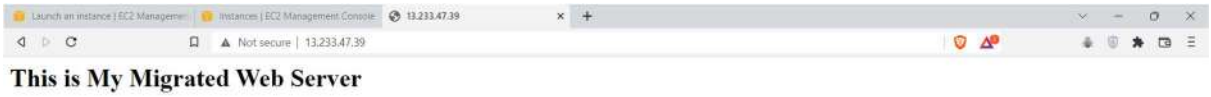
Add ip address to putty Host Name



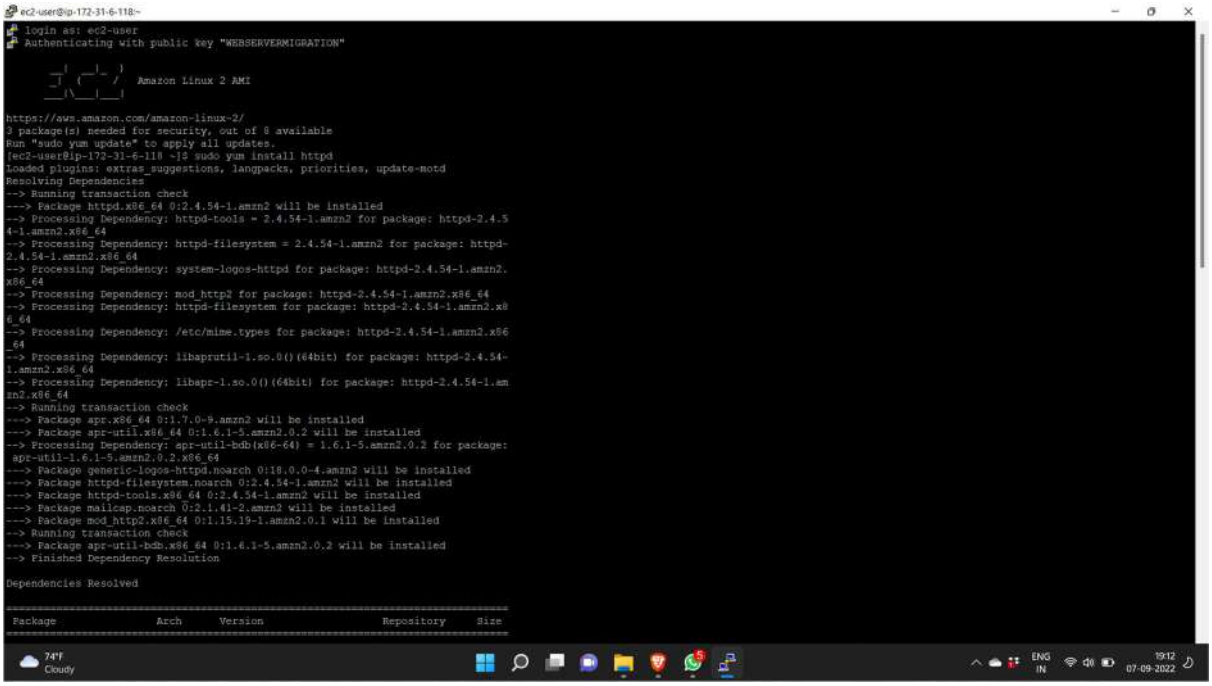


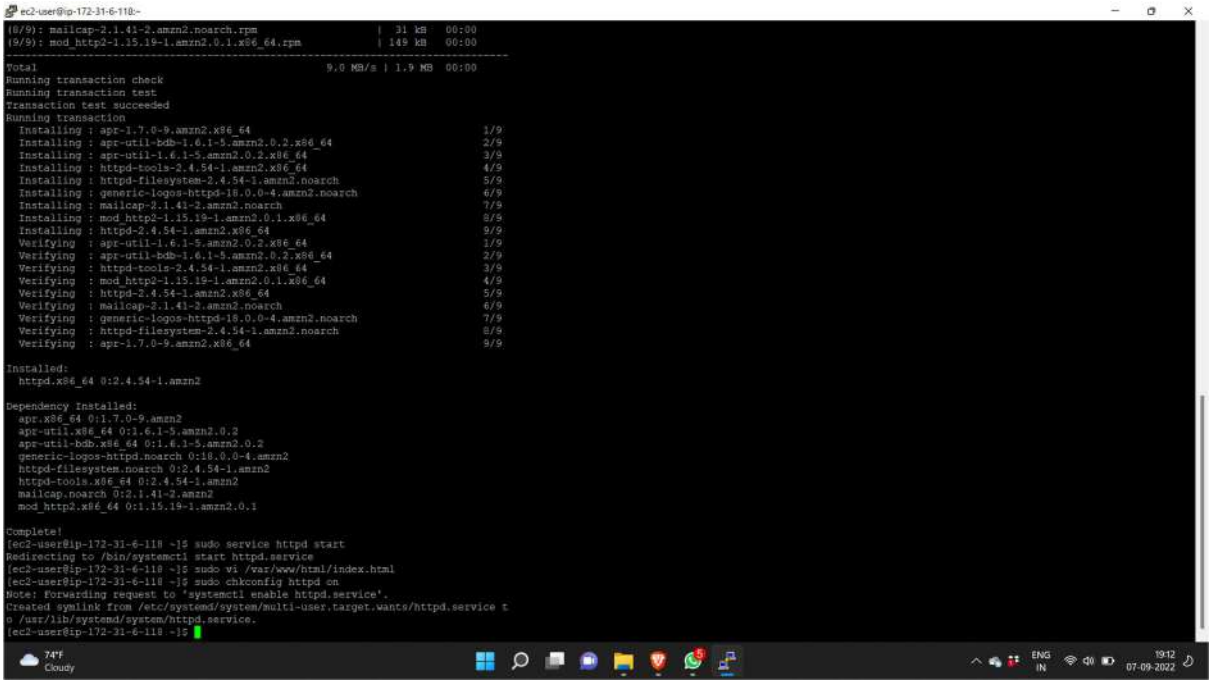
Putty terminal



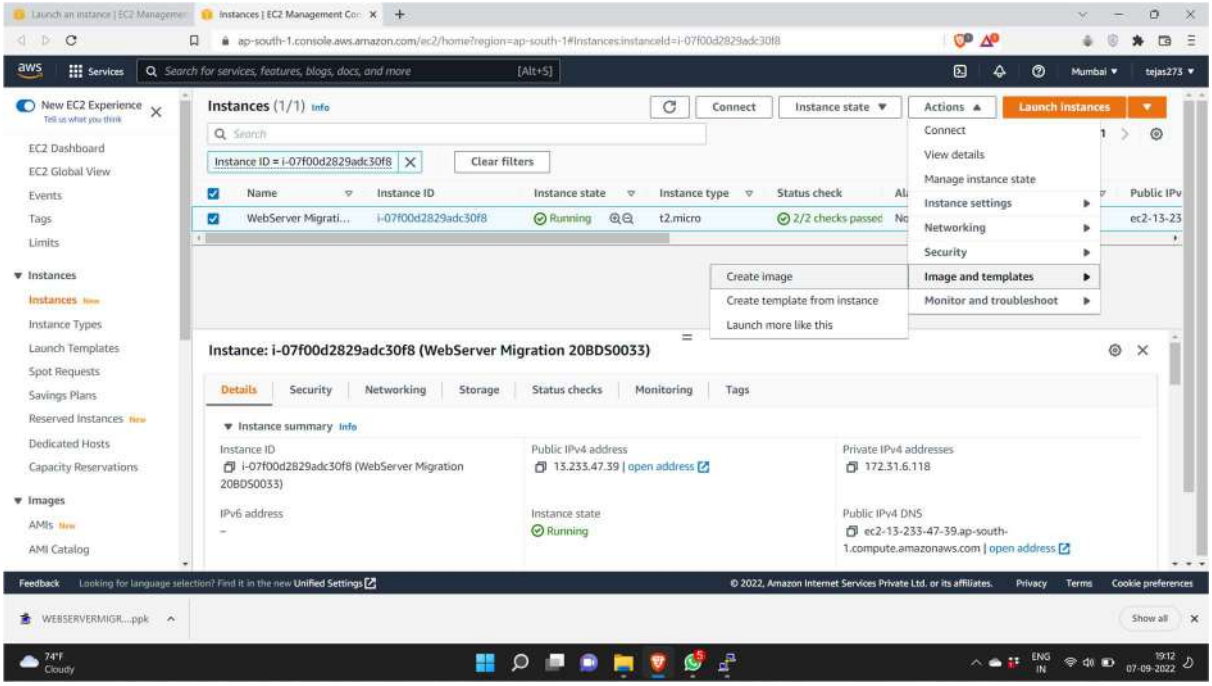


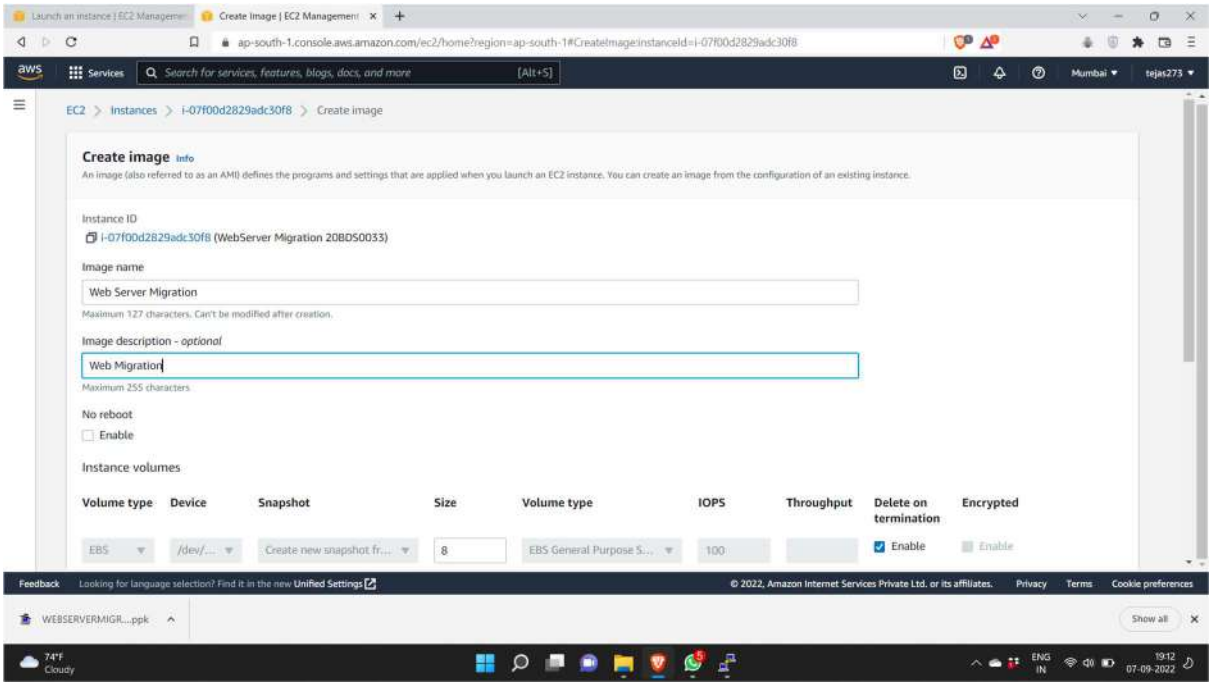
Commands in putty

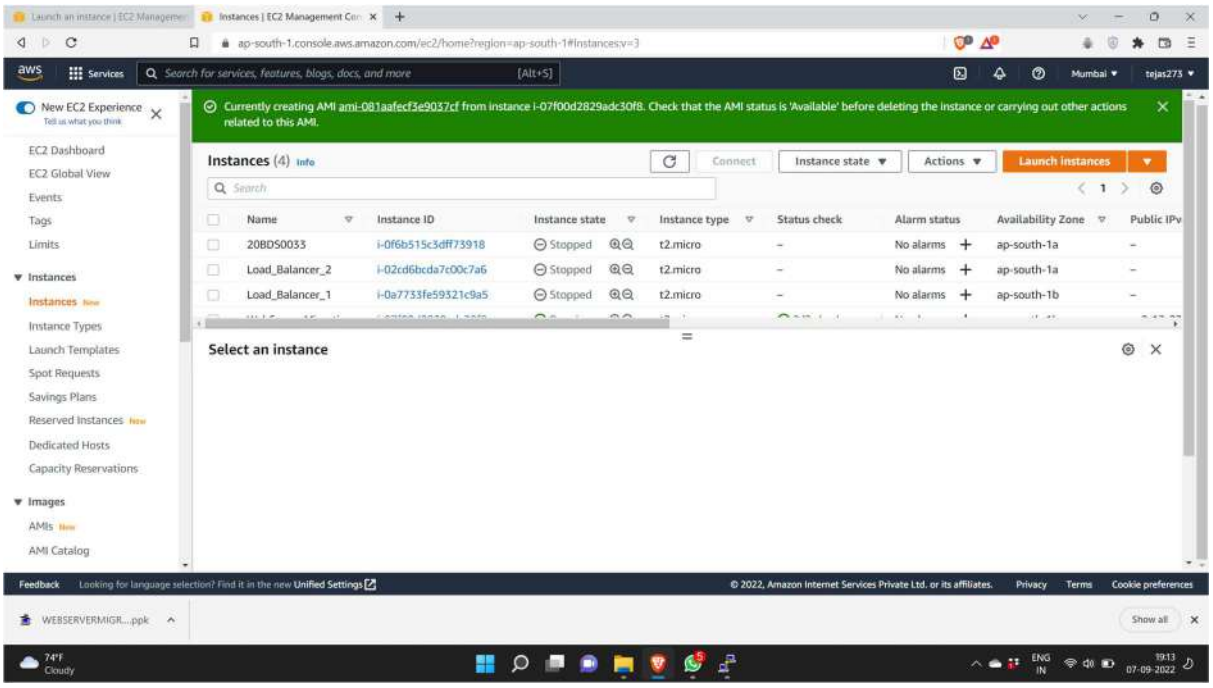


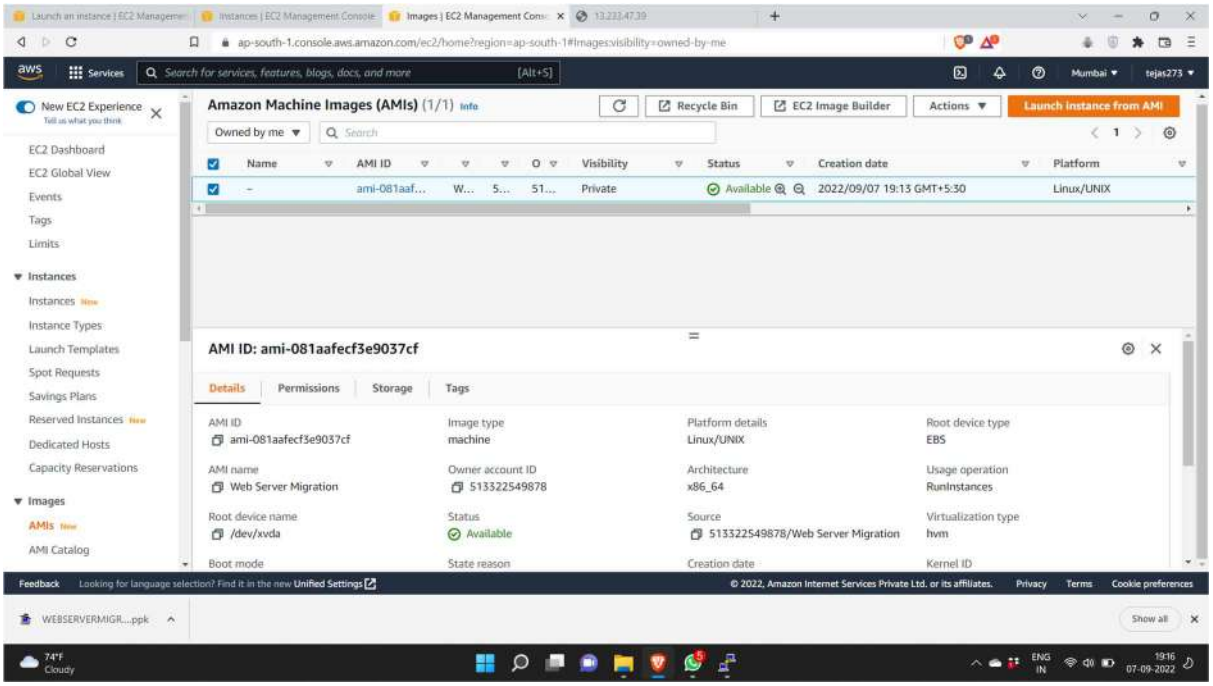


Create Image

