AWS-CLOUD

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Agenda

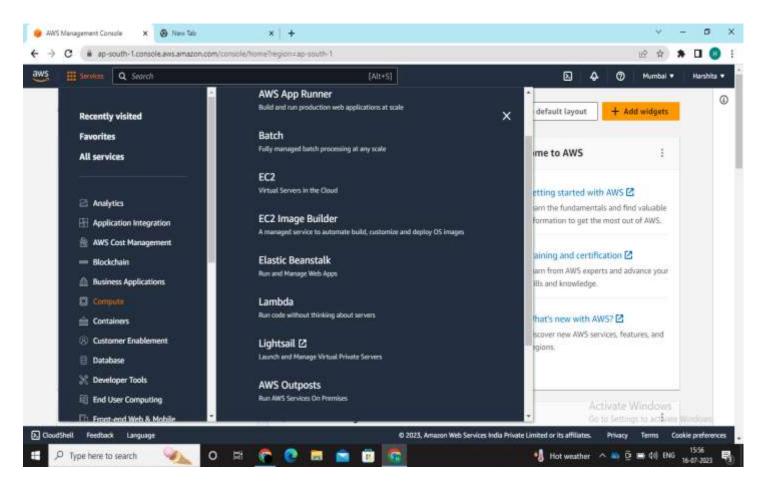
- Connect Windows EC2 instance
- Introduction to AWS Console
 Introduction to IaaS
 Hands-on Elastic Compute cloud (EC-2) Windows instance
 Connect to Windows Instance
 Configure Web server on Windows Instance

Tasks

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

Connect Windows EC2 instance

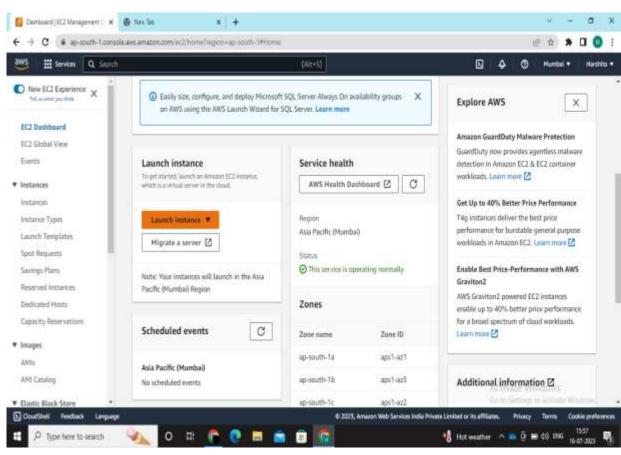
Hands-on - Elastic Compute cloud (EC-2)Windows instance->IaaS EC-2->set up & configure the Operating Systems and applications that run on your instance



