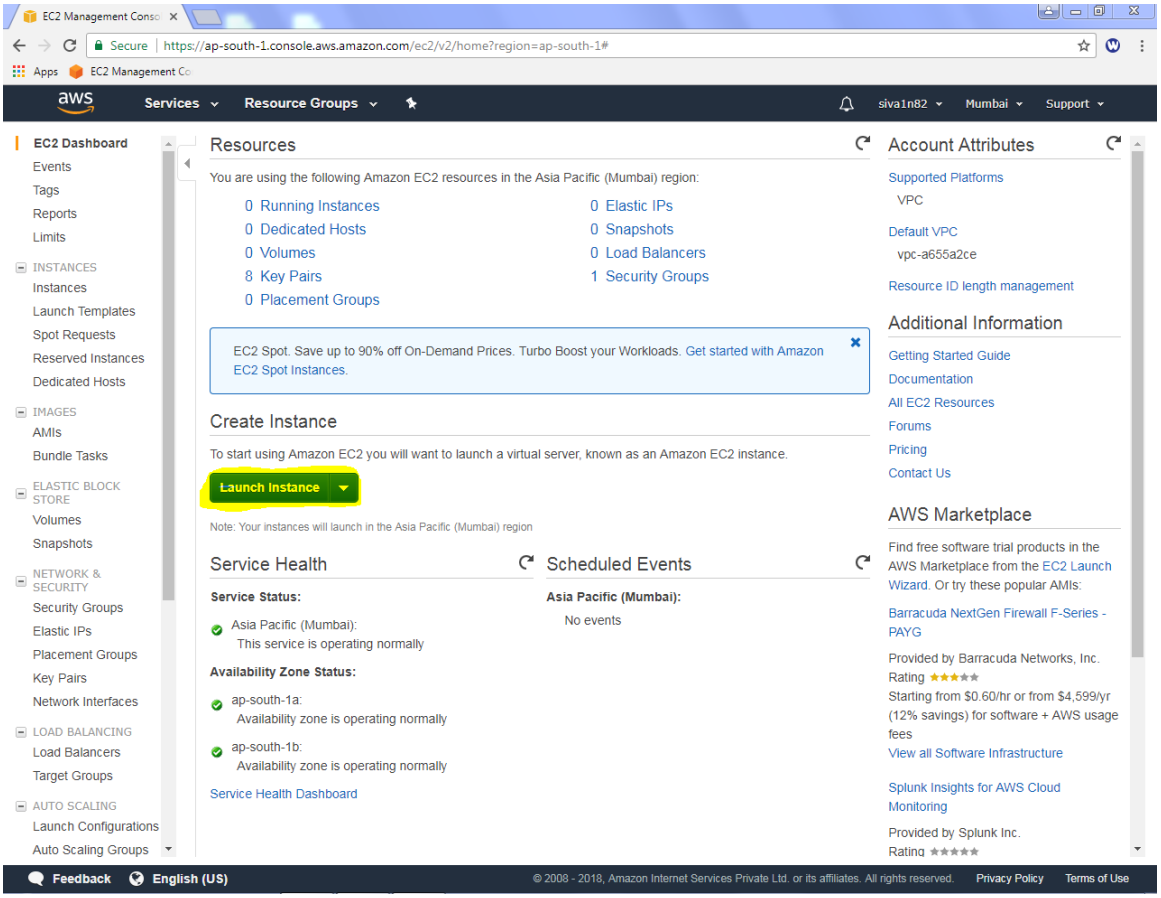
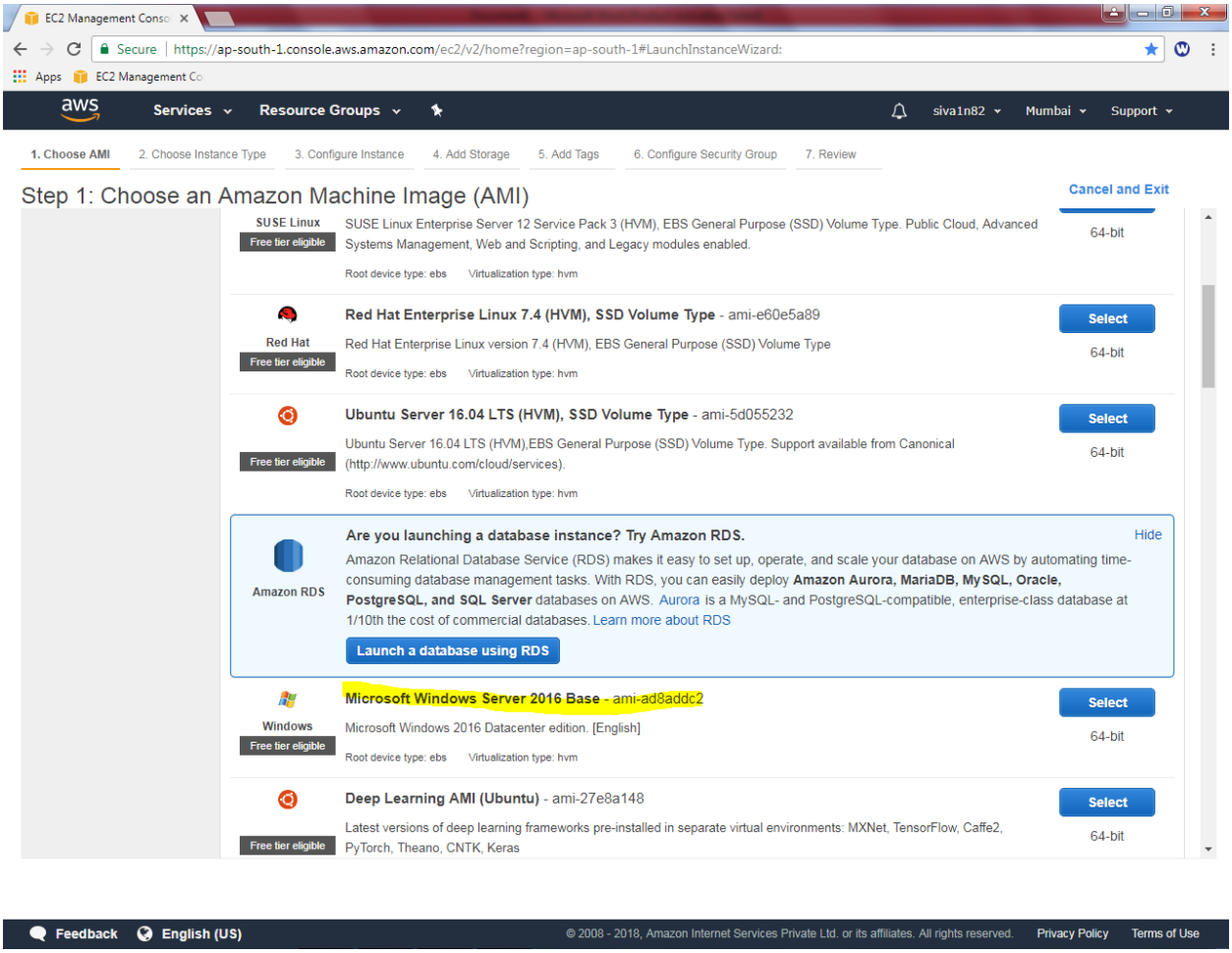
Lab -1