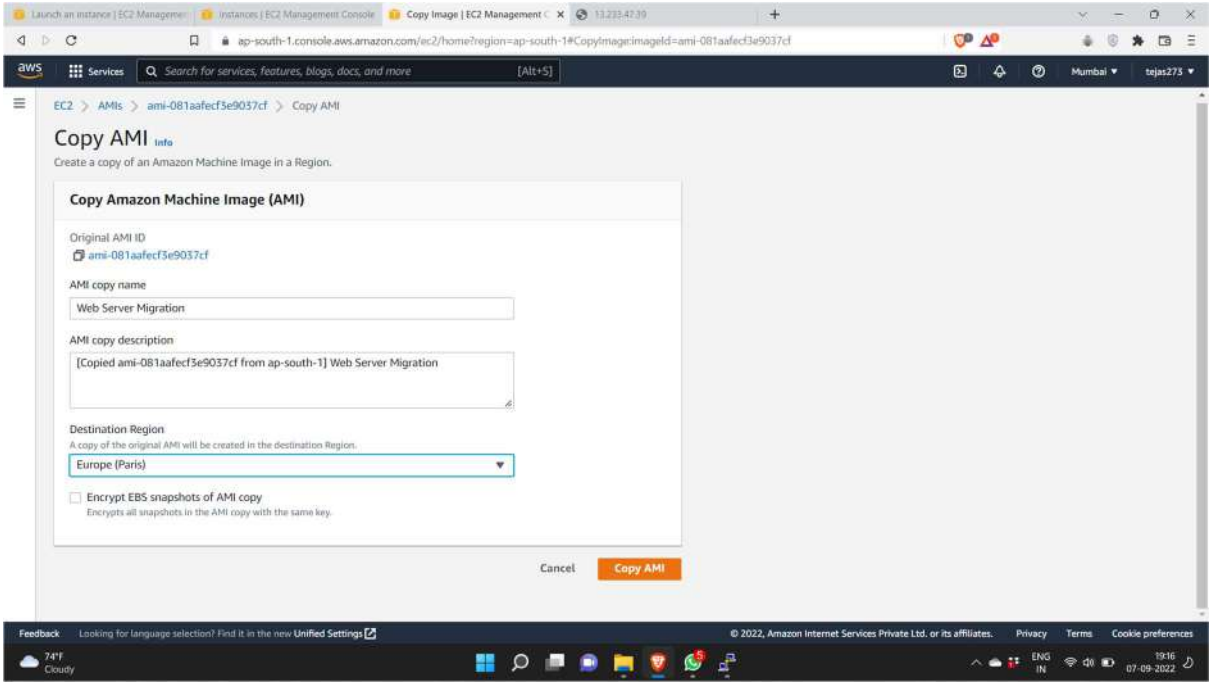


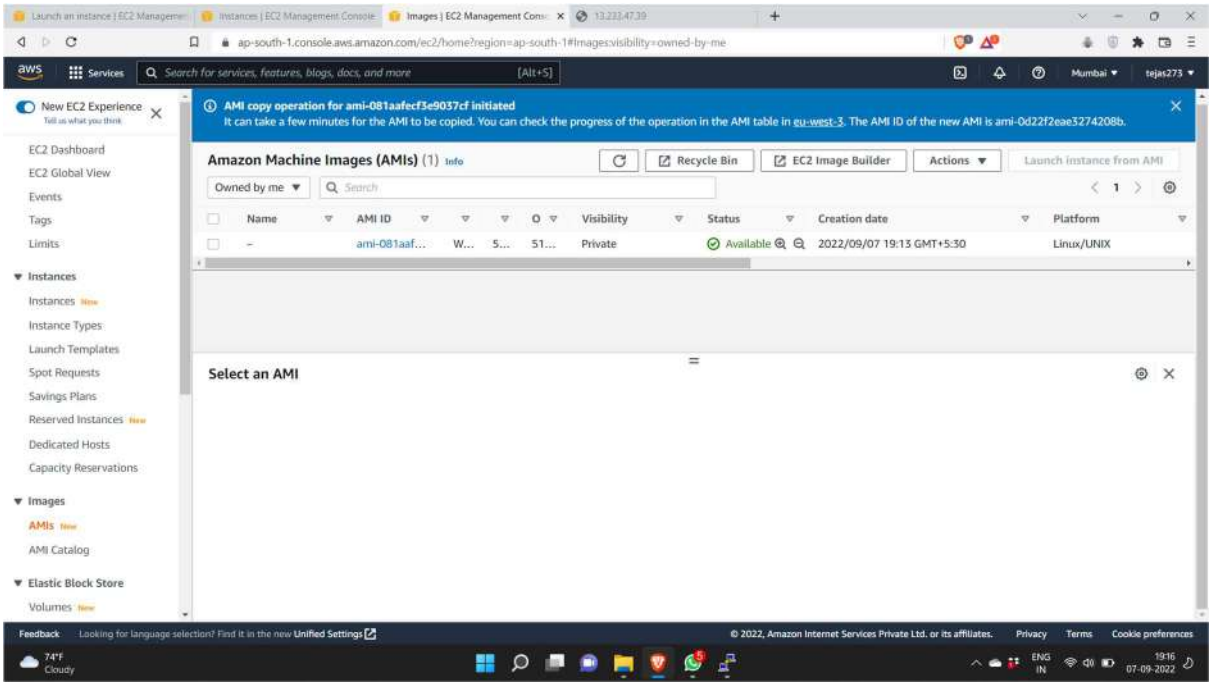

Launch an instance | EC2 Management
Create image | EC2 Management
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateImage:instanceId=i-07f00d2829adc30f8
Services
Search for services, features, blogs, docs, and more
[Alt+S]
Mumbai
tejas273
EC2 > Instances > i-07f00d2829adc30f8 > Create image
Create image Info
An image (also referred to as an AMI) defines the programs and settings that are applied when you launch an EC2 instance. You can create an image from the configuration of an existing instance.
Instance ID
i-07f00d2829adc30f8 (WebServer Migration 20BDS0033)
Image name
Web Server Migration
Maximum 127 characters. Can't be modified after creation.
Image description - optional
Web Migration
Maximum 255 characters
No reboot
Enable
Instance volumes
Volume type
Device
Snapshot
Size
Volume type
IOPS
Throughput
Delete on termination
Encrypted
EBS
/dev/...
Create new snapshot fr...
8
EBS General Purpose S...
100
Enable
Enable
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Internet Services Private Ltd. or its affiliates.
Privacy
Terms
Cookie preferences
WEBSERVERMIGR....ppk
Show all
74°F
Cloudy
ENG
IN
19:12
07-09-2022