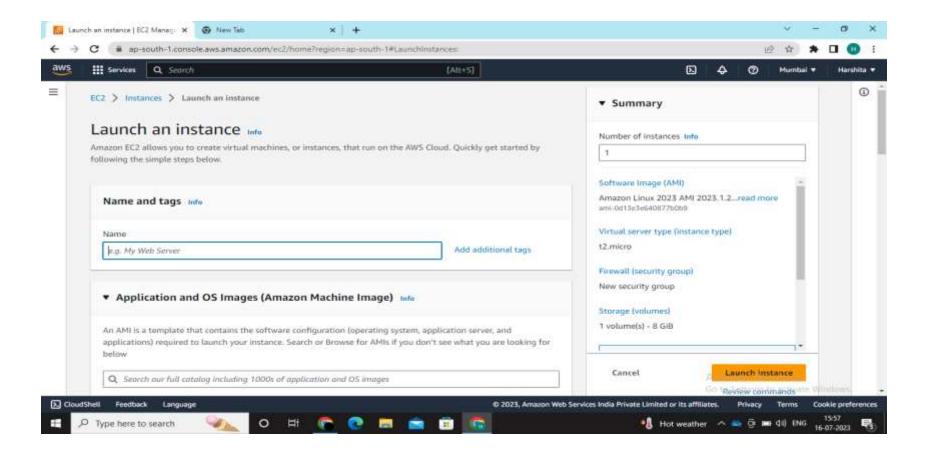
Steps for Launching a Instance

EC2>Instance->Launch Instance

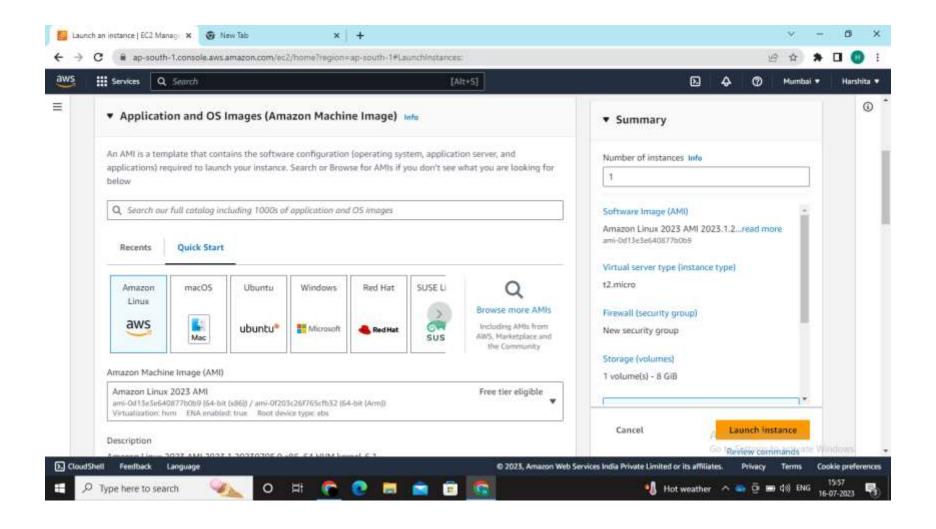
- Name & tags
- Application and OS Image(AMI)
- Instance type
- Key pair(Login)
- Network Settings
- Configure Storage
- Advance details



