AWS-Cloud

Presented by
J.H.Mahalakshmi,
Pragati Engineering College,
IV-IT

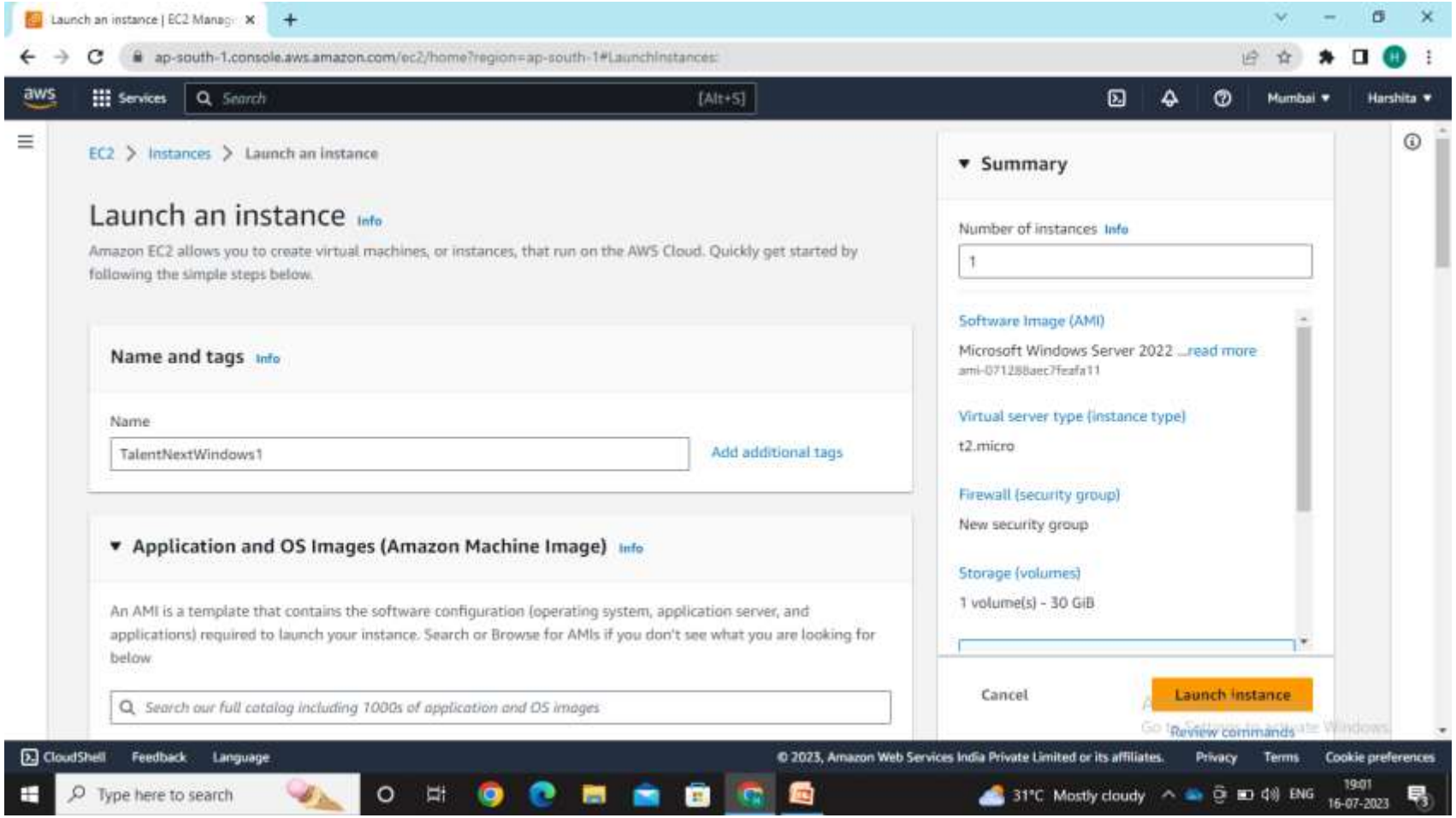
Agenda

TASK-2

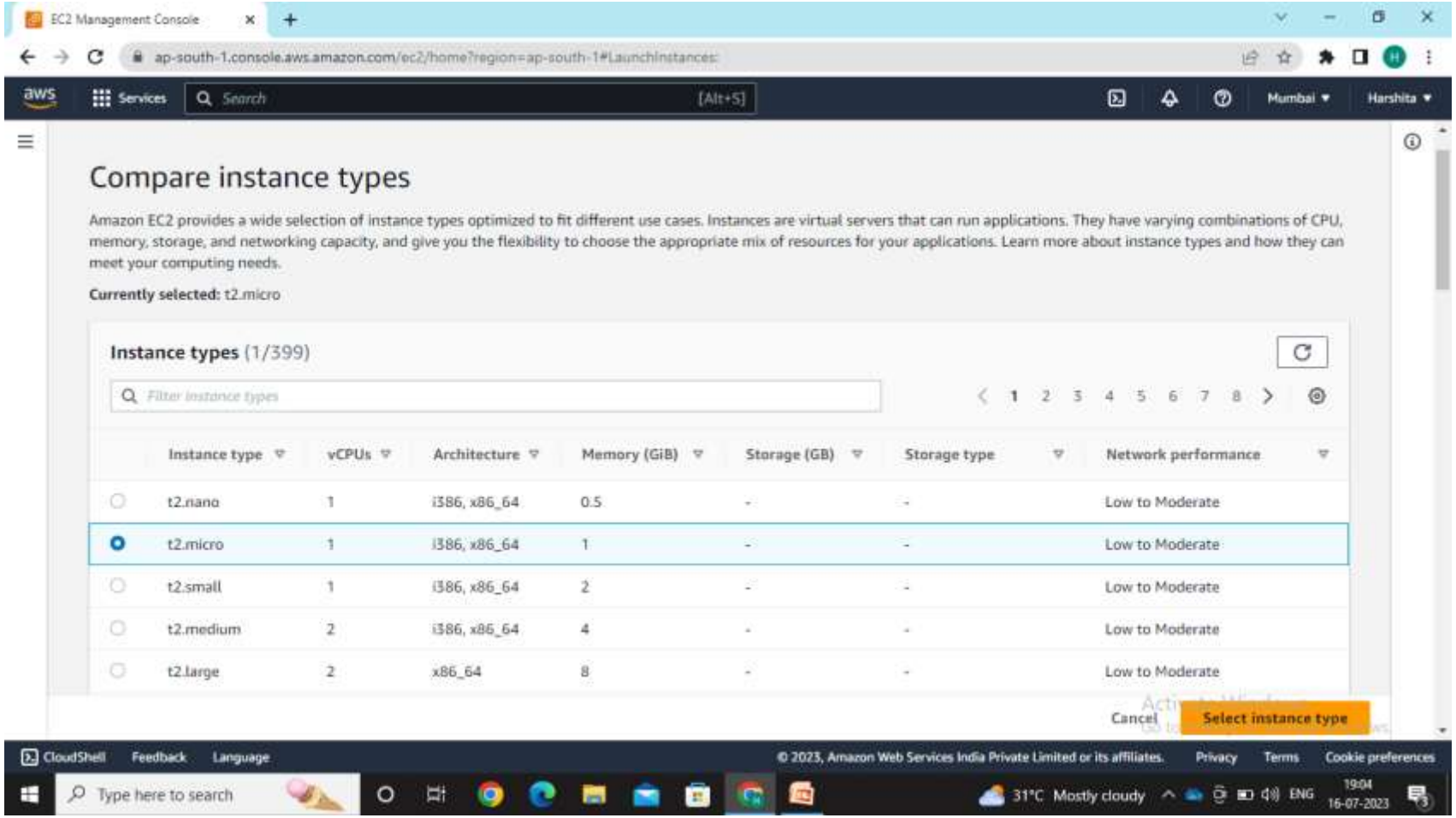
1. Create windows free tier EC2 instance
2. Install IIS webserver on it
3. Deploy personal website website on it
4. Terminate EC2 instance

Simply how to create AWS Windows EC2 instance and deploy a website on IIS

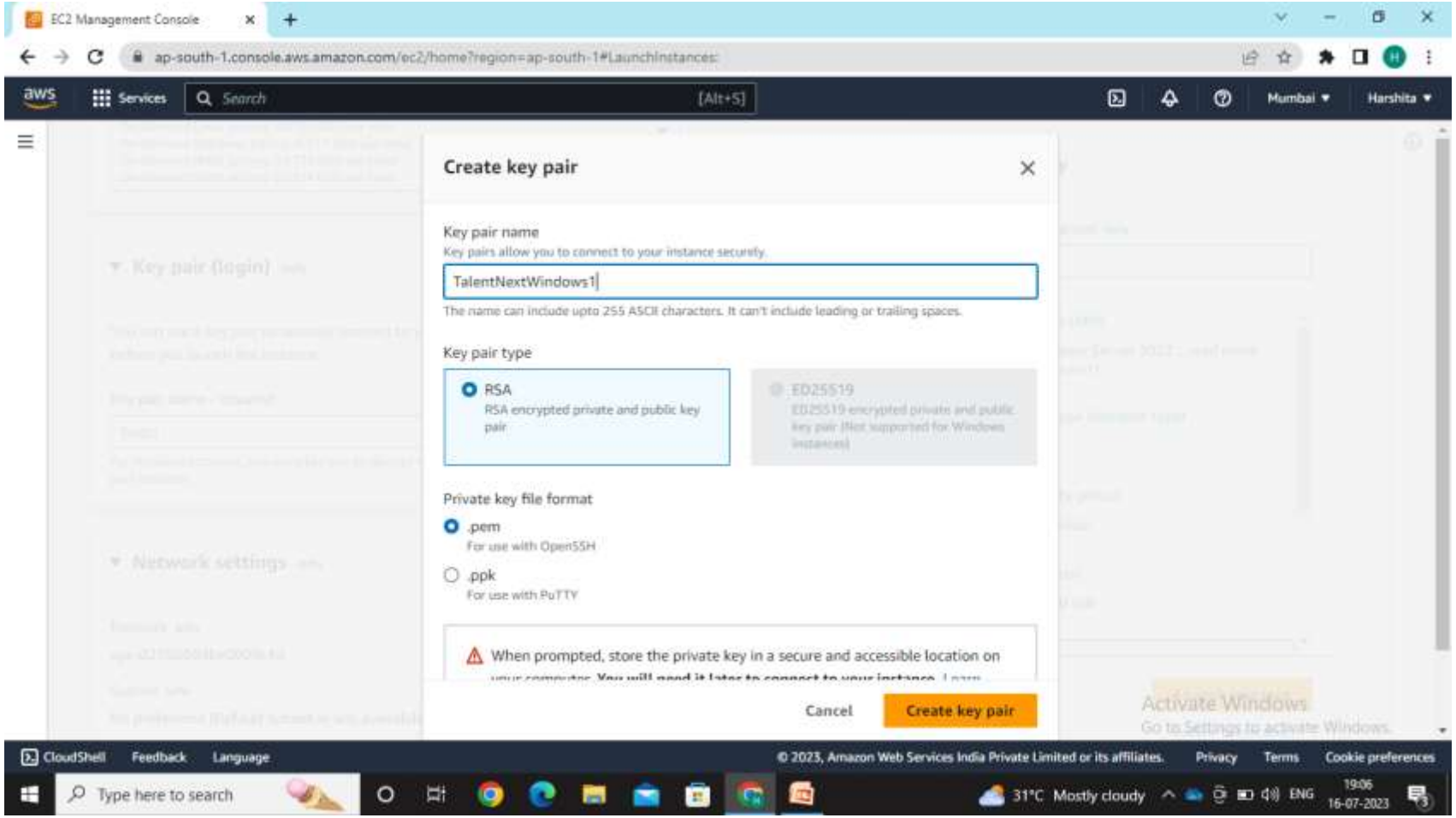
AWS-Cloud Console->services->compute->EC2->Launch Instance
Name & Tag be TalentNextWindows2
AMI->**Microsoft Windows Server 2022 Base**