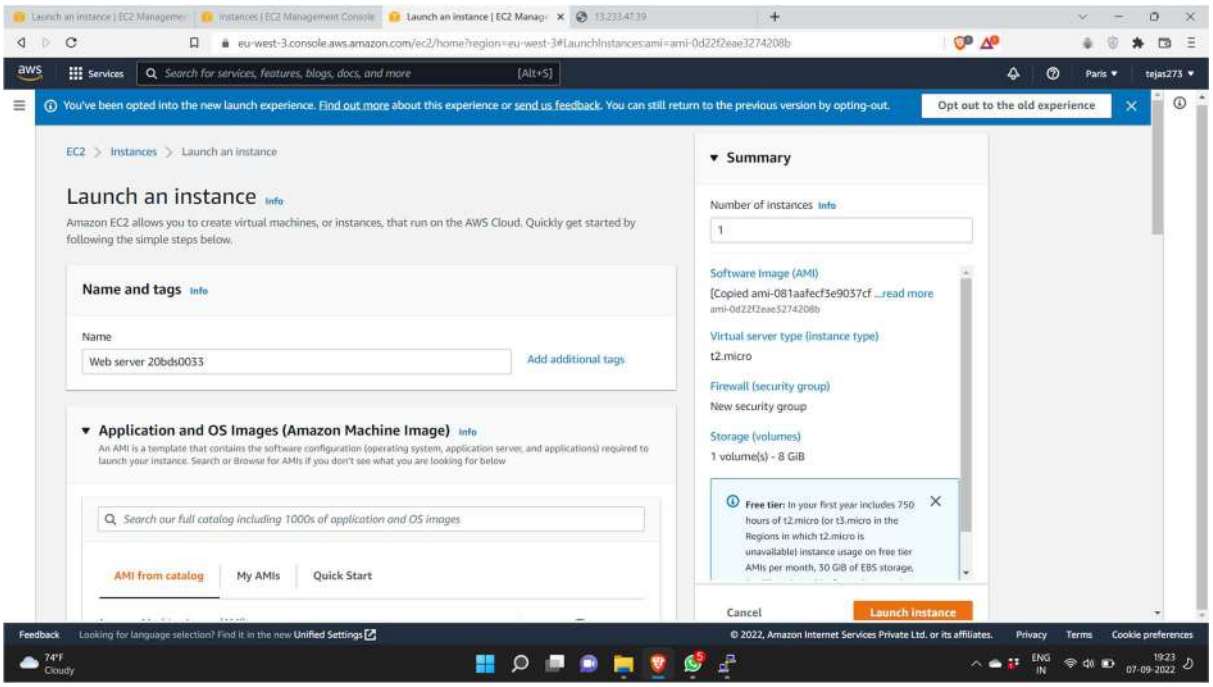

Instances | EC2 Management Con
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:v=3
Services
Search for services, features, blogs, docs, and more
[Alt+S]
Mumbai
tejas273
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Capacity Reservations
Images
AMIs New
AMI Catalog
Currently creating AMI ami-081aafecf3e9037cf from instance i-07f00d2829adc30f8. Check that the AMI status is 'Available' before deleting the instance or carrying out other actions related to this AMI.
Instances (4) Info
Connect
Instance state
Actions
Launch instances
Search
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv
20BDS0033
i-0f6b515c3dff73918
Stopped
t2.micro
No alarms
ap-south-1a
Load_Balancer_2
i-02cd6bcda7c00c7a6
Stopped
t2.micro
No alarms
ap-south-1a
Load_Balancer_1
i-0a7733fe59321c9a5
Stopped
t2.micro
No alarms
ap-south-1b
Select an instance
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Internet Services Private Ltd. or its affiliates.
Privacy
Terms
Cookie preferences
WEBSERVERMIGR....ppk
Show all
74°F
Cloudy
ENG
IN
19:13
07-09-2022