Creating and Login to Windows Instance (by using EC2) – for Beginners

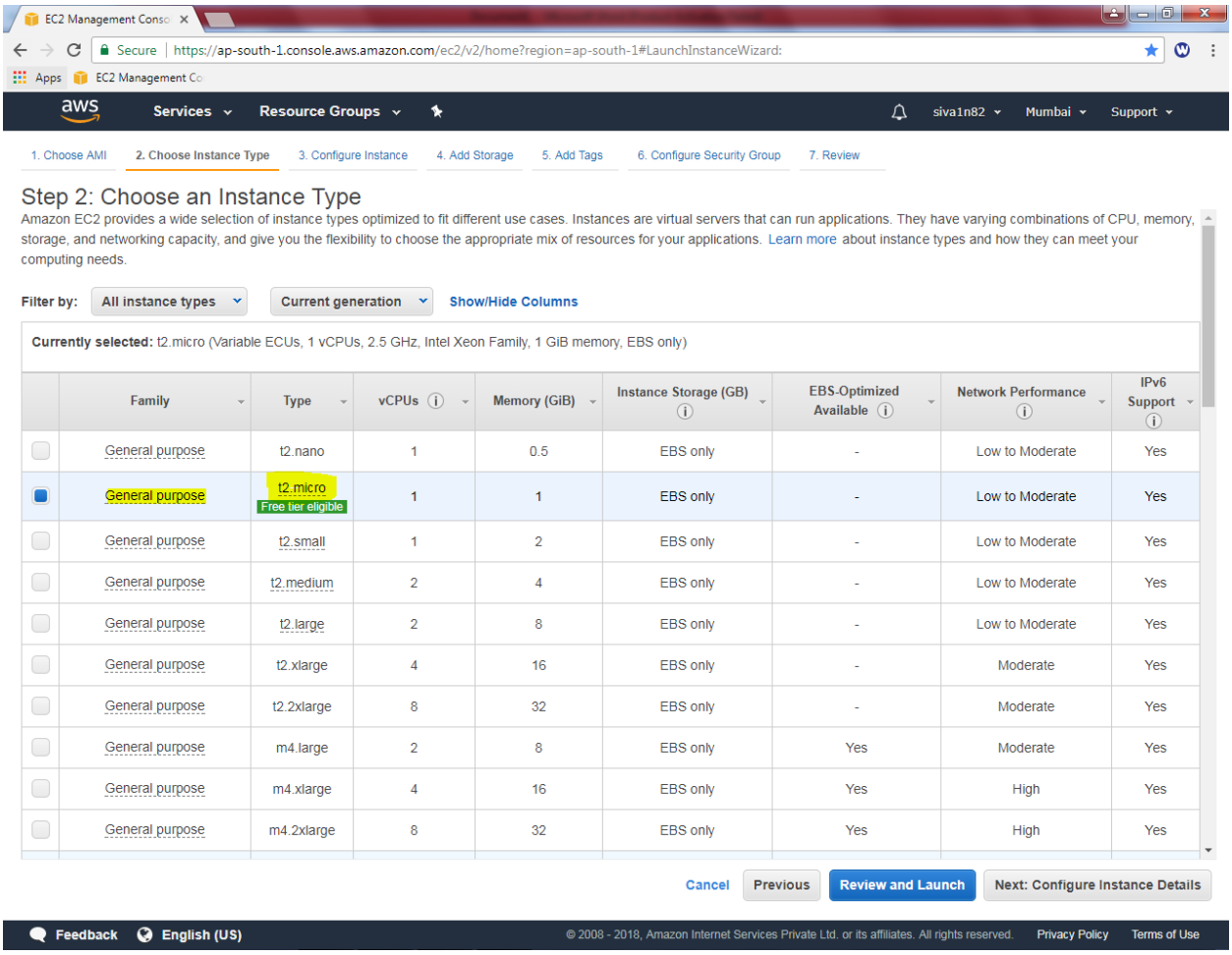
Click “Launch instance”.



Select “Microsoft Windows Server 2016 Base”.