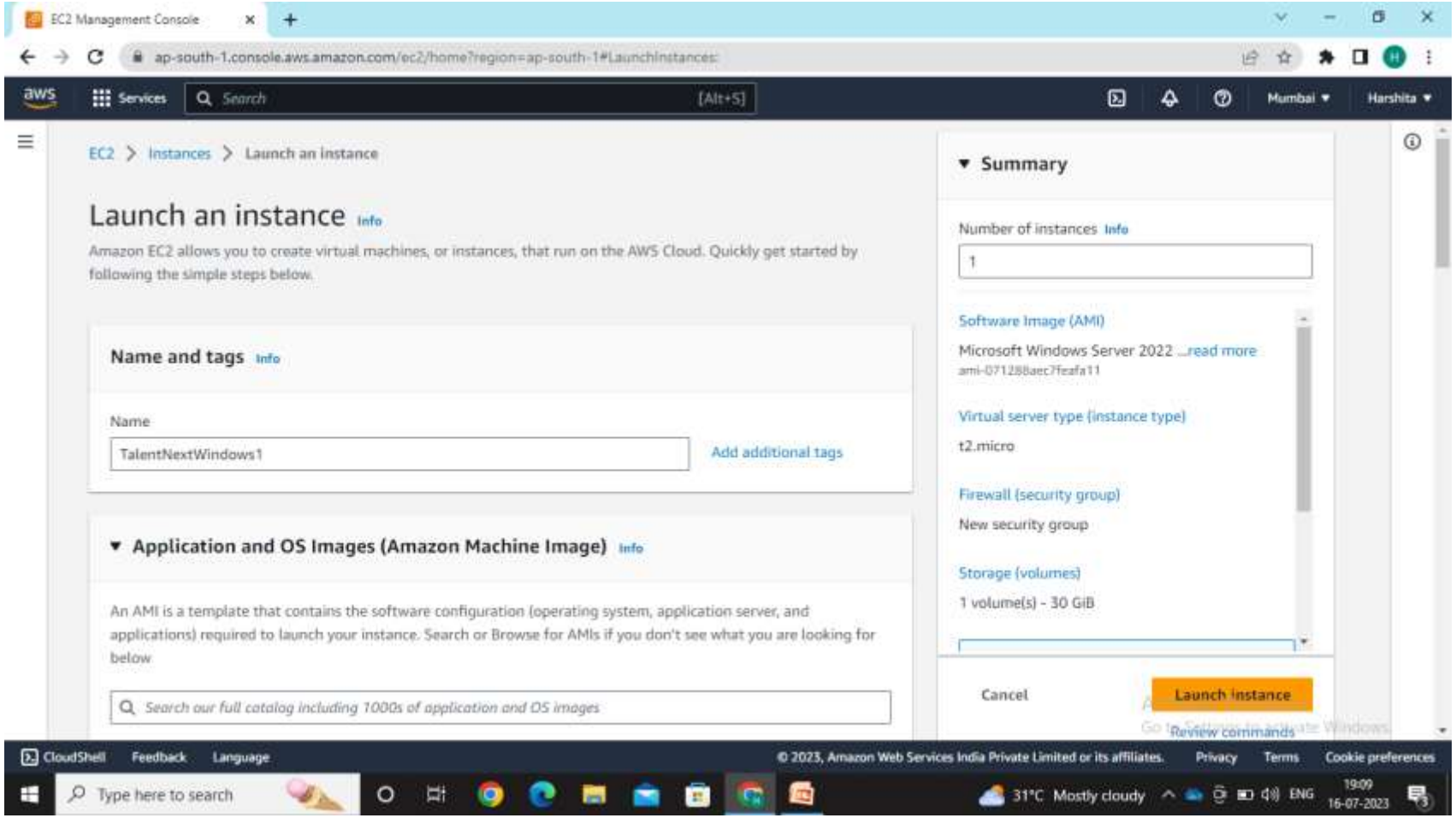
Select instance type as t2.micro and click on select instance type



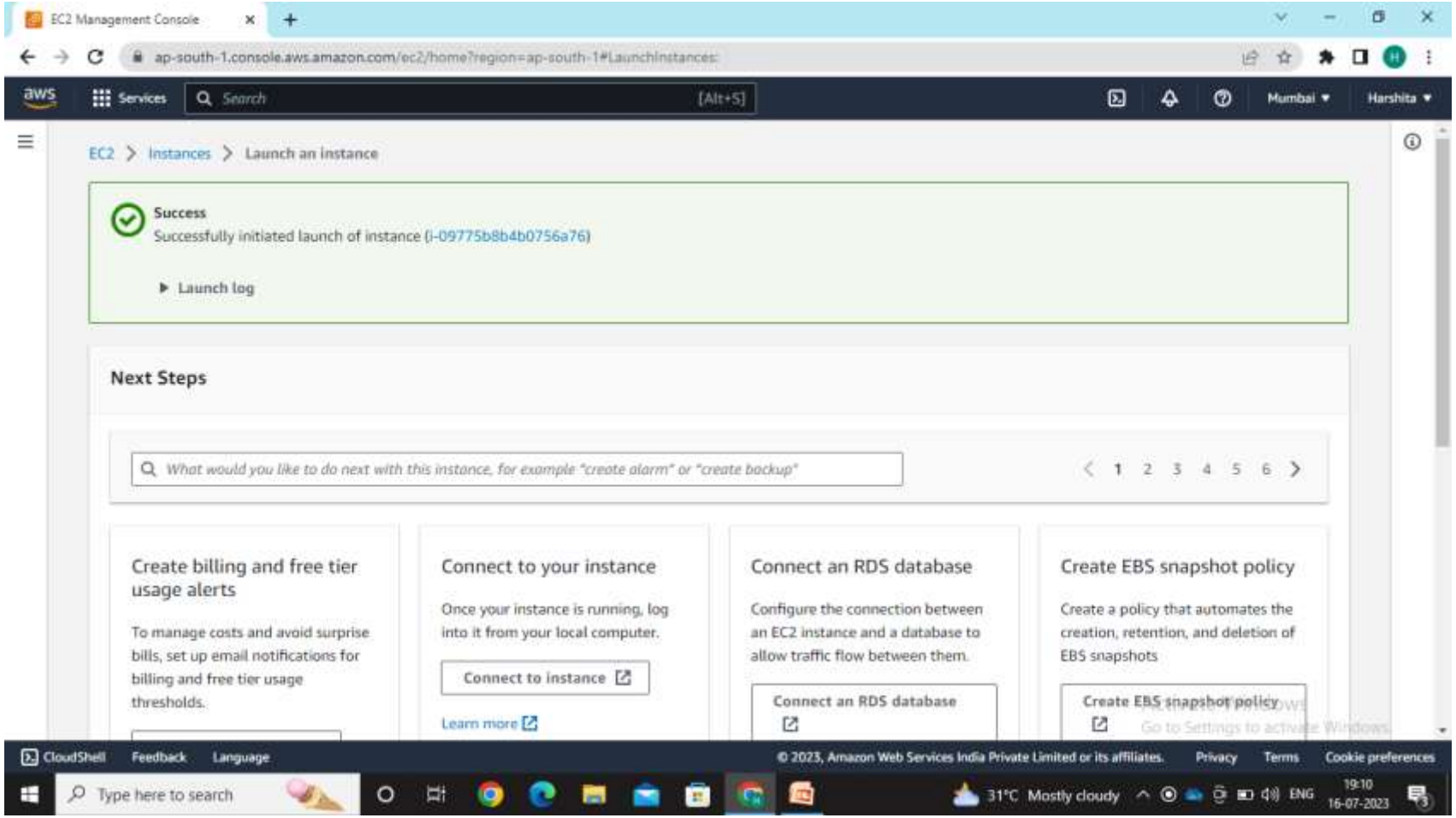
Key pair(login)->create key pair->key pair name->create key pair
Then the key pair will be downloaded in to our system