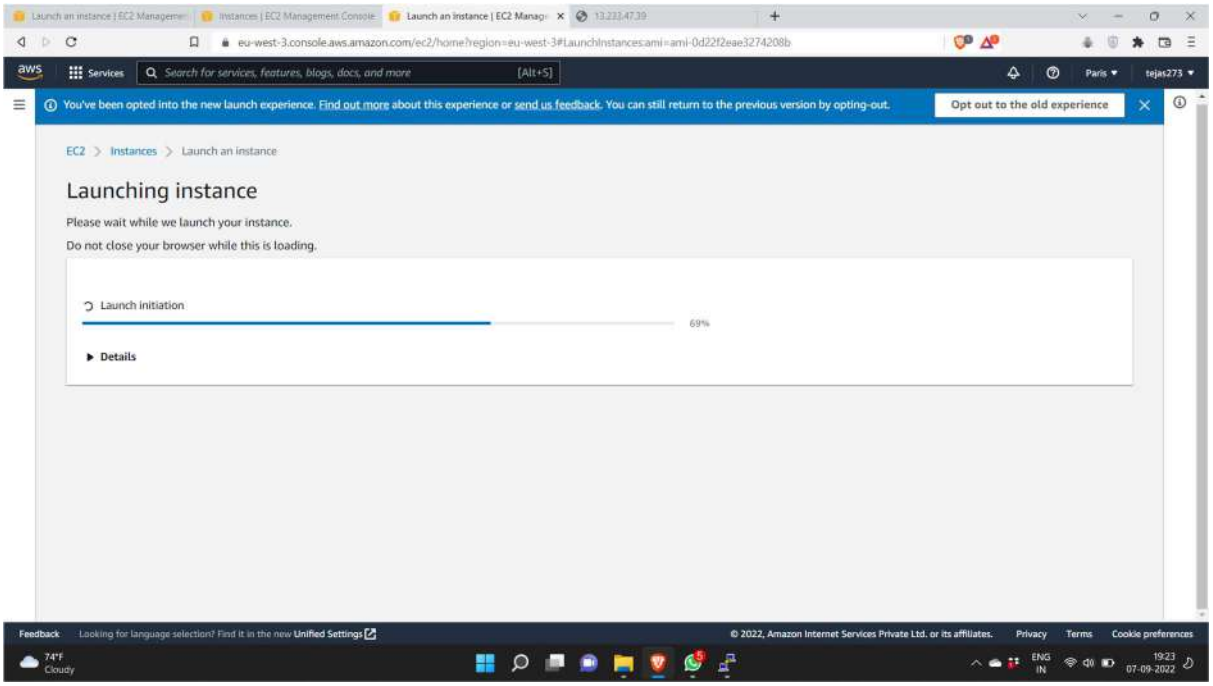

Amazon Machine Images (AMIs) (1/1) Info
Recycle Bin
EC2 Image Builder
Actions
Launch instance from AMI
Owned by me
Search
Name
AMI ID
Visibility
Status
Creation date
Platform
ami-081aaf...
Private
Available
2022/09/07 19:13 GMT+5:30
Linux/UNIX
AMI ID: ami-081aafecf3e9037cf
Details
Permissions
Storage
Tags
AMI ID
ami-081aafecf3e9037cf
Image type
machine
Platform details
Linux/UNIX
Root device type
EBS
AMI name
Web Server Migration
Owner account ID
513322549878
Architecture
x86_64
Usage operation
RunInstances
Root device name
/dev/xvda
Status
Available
Source
513322549878/Web Server Migration
Virtualization type
hvm
Boot mode
State reason
Creation date
Kernel ID