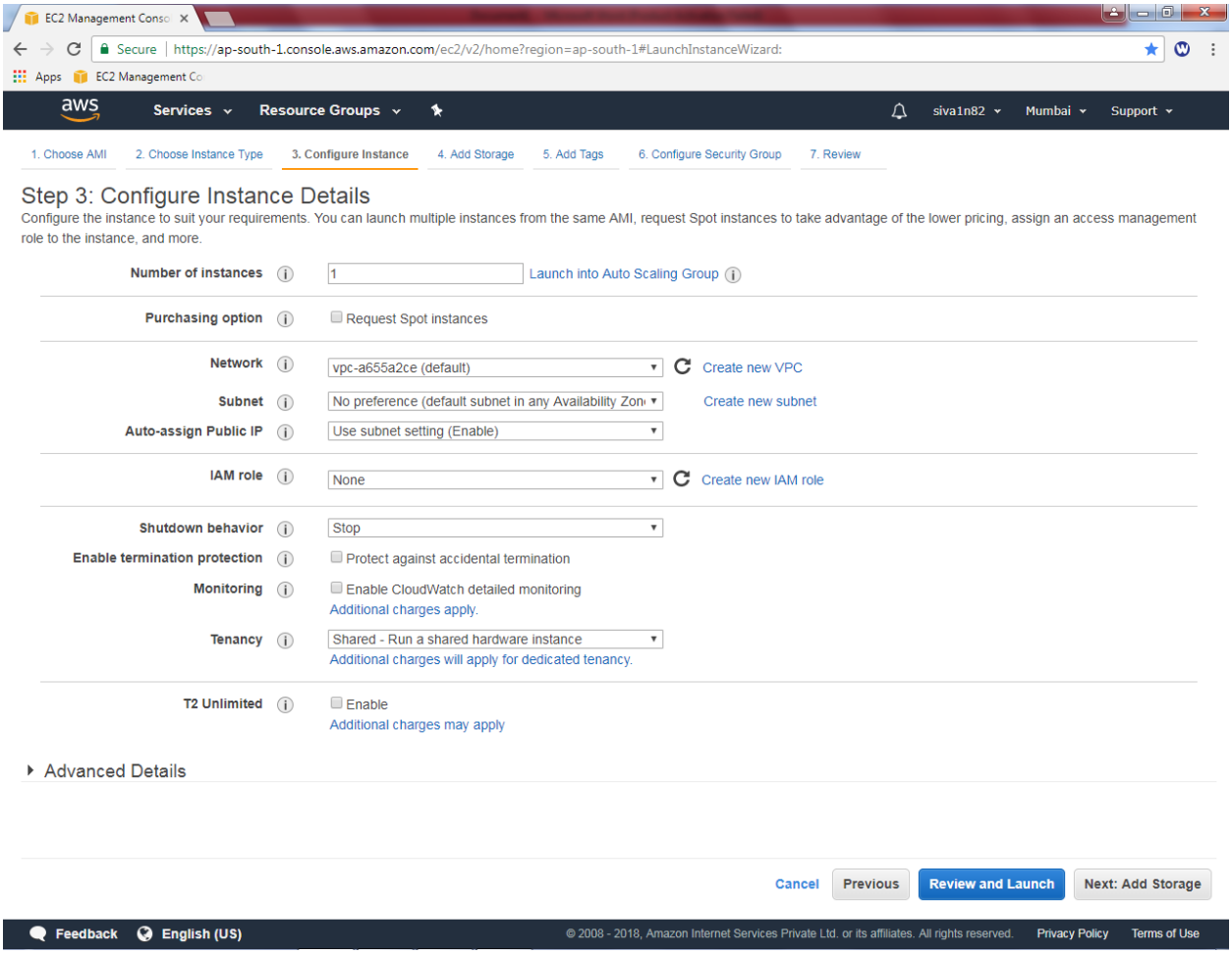


Select “General Purpose”- t2.micro (which