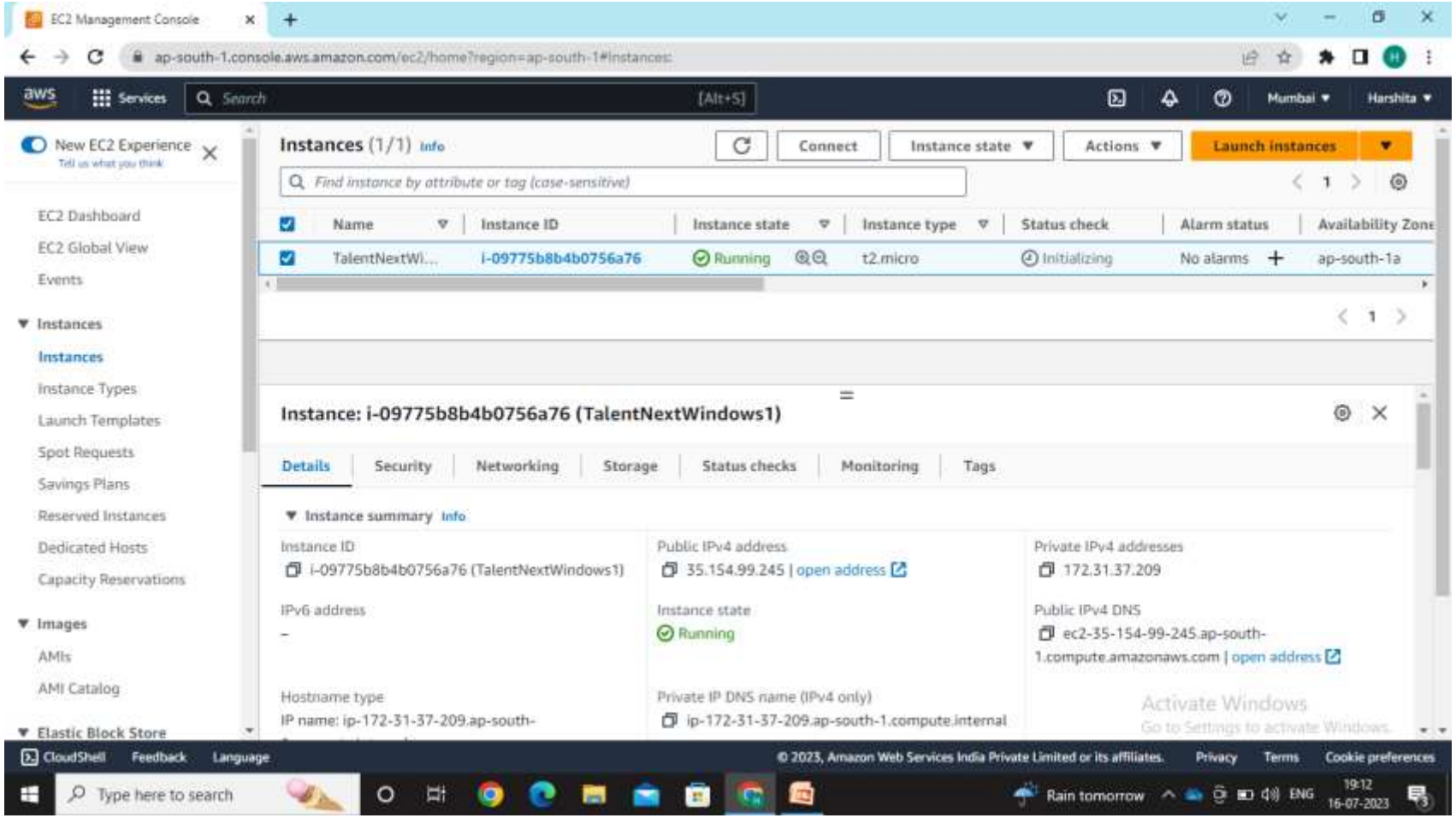


Keep network settings,Configure storage and avance details as default as in the instance.
Then click on Launch Instance in the summary

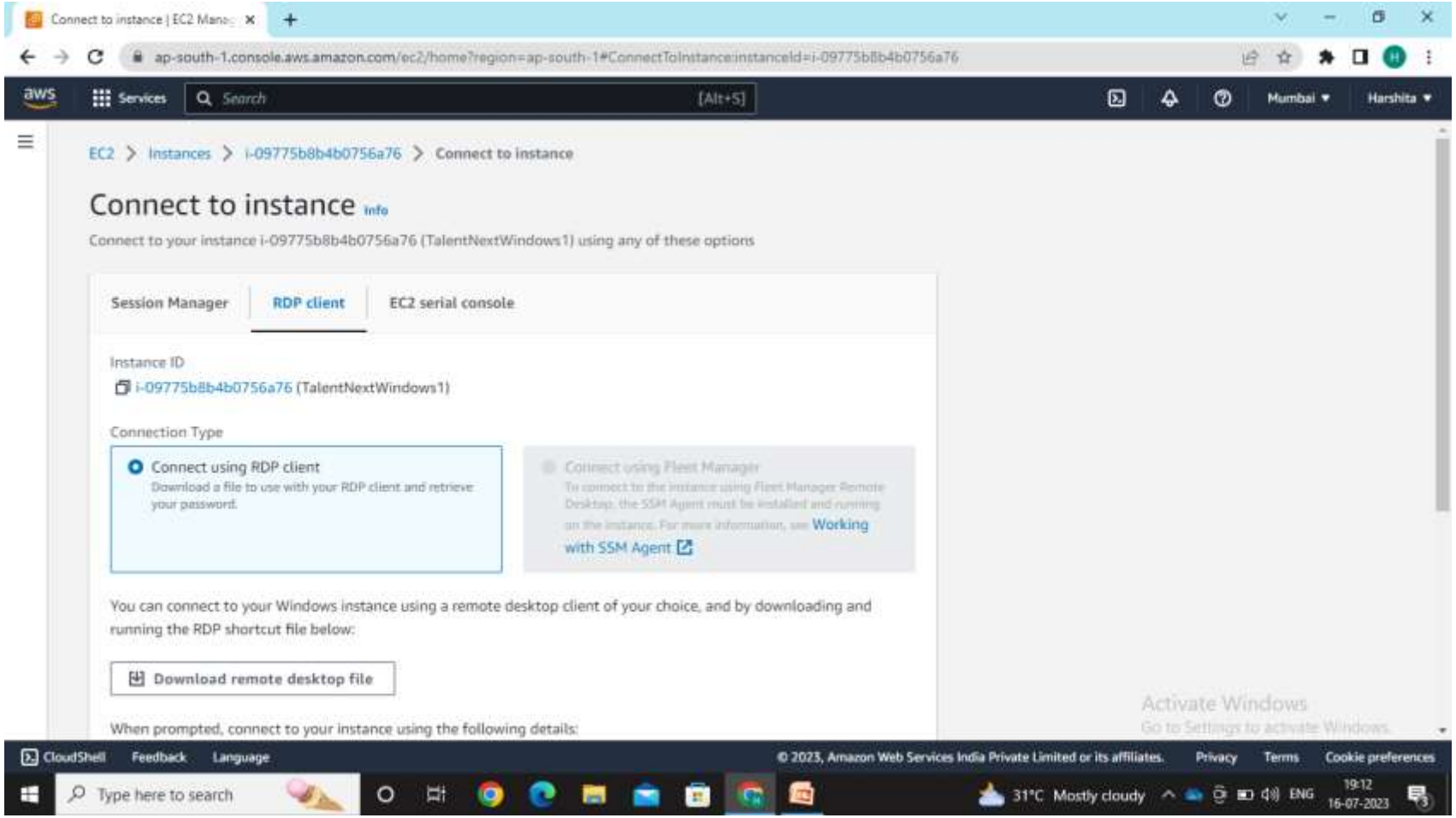


Our instance has been successfully created

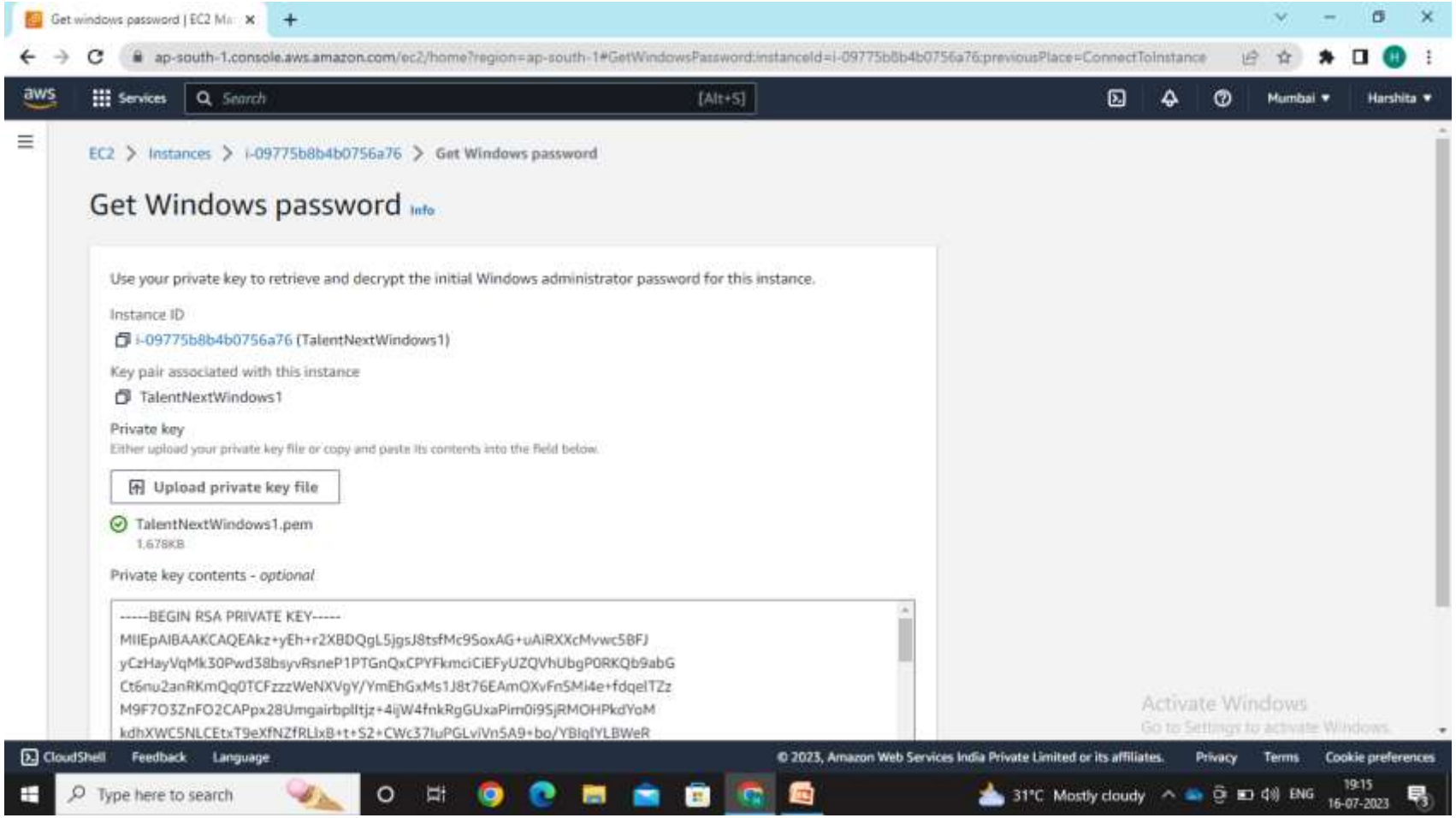



EC2 Management Console
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:
aws
Services
Search
[Alt+S]
Mumbai
Harshita
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
TalentNextWi...
i-09775b8b4b0756a76
Running
t2.micro
Initializing
No alarms
ap-south-1a
Instance: i-09775b8b4b0756a76 (TalentNextWindows1)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-09775b8b4b0756a76 (TalentNextWindows1)
IPv6 address
-
Hostname type
IP name: ip-172-31-37-209.ap-south-
Public IPv4 address
35.154.99.245 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-37-209.ap-south-1.compute.internal
Private IPv4 addresses
172.31.37.209
Public IPv4 DNS
ec2-35-154-99-245.ap-south-1.compute.amazonaws.com | open address
Activate Windows
Go to Settings to activate Windows.
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
Rain tomorrow
ENG
19:12
16-07-2023