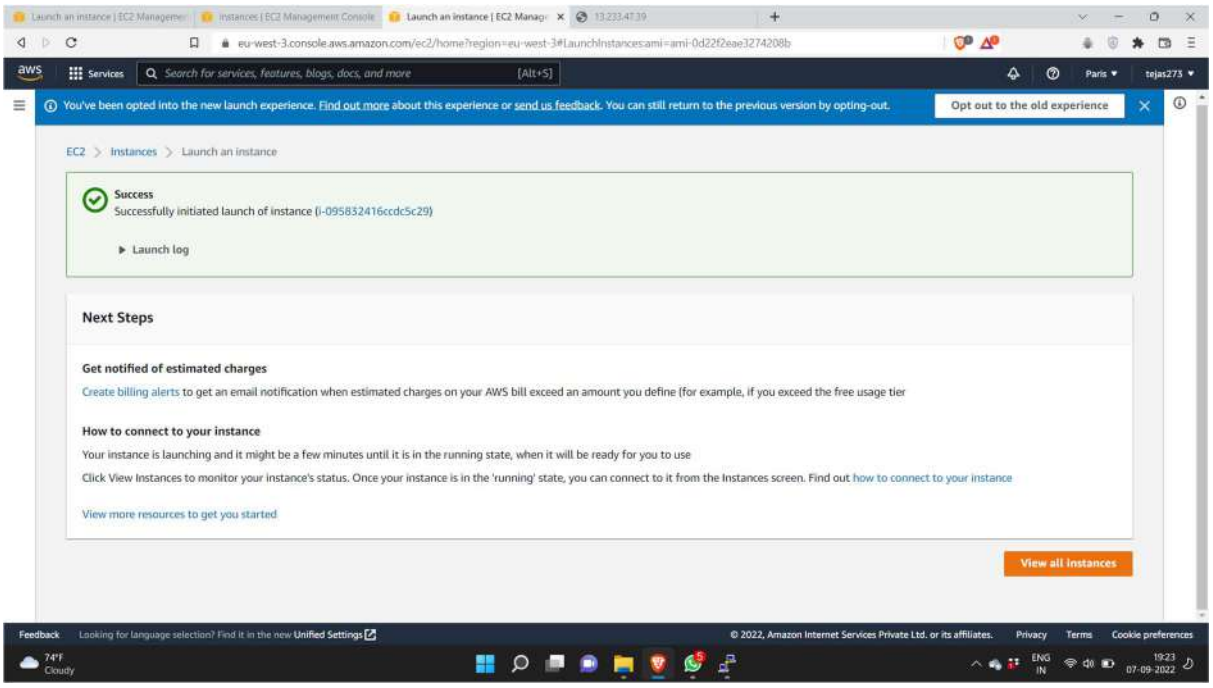
Copy AMI

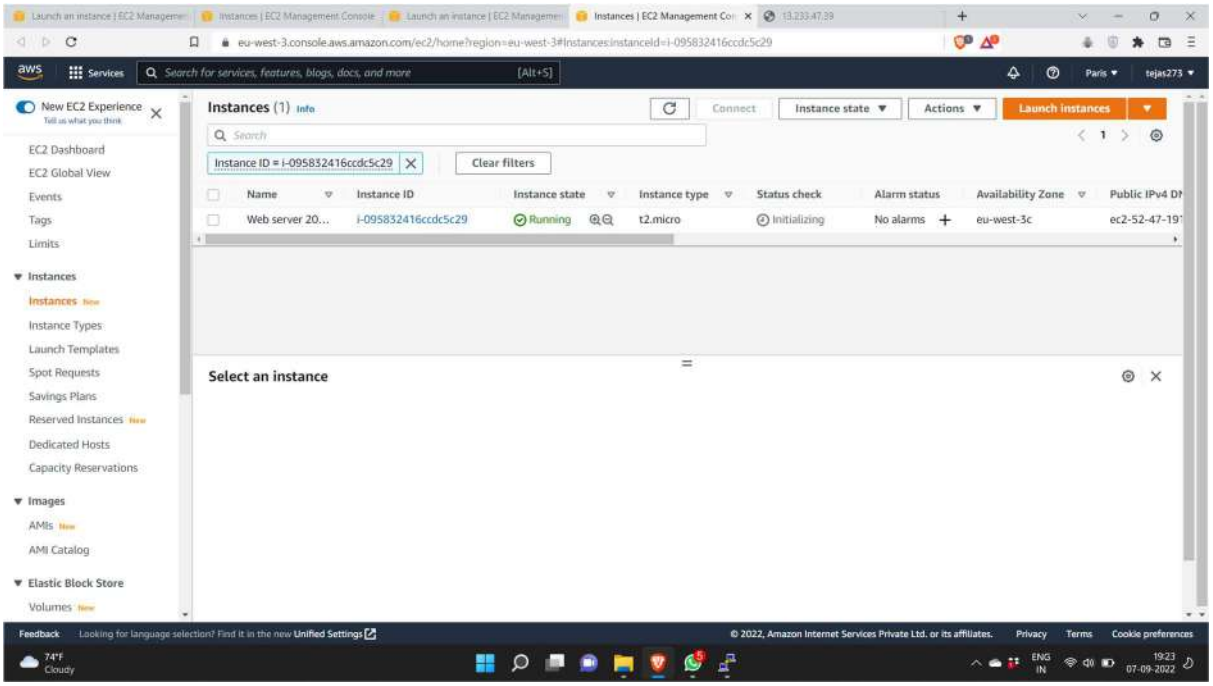

EC2 > AMIs > ami-081aafecf3e9037cf > Copy AMI
Copy AMI Info
Create a copy of an Amazon Machine Image in a Region.
Copy Amazon Machine Image (AMI)
Original AMI ID
ami-081aafecf3e9037cf
AMI copy name
Web Server Migration
AMI copy description
[Copied ami-081aafecf3e9037cf from ap-south-1] Web Server Migration
Destination Region
A copy of the original AMI will be created in the destination Region.
Europe (Paris)
Encrypt EBS snapshots of AMI copy
Encrypts all snapshots in the AMI copy with the same key.
Cancel
Copy AMI

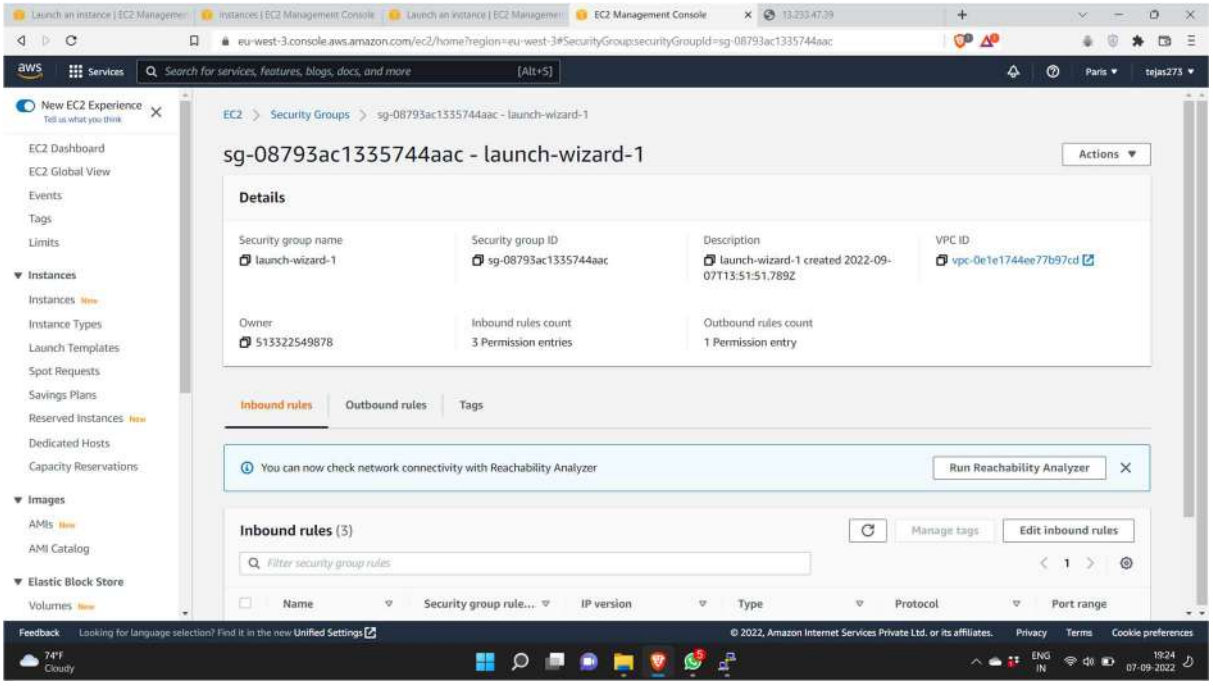

AMI copy operation for ami-081aafecf3e9037cf initiated
It can take a few minutes for the AMI to be copied. You can check the progress of the operation in the AMI table in eu-west-3. The AMI ID of the new AMI is ami-0d22f2eae3274208b.
Amazon Machine Images (AMIs) (1) Info
Recycle Bin
EC2 Image Builder
Actions
Launch instance from AMI
Owned by me
Name
AMI ID
Visibility
Status
Creation date
Platform
ami-081aaf...
Private
Available
2022/09/07 19:13 GMT+5:30
Linux/UNIX
Select an AMI