is free tier eligible).



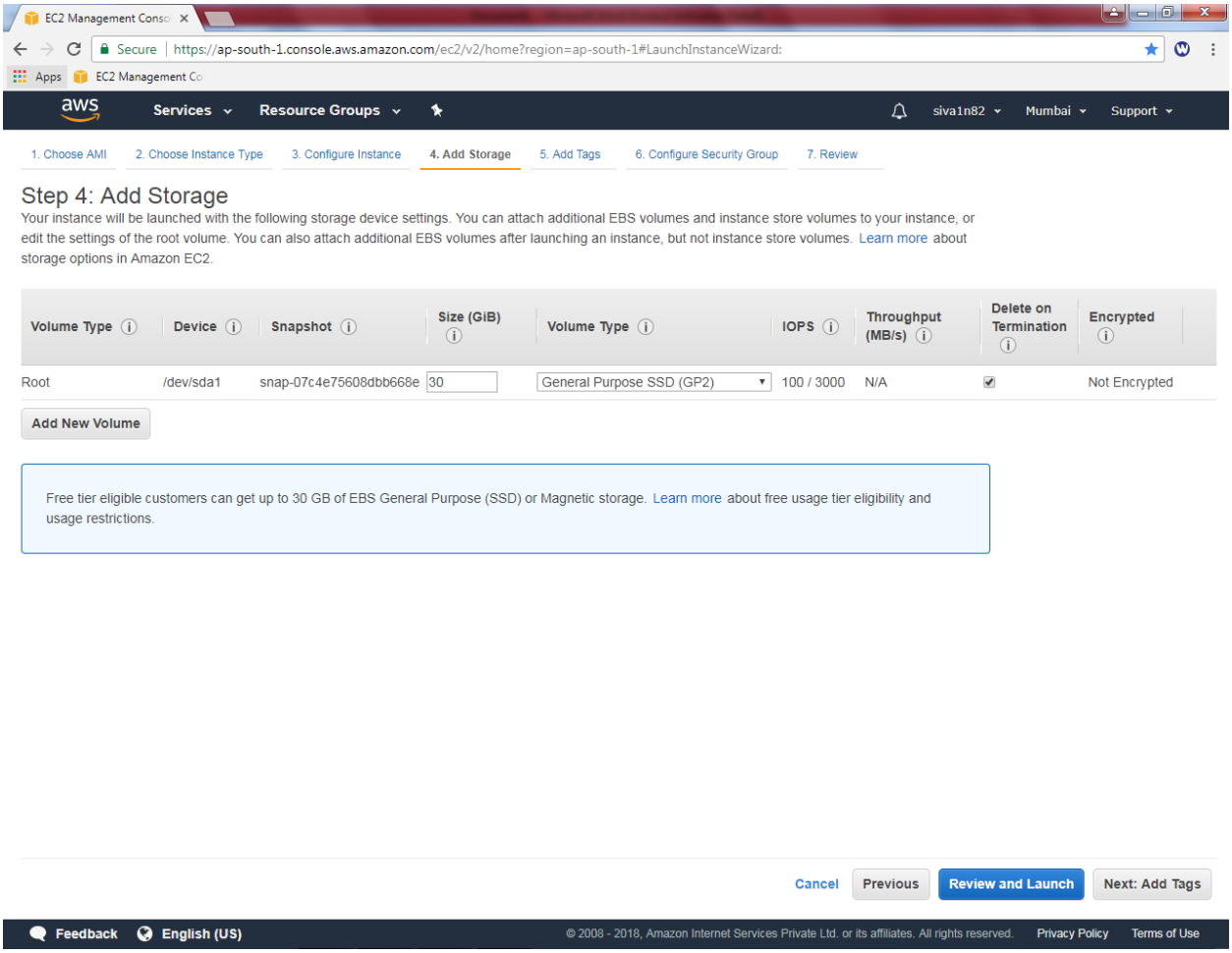
Click “Next”.