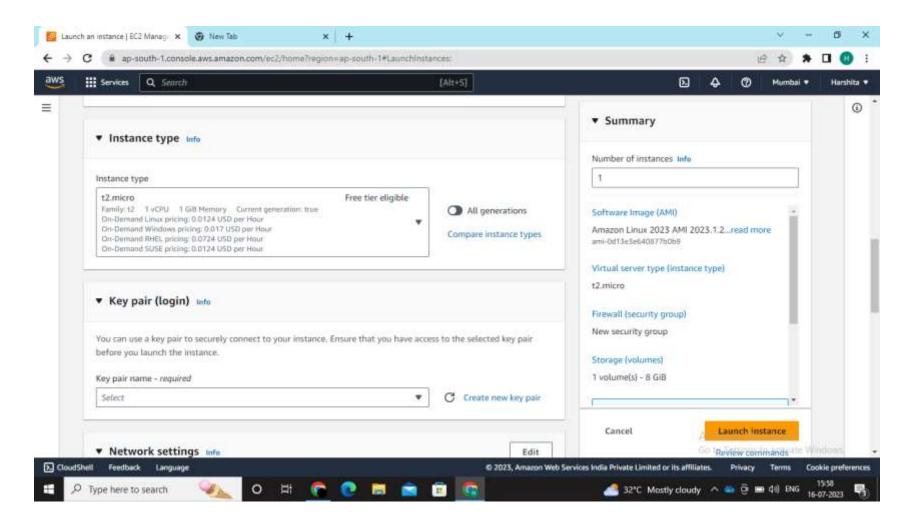
Give Name & Tags-TalentNextWindows



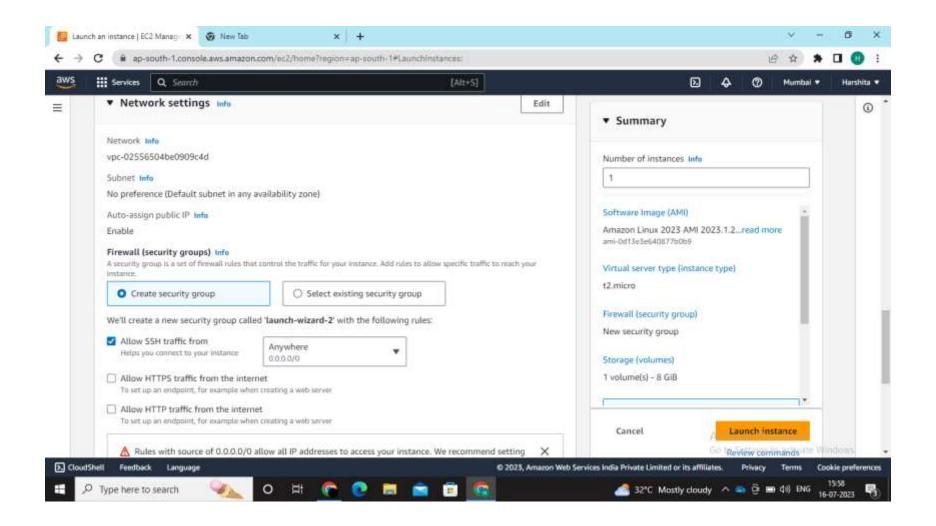
Selecting windows operating systems as windows in AMI ,as AMI has 47 OS available on aws-cloud



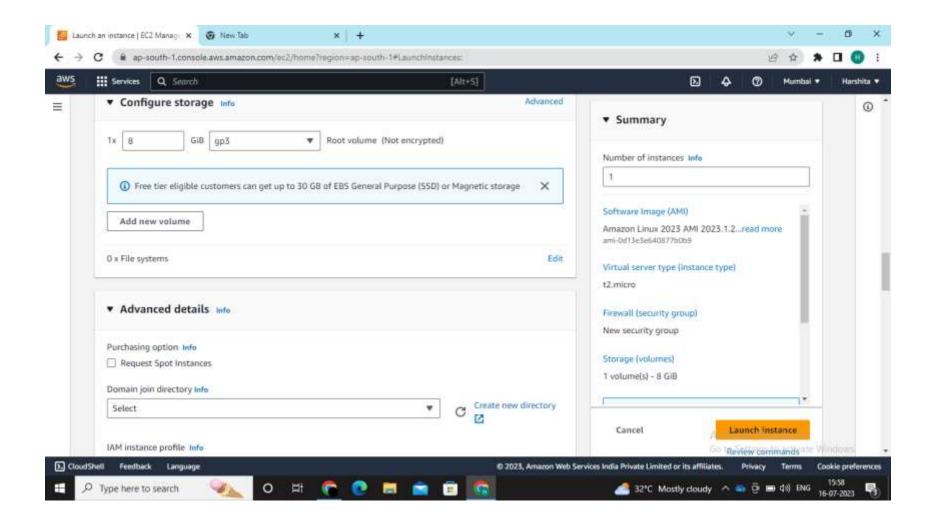
Select Instance Type as t2.micro which is free and Key Pair(login) allows you to connect to your instance securely and here you need to download the created key pair to your desktop