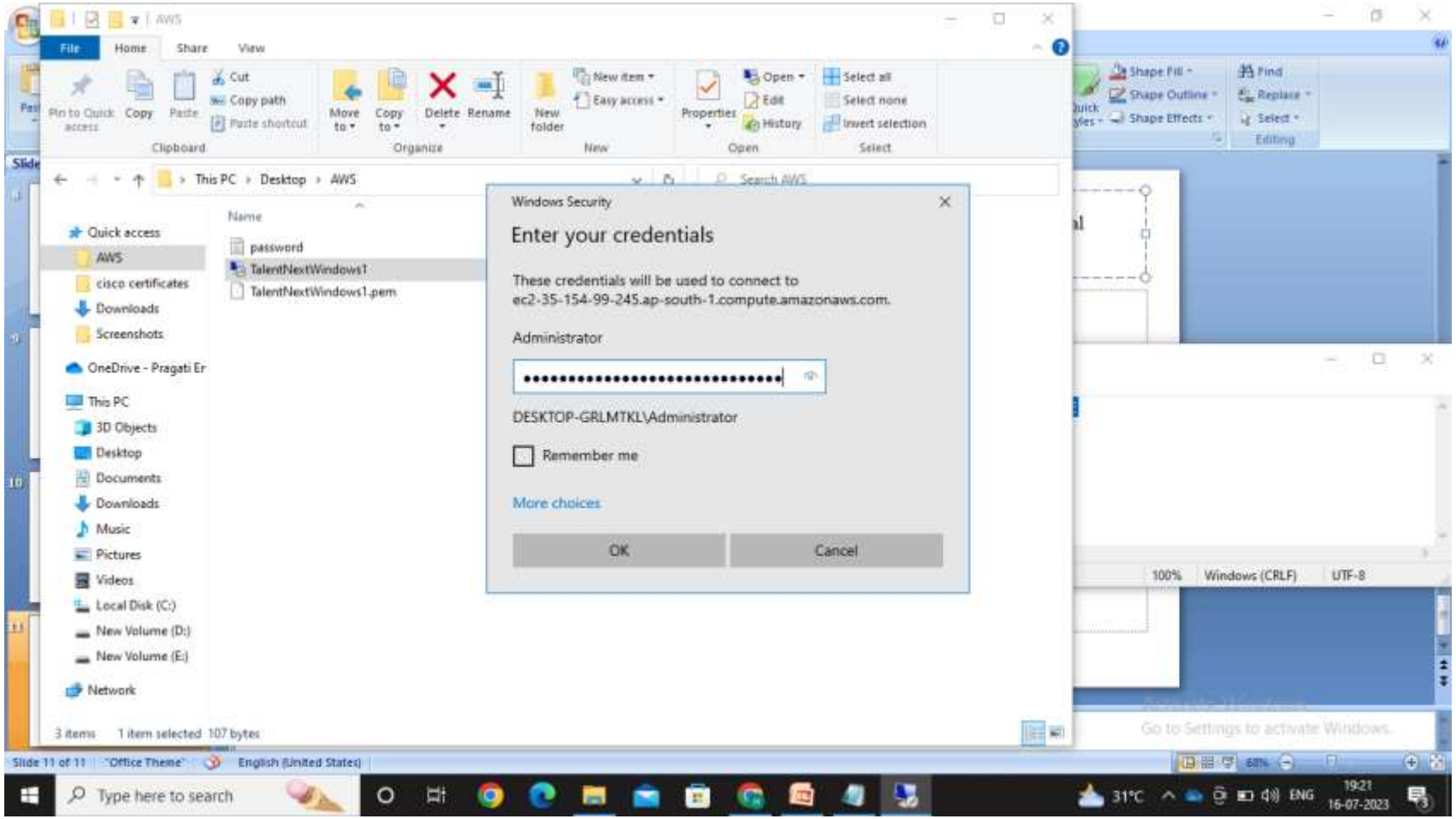
Now connnect to instance->RDP Clinet->Downlaod Remote desktop file->Click on Get Password as scroll down the window



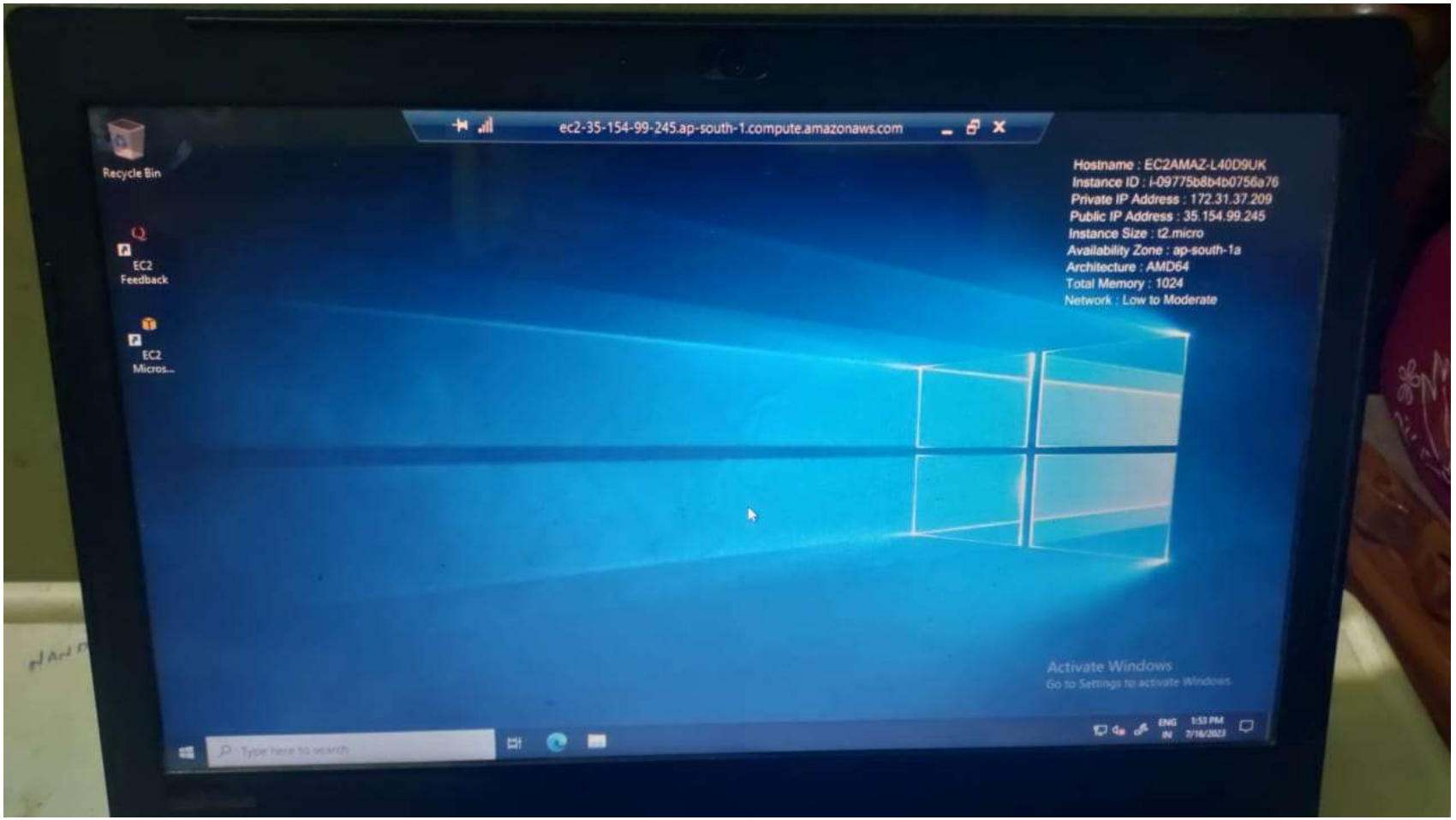
Get password->uplaod private key file that we downloaded before at key pair(login) ->click decrypt password->copy the password and store it in your device somewhere



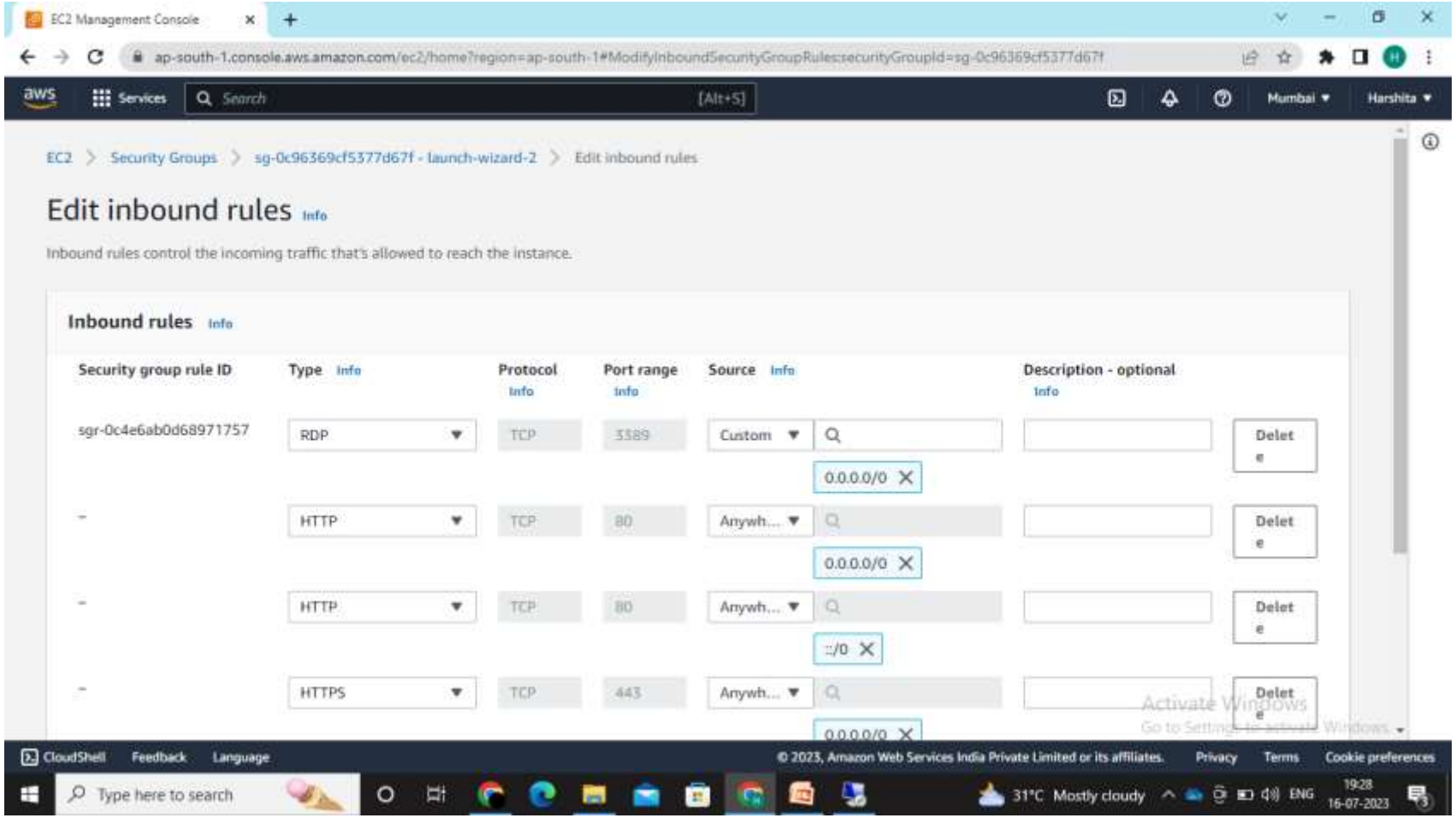
Now open the download desktop file using the password then the virtual machine will be opened in the local system.