Leave the settings default and click “Next”.

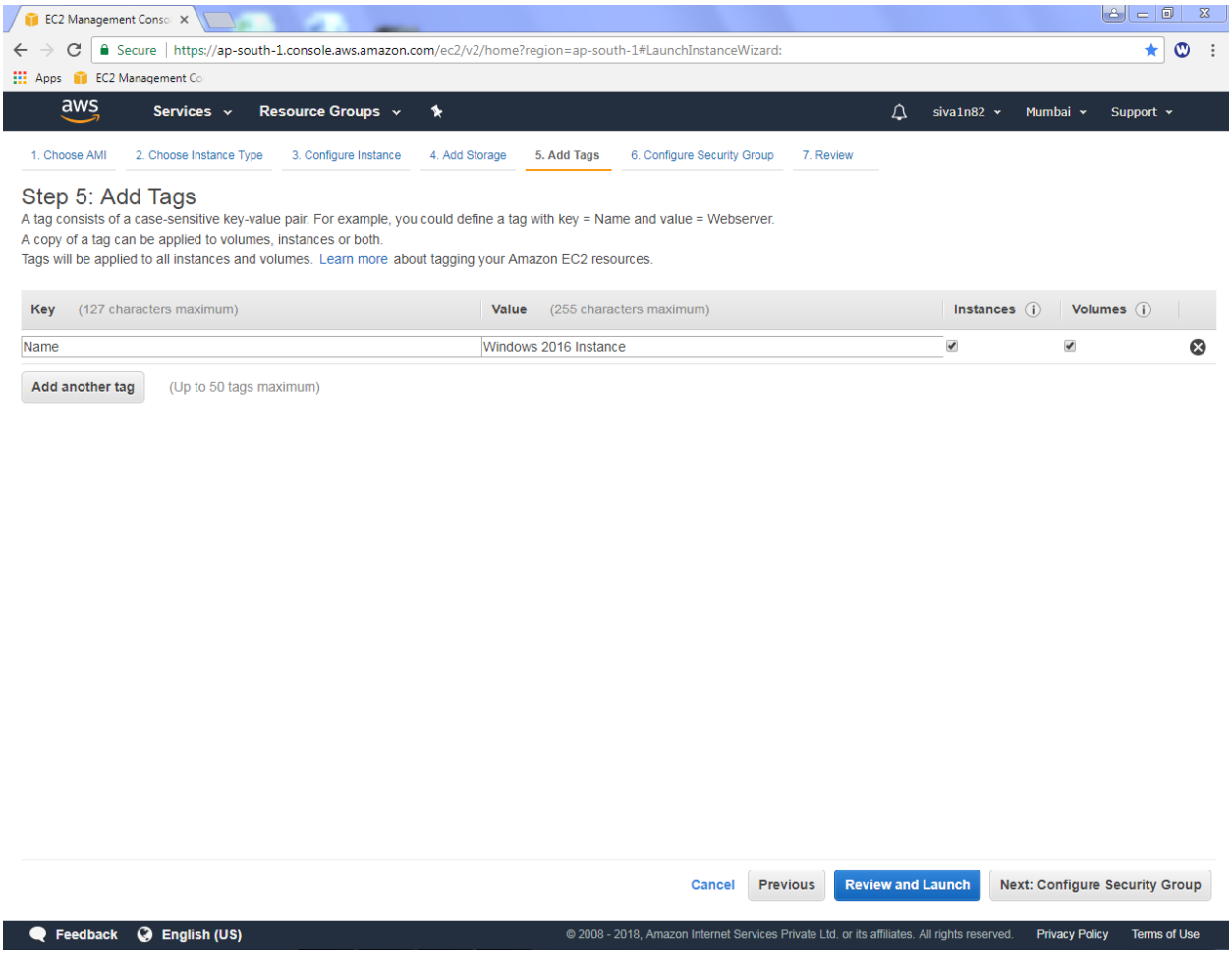


Click “Next”.

Leave the default settings and Click “Next”.



In Key type as “Name” and value as “Windows 2016 instance”.