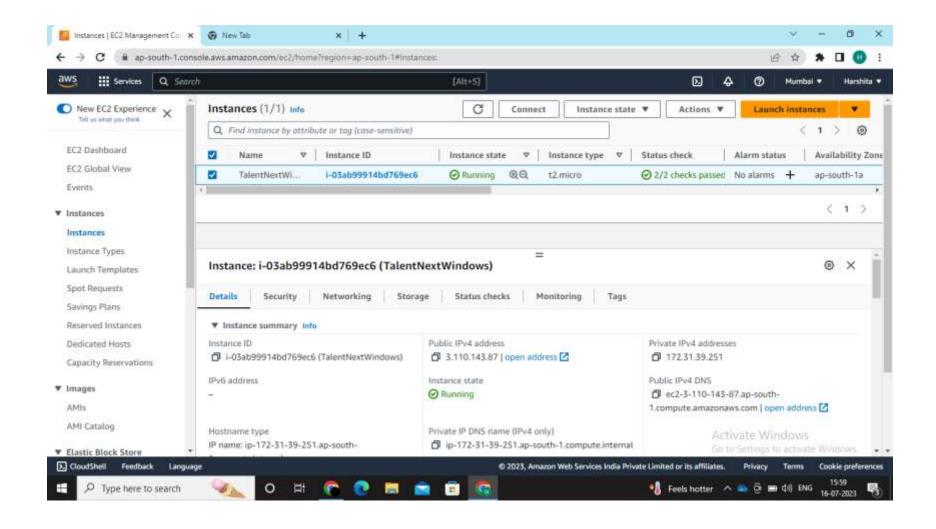
Network Settings you need to create the security group where we have options RDP to connect with instance ,SMPT to mails ,HTTP to web servers



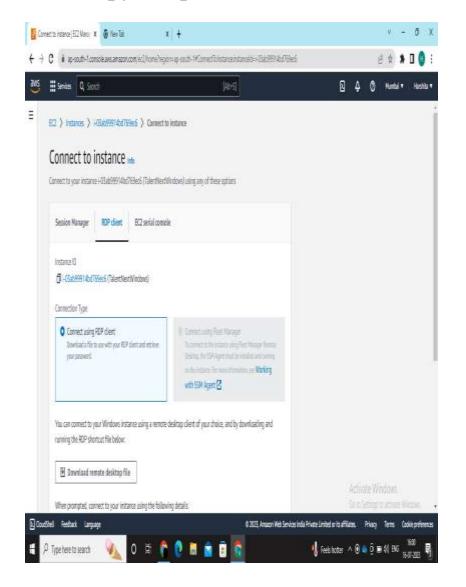
Configure Storage —select 30GB and General purpose SSD(gip2) or magnetic storage & Advance details as default