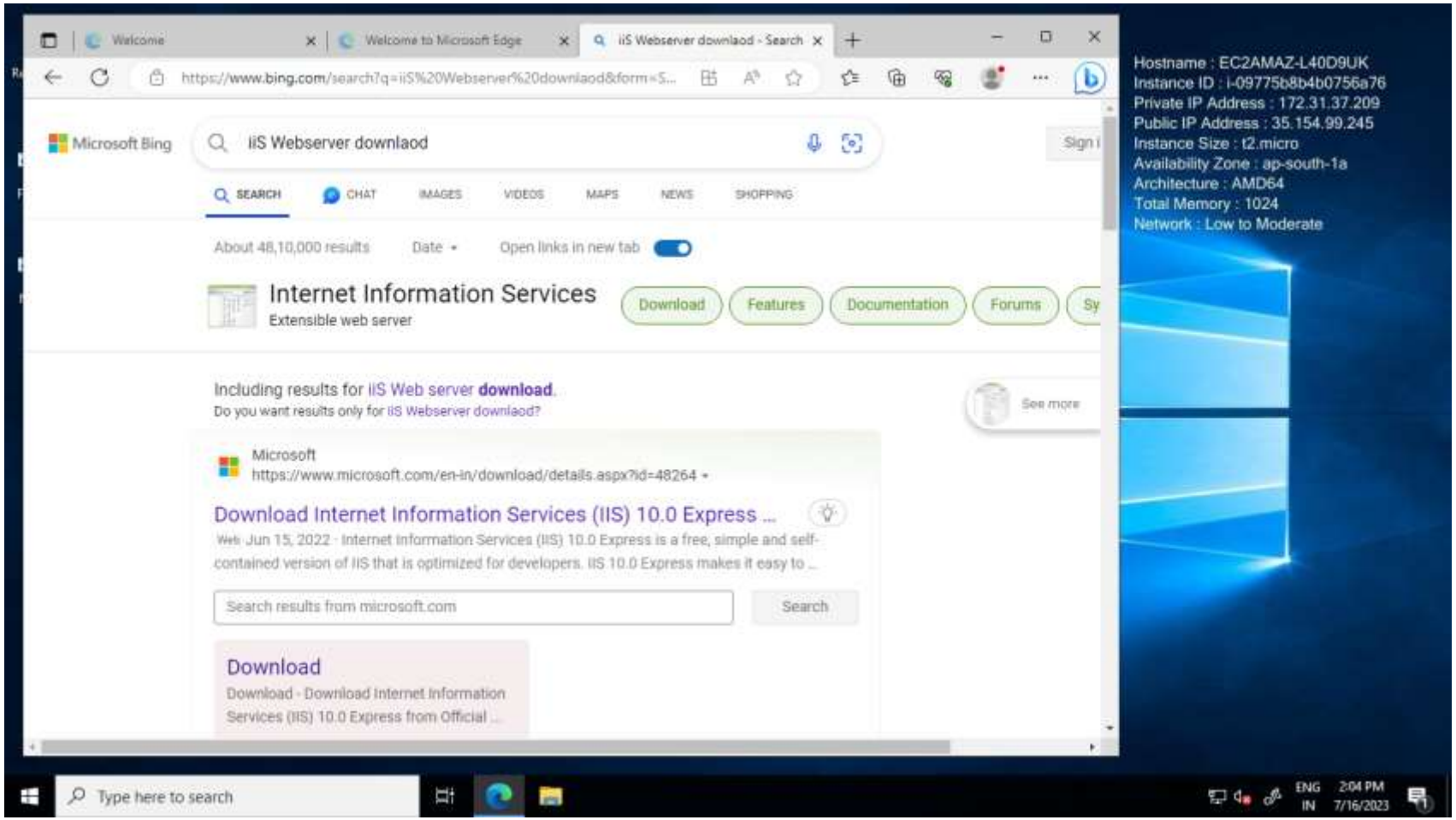
Now the virtual machine looks as follows



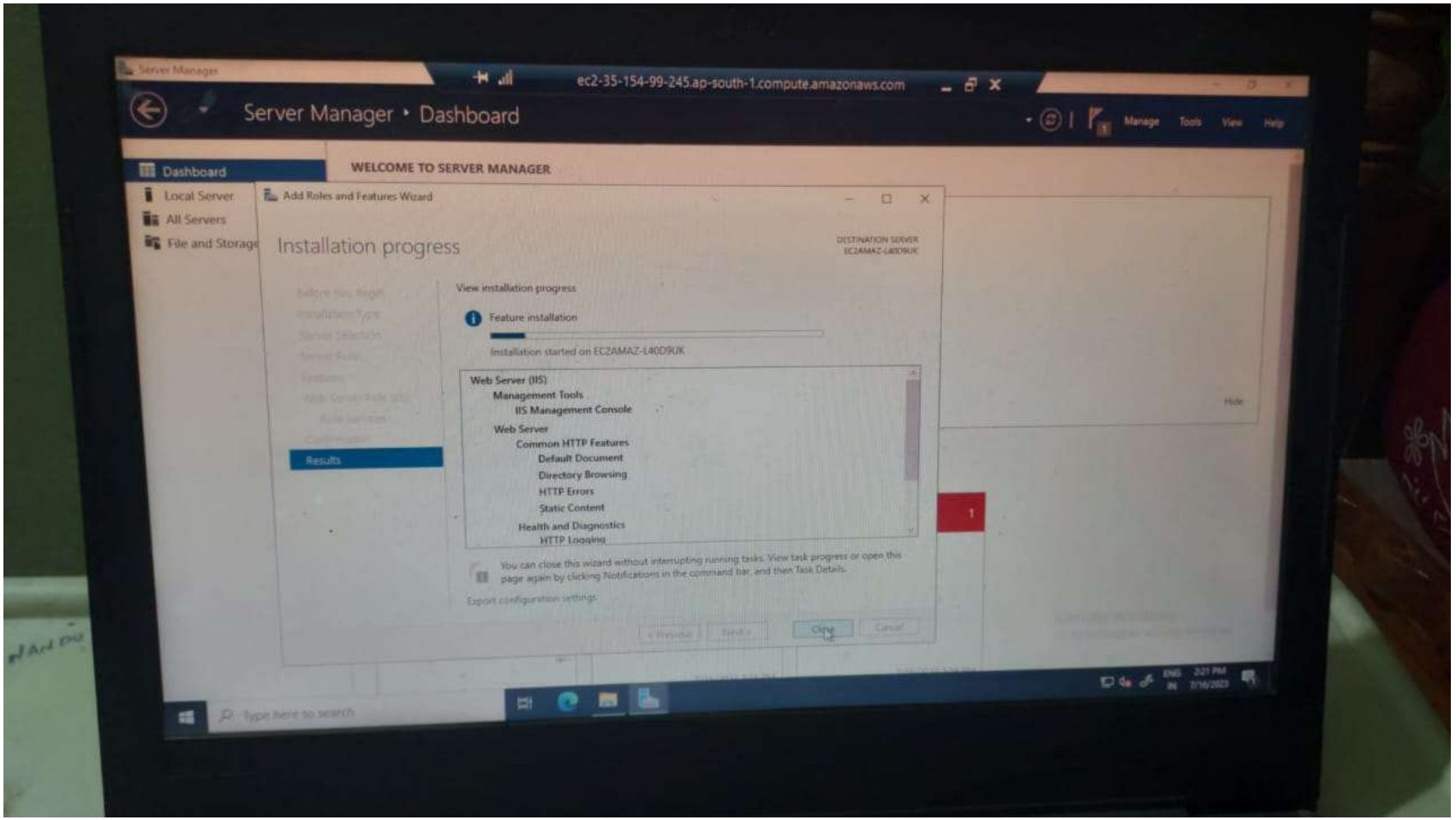
Now Instance->security->security groups(inbound & outbound rules)->edit inbound rules->add rule->save rules

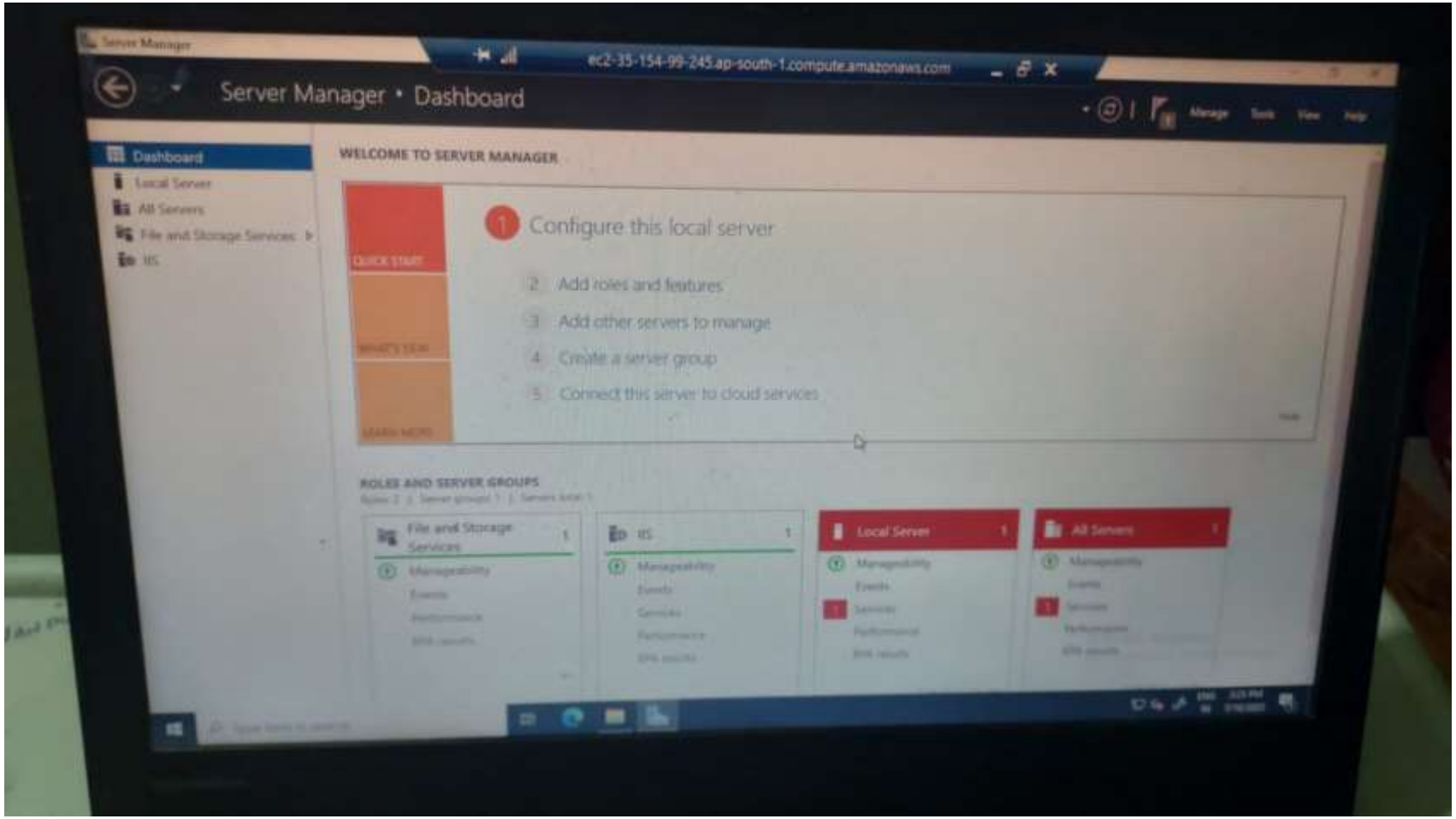


Now open virtual machine->browser->search for relevant server you need i.e IIS(Internet Information service which is extensible webserver) webserver->install it