EC2 Management Conso
Secure | https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Apps
EC2 Management Co
aws
Services
Resource Groups
sivaln82
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (127 characters maximum)
Value (255 characters maximum)
Instances
Volumes
Name
Windows 2016 Instance
Add another tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group
Feedback
English (US)
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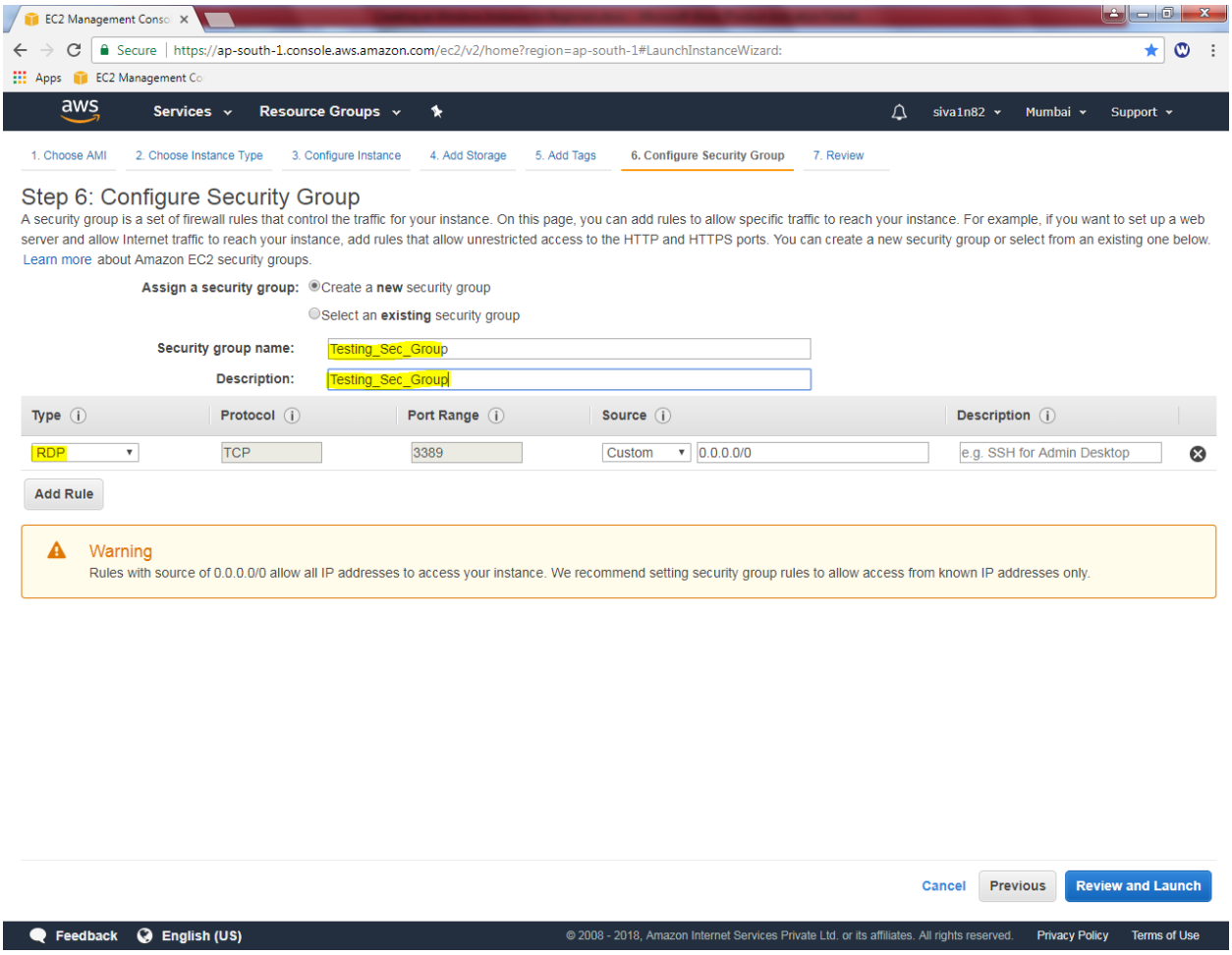
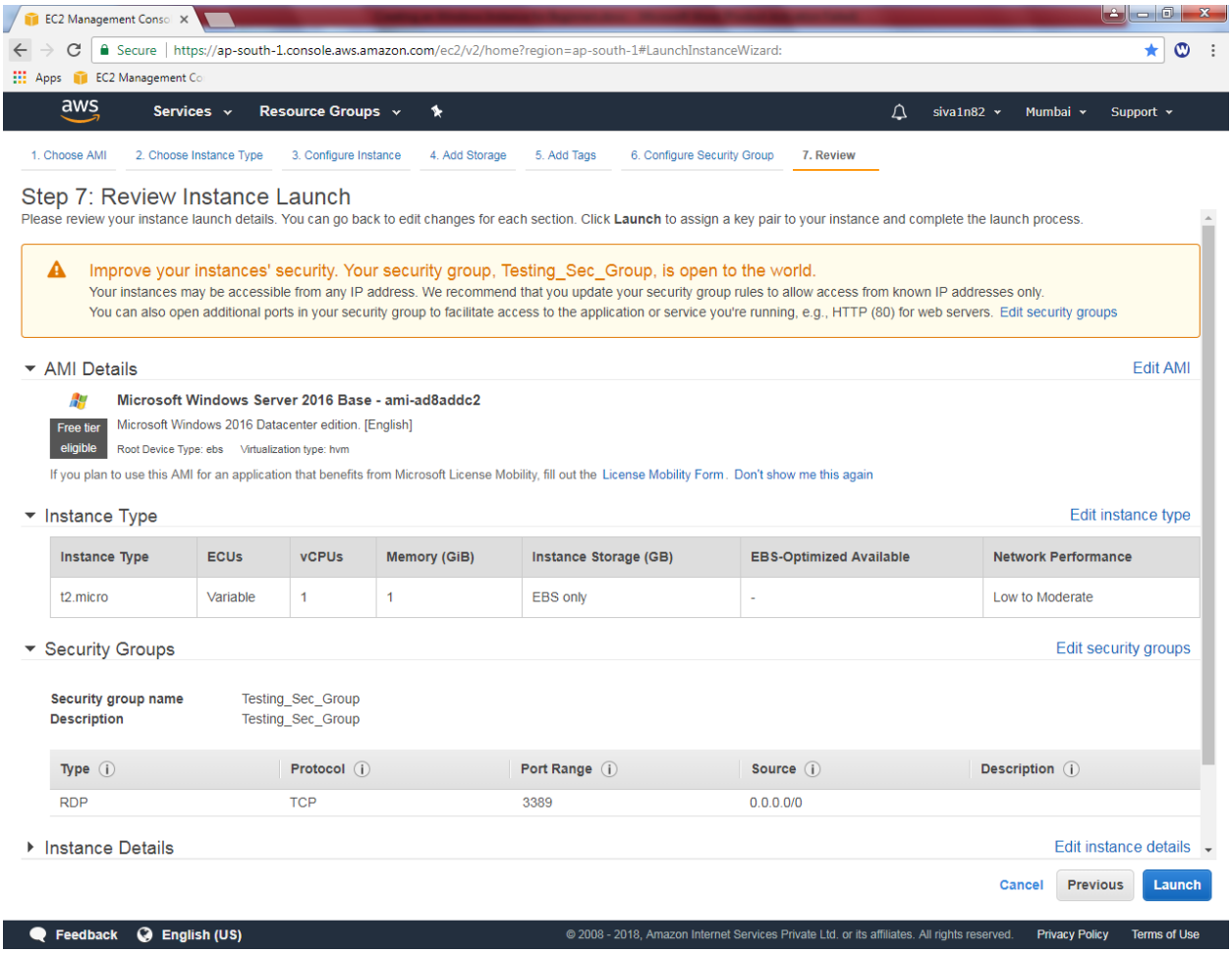
Privacy Policy
Terms of Use

Click “Next”