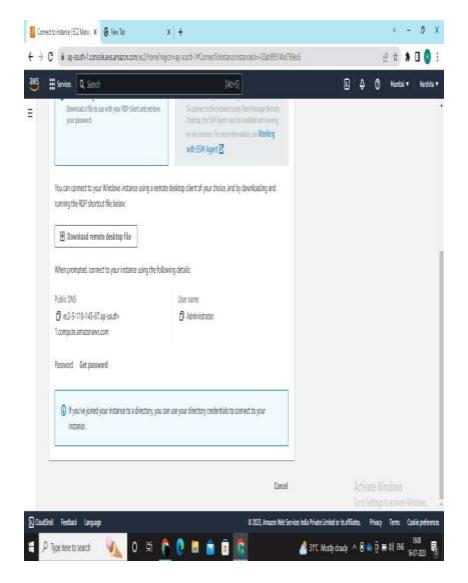


Launch Instance

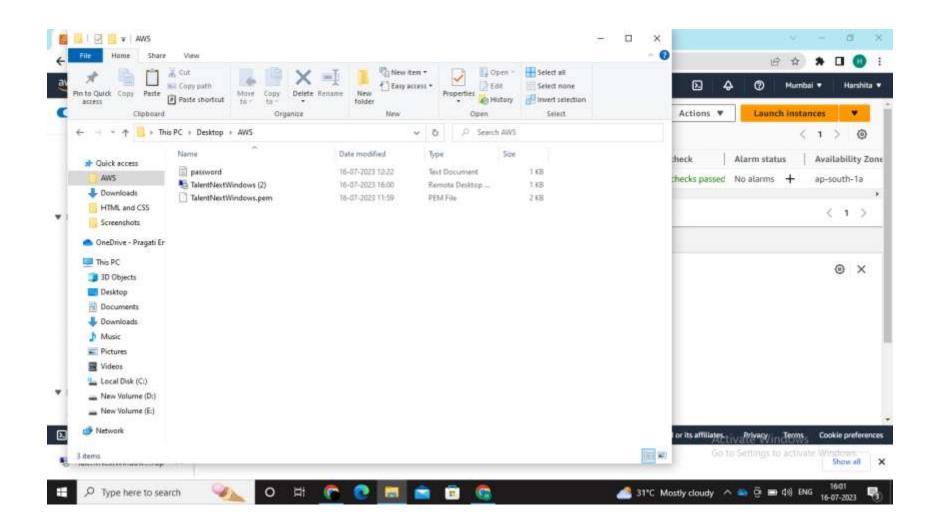


Now connect the instance to RDP Client and downland the the desktop file and copy the password

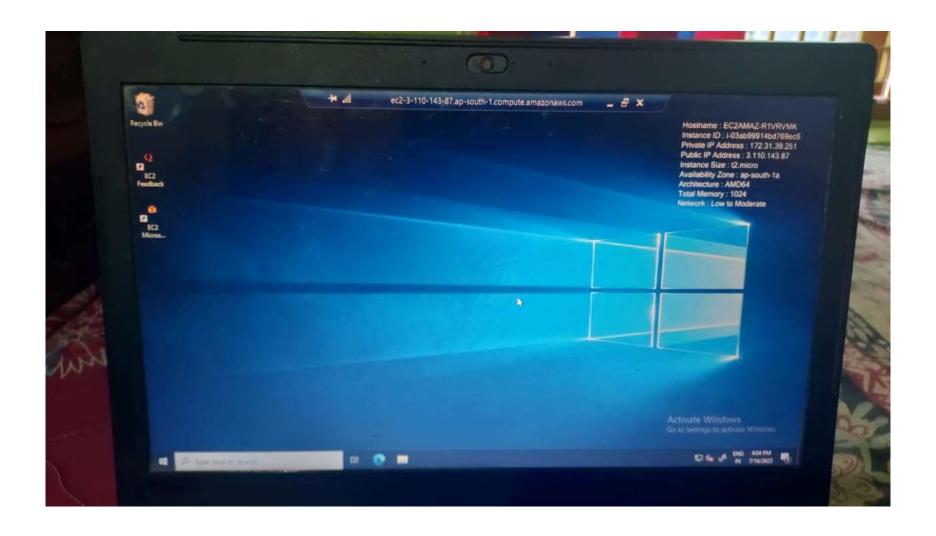




Now open the desktop file and enter the password you copied the your virtual machine that you created will be opened.