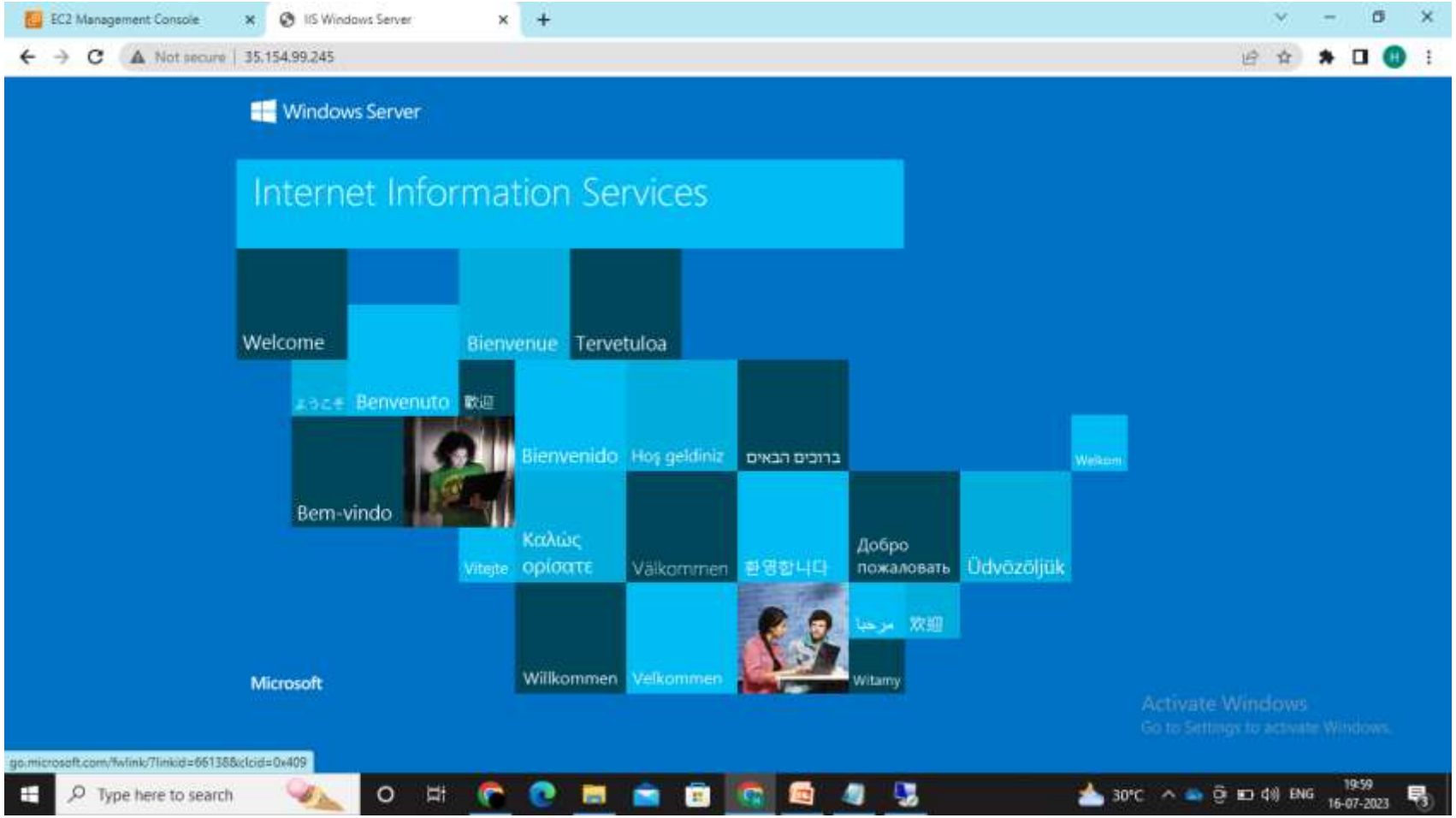


Now from search bar in virtual machine ->server manager->wait for sometime until a new local machine is created->click on new machine->add role and feature->click next next until you see the selection of IIS server ->click next next->Install ->close

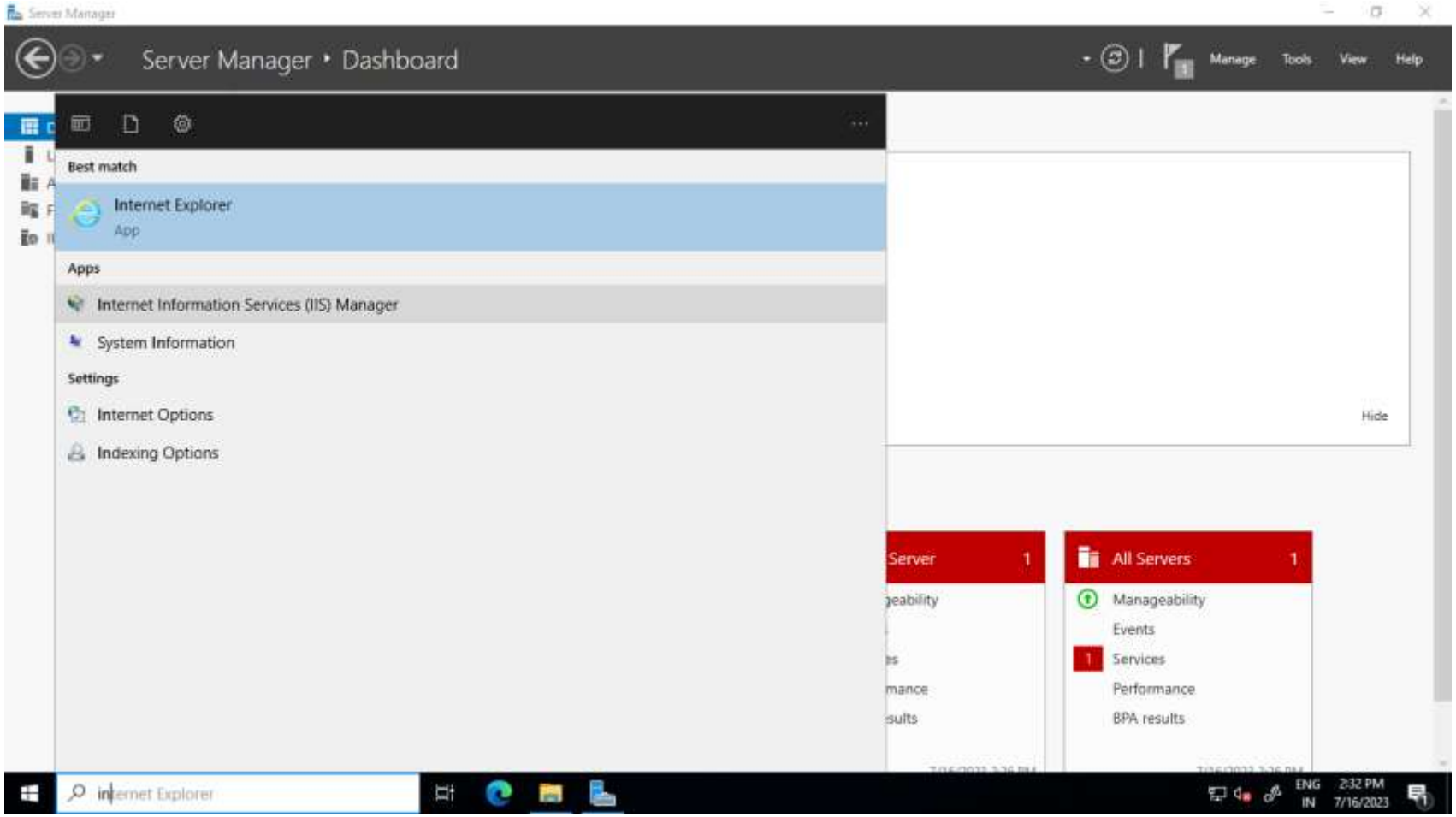



Server Manager
ec2-35-154-99-245.ap-south-1.compute.amazonaws.com
Server Manager • Dashboard
Manage
Tools
View
Help
Dashboard
Local Server
All Servers
File and Storage Services
IIS
WELCOME TO SERVER MANAGER
QUICK START
WHAT'S NEW
LEARN MORE
1 Configure this local server
2 Add roles and features
3 Add other servers to manage
4 Create a server group
5 Connect this server to cloud services
ROLES AND SERVER GROUPS
File and Storage Services
IIS
Local Server
All Servers
Manageability
Events
Services
Performance
BPA results