You've been opted into the new launch experience. Find out more about this experience or send us feedback. You can still return to the previous version by opting-out.
Opt out to the old experience
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
Web server 20bds0033
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
AMI from catalog
My AMIs
Quick Start
Summary
Number of instances Info
1
Software Image (AMI)
[Copied ami-081aafecf3e9037cf ...read more
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage,
Cancel
Launch instance

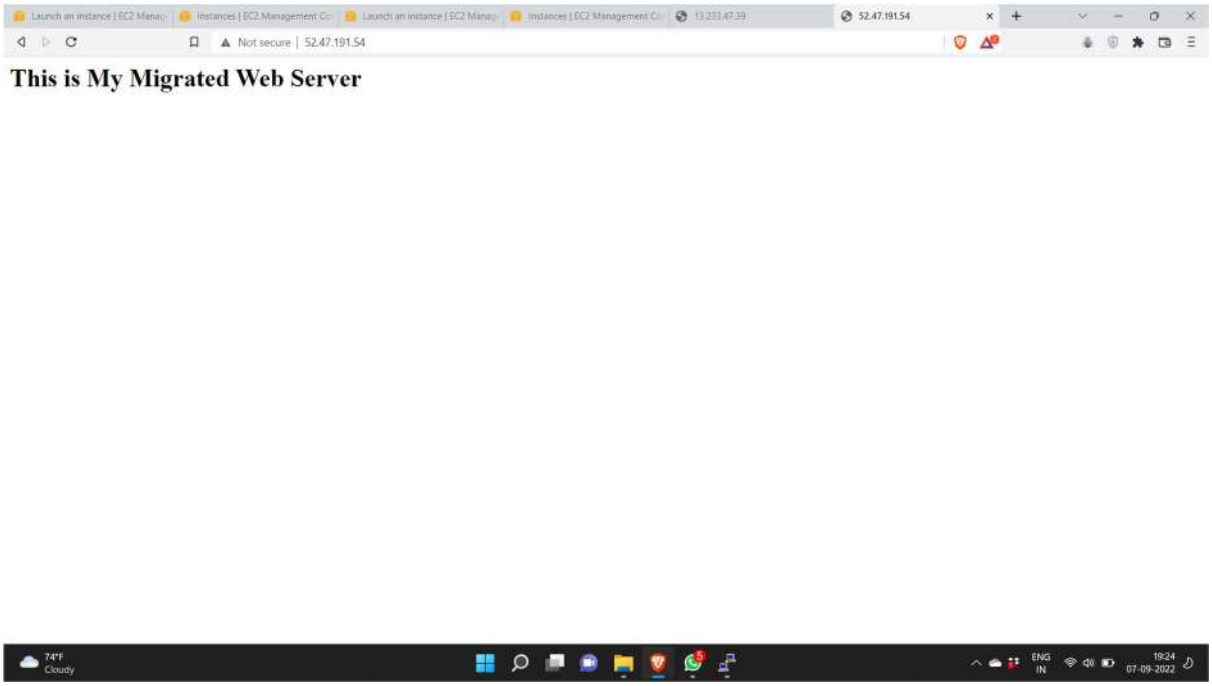

eu-west-3.console.aws.amazon.com/ec2/home?region=eu-west-3#LaunchInstances:ami=ami-0d22f2eae3274208b
Services
Search for services, features, blogs, docs, and more [Alt+S]
Paris
tejas273
You've been opted into the new launch experience. Find out more about this experience or send us feedback. You can still return to the previous version by opting-out.
Opt out to the old experience
EC2 > Instances > Launch an instance
Launching instance
Please wait while we launch your instance.
Do not close your browser while this is loading.
Launch initiation
69%
Details
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Internet Services Private Ltd. or its affiliates.
Privacy
Terms
Cookie preferences
74°F
Cloudy
ENG
IN
19:23
07-09-2022


eu-west-3.console.aws.amazon.com/ec2/home?region=eu-west-3#LaunchInstances:ami=ami-0d22f2eae3274208b
Services
Search for services, features, blogs, docs, and more [Alt+S]
Paris
tejas273
You've been opted into the new launch experience. Find out more about this experience or send us feedback. You can still return to the previous version by opting-out.
Opt out to the old experience
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-095832416ccdc5c29)
Launch log
Next Steps
Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier
How to connect to your instance
Your instance is launching and it might be a few minutes until it is in the running state, when it will be ready for you to use
Click View Instances to monitor your instance's status. Once your instance is in the 'running' state, you can connect to it from the Instances screen. Find out how to connect to your instance
View more resources to get you started
View all Instances
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Internet Services Private Ltd. or its affiliates.
Privacy
Terms
Cookie preferences
74°F
Cloudy
ENG
IN
19:23
07-09-2022


Instances (1) Info
Connect
Instance state
Actions
Launch instances
Instance ID = i-095832416ccdc5c29
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Web server 20...
i-095832416ccdc5c29
Running
t2.micro
Initializing
No alarms
eu-west-3c
Select an instance


sg-08793ac1335744aac - launch-wizard-1
Actions
Details
Security group name
launch-wizard-1
Security group ID
sg-08793ac1335744aac
Description
launch-wizard-1 created 2022-09-07T13:51:51.789Z
VPC ID
vpc-0e1e1744ee77b97cd
Owner
513322549878
Inbound rules count
3 Permission entries
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Inbound rules (3)
Manage tags
Edit inbound rules
Name
Security group rule...
IP version
Type
Protocol
Port range

Output:


Launch an instance | EC2 Manag
Instances | EC2 Management Co
Launch an instance | EC2 Manag
Instances | EC2 Management Co
13.233.47.39
52.47.191.54
Not secure | 52.47.191.54
This is My Migrated Web Server
74°F
Cloudy
ENG
IN
19:24
07-09-2022