Created Virtual machine will look like this

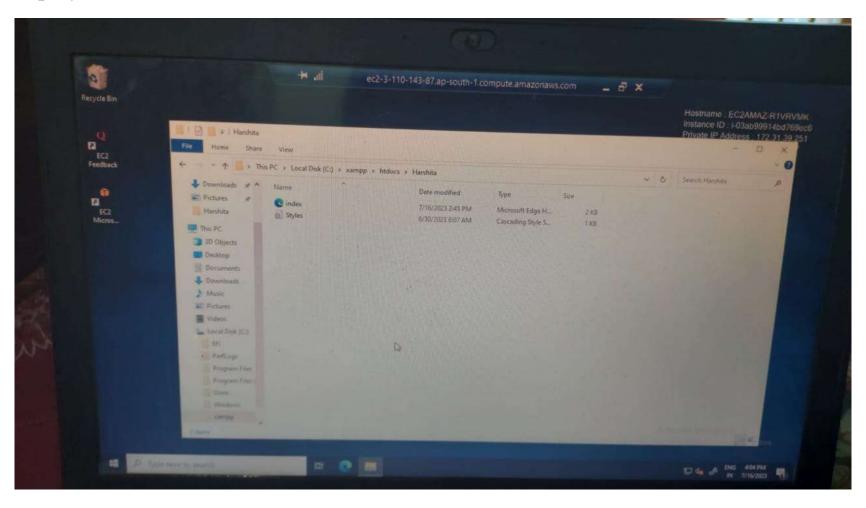


Install XAMPP webserver on it

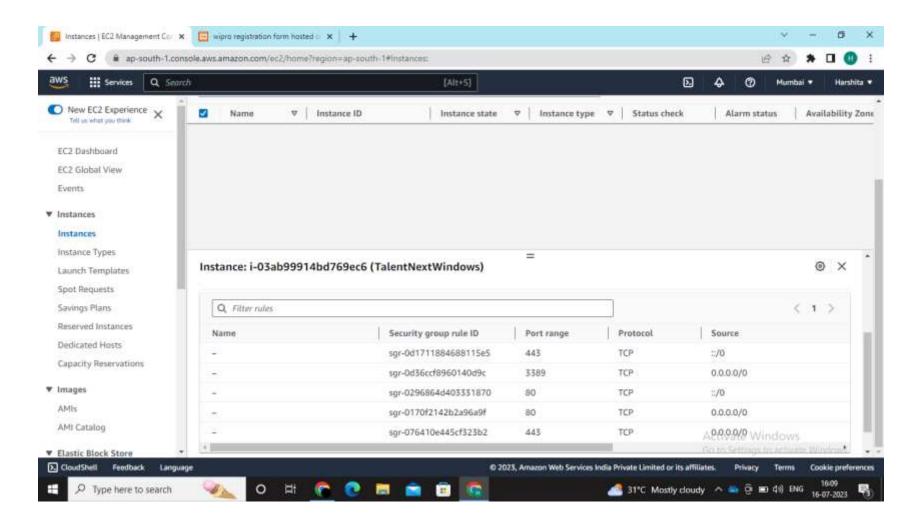
Open XAMPP start Aapche (has port 80,443)

c-drive->xampp->htdocs->create a new folder(x)->create files like html,css etc

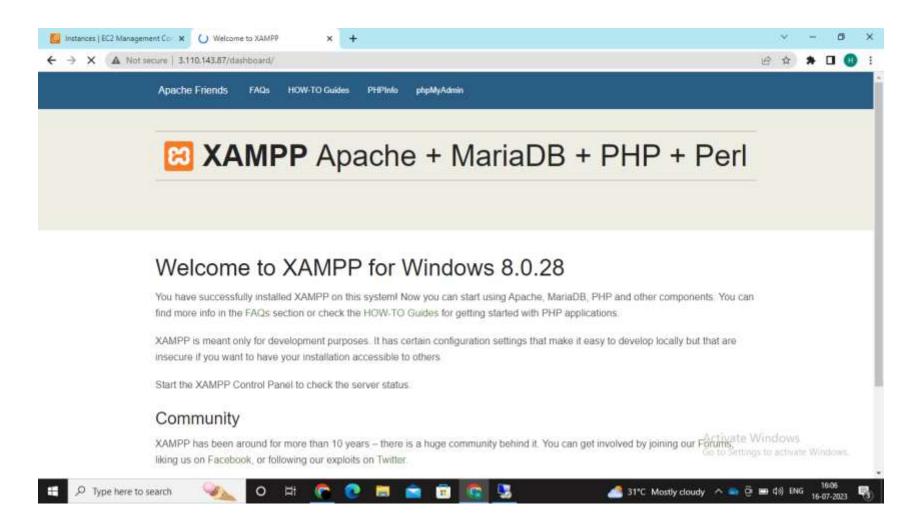
Deploy our webiste on it as follows



Create the inbound rules to permit the request outside the cloud and keep the outbound rules as default as the request are allowed from aws cloud to outside world



Now open the instance that you have created then go to details Either copy public DNS address or public IPv4 and paste it on the browser of your device then the default XAMPP window will be opened



Now change the xampp dashboard to the created folder for example 65.1.136.174/dashboard/--→65.1.136.174/foldername

Now terminate the instance that you have created lastly