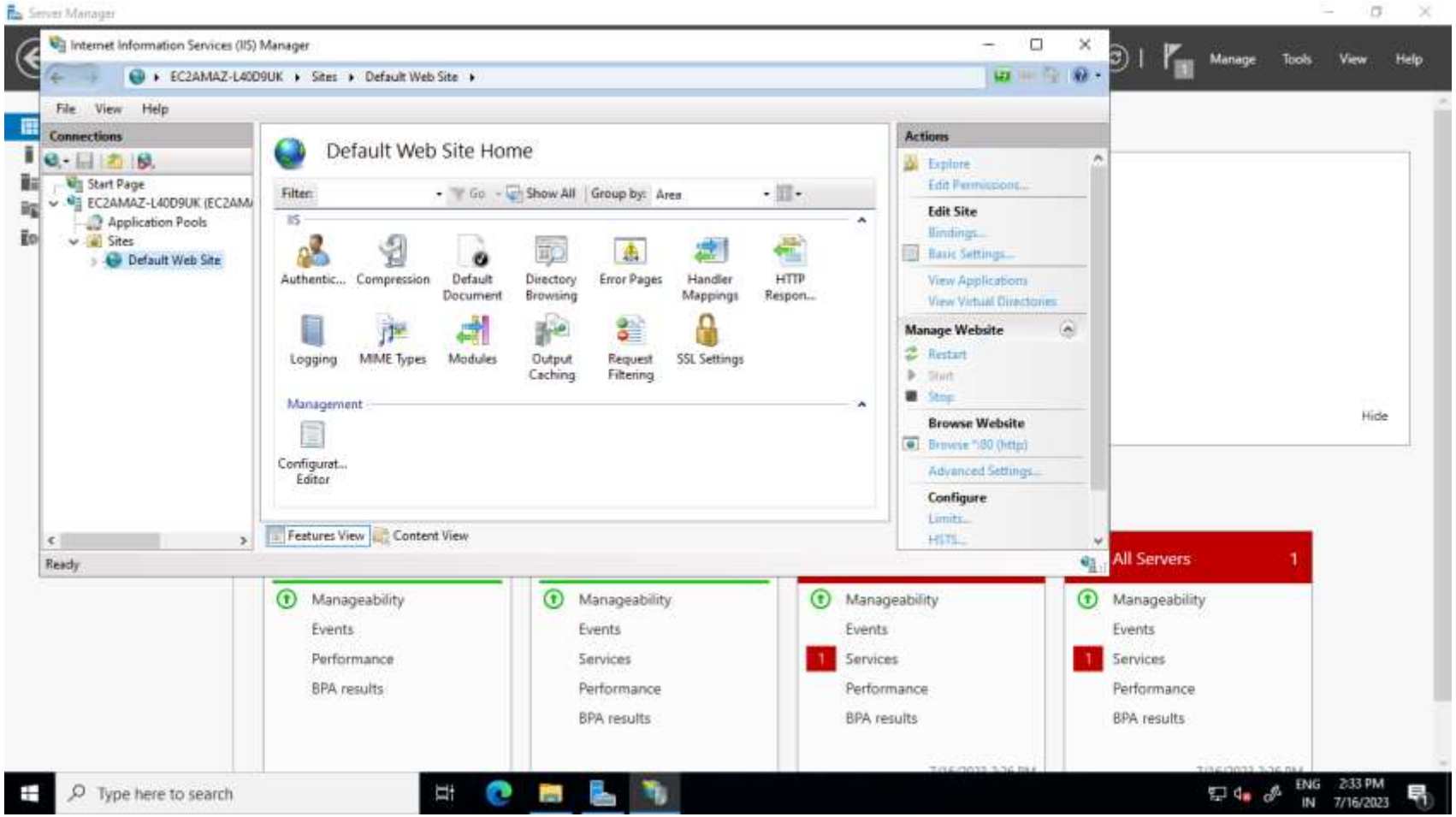
Go to webserver on your system ->paste the Public IPv4 address by this we can access our website,figure shows the default page of IIS



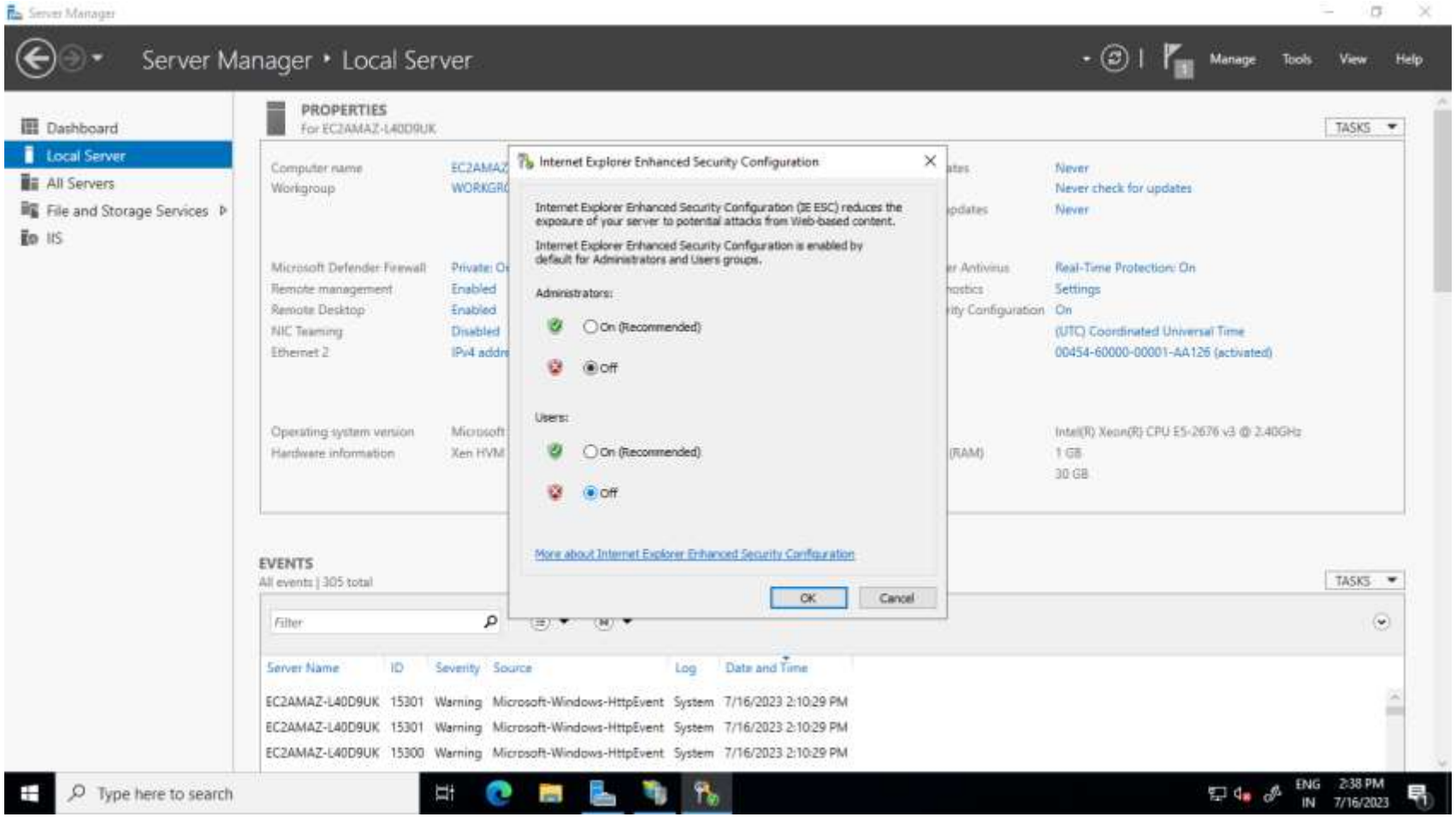
Now open IIS server on your virtual machine



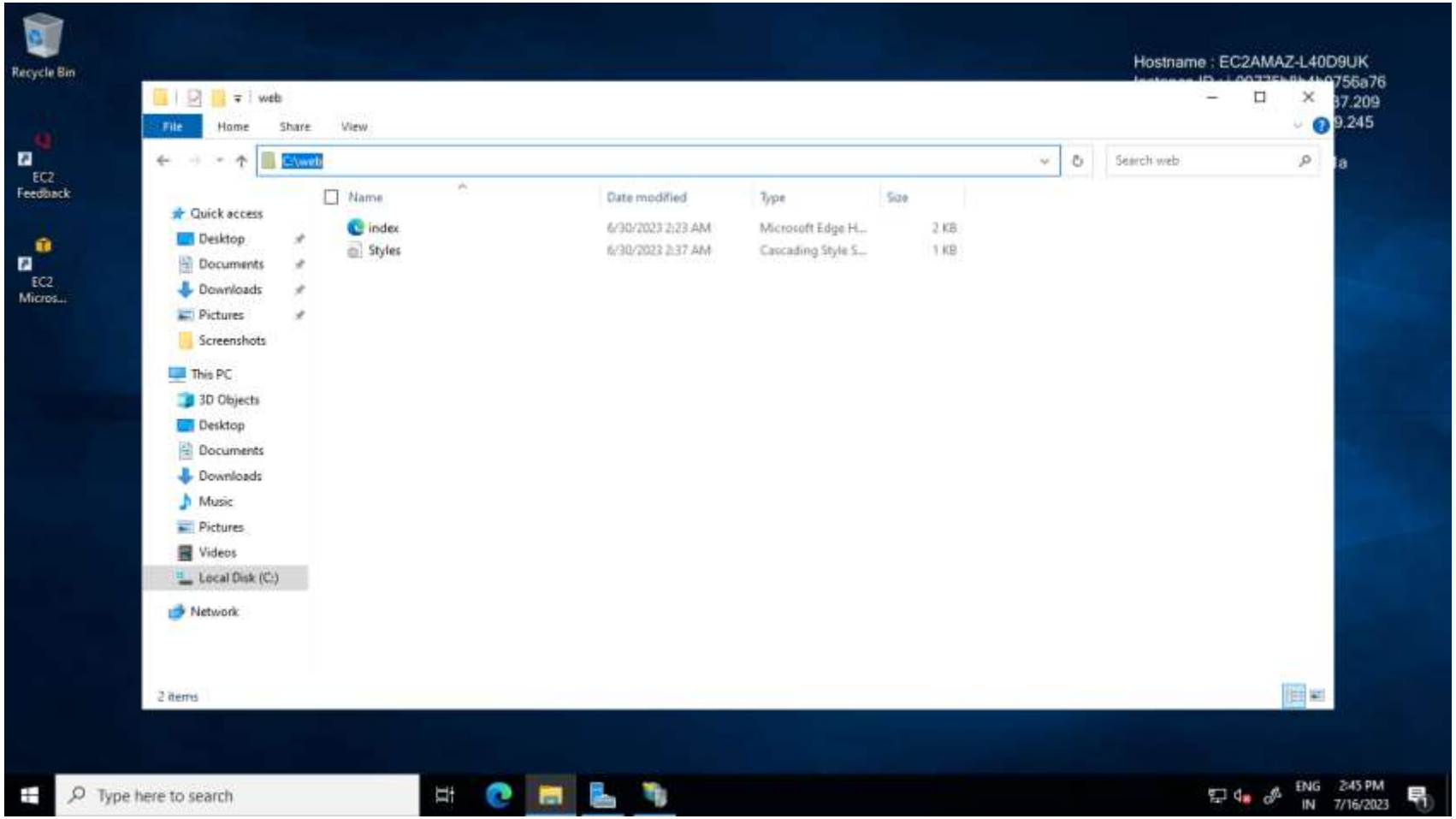
In Default web site we need map our own website to access it



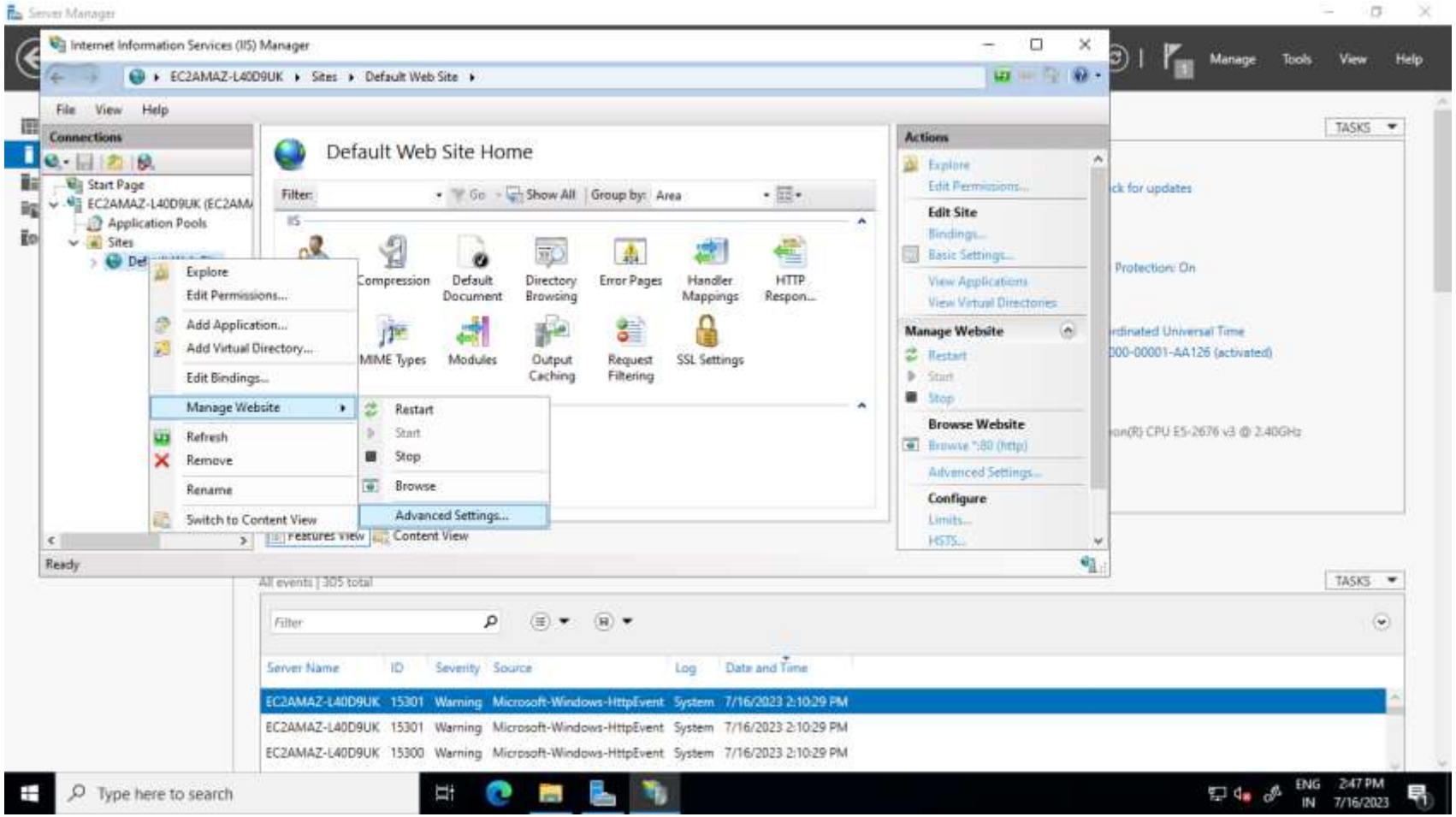
Now go to local server->IE Enhanced security configuration ->off it->ok then you can download and access any files form internet explorer



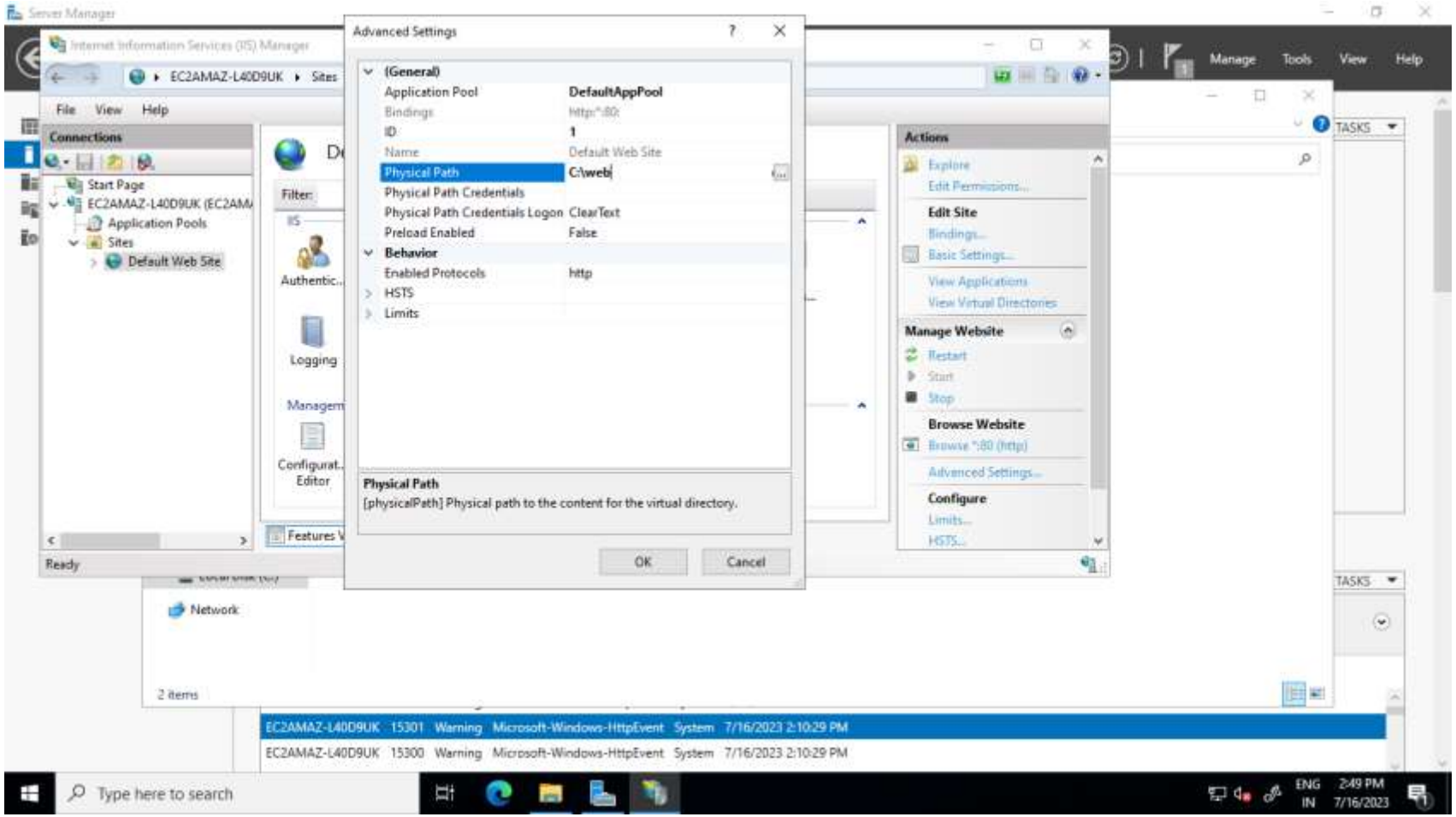
Copy your website files from local system to the virtual system to c drive by creating folder as follows and copy the path of the files



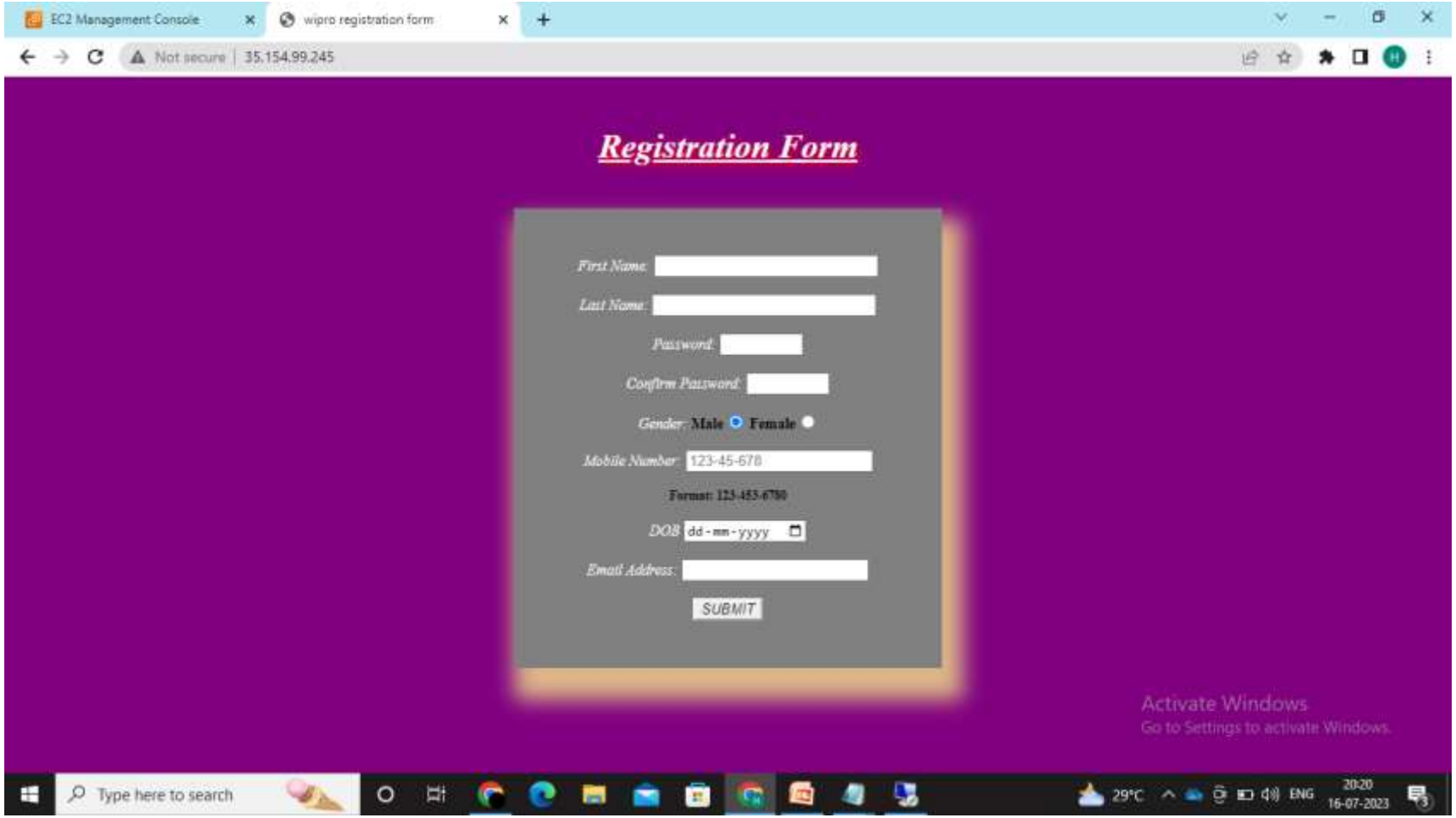
Now IIS server ->default web site->manage website->advance settings->physical path->remove the default path and paste the path that you have copied before



Click ok then your website is deployed on the IIS server ,then come back to Aws cloud instance page and copy the public IP address and click enter



Then we can see our personal website on our local computer as shown



Lastly terminate the instance.