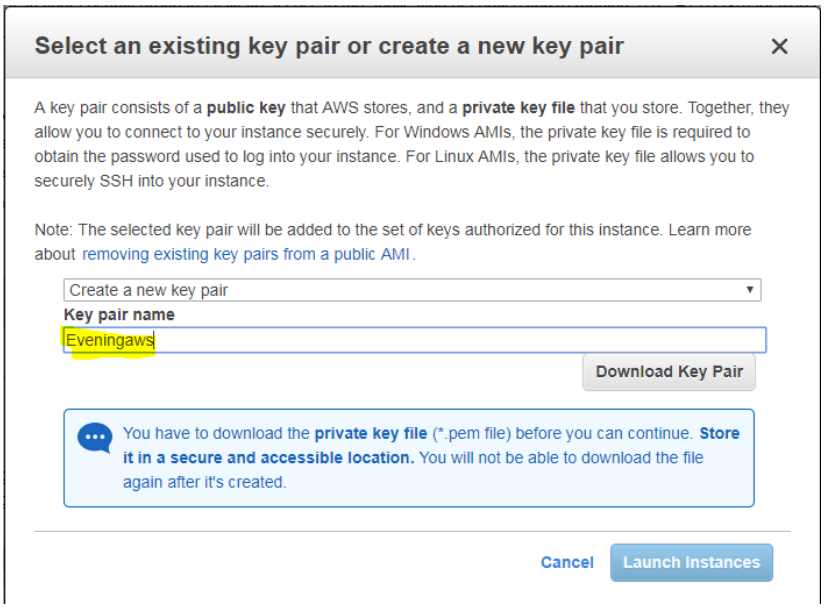
In Security group, create a new security group “Testing_Sec_Group”. By default AWS allows RDP (3389) for management purpose of the server.



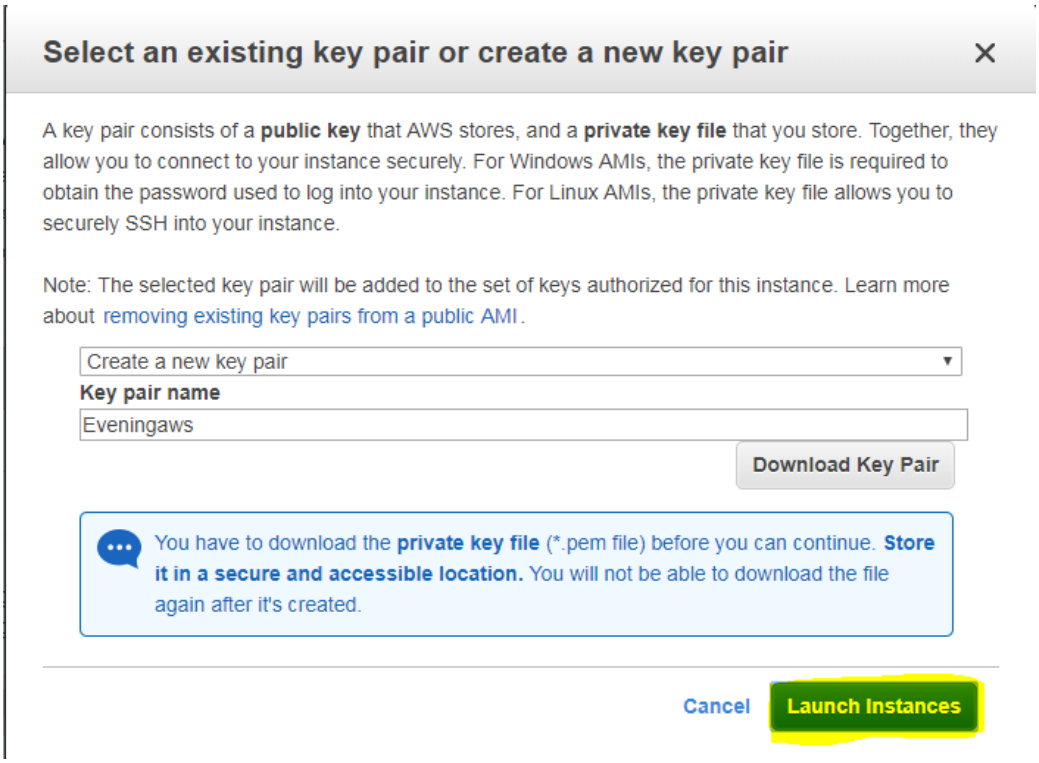
Click “Review and launch”.



Click “Launch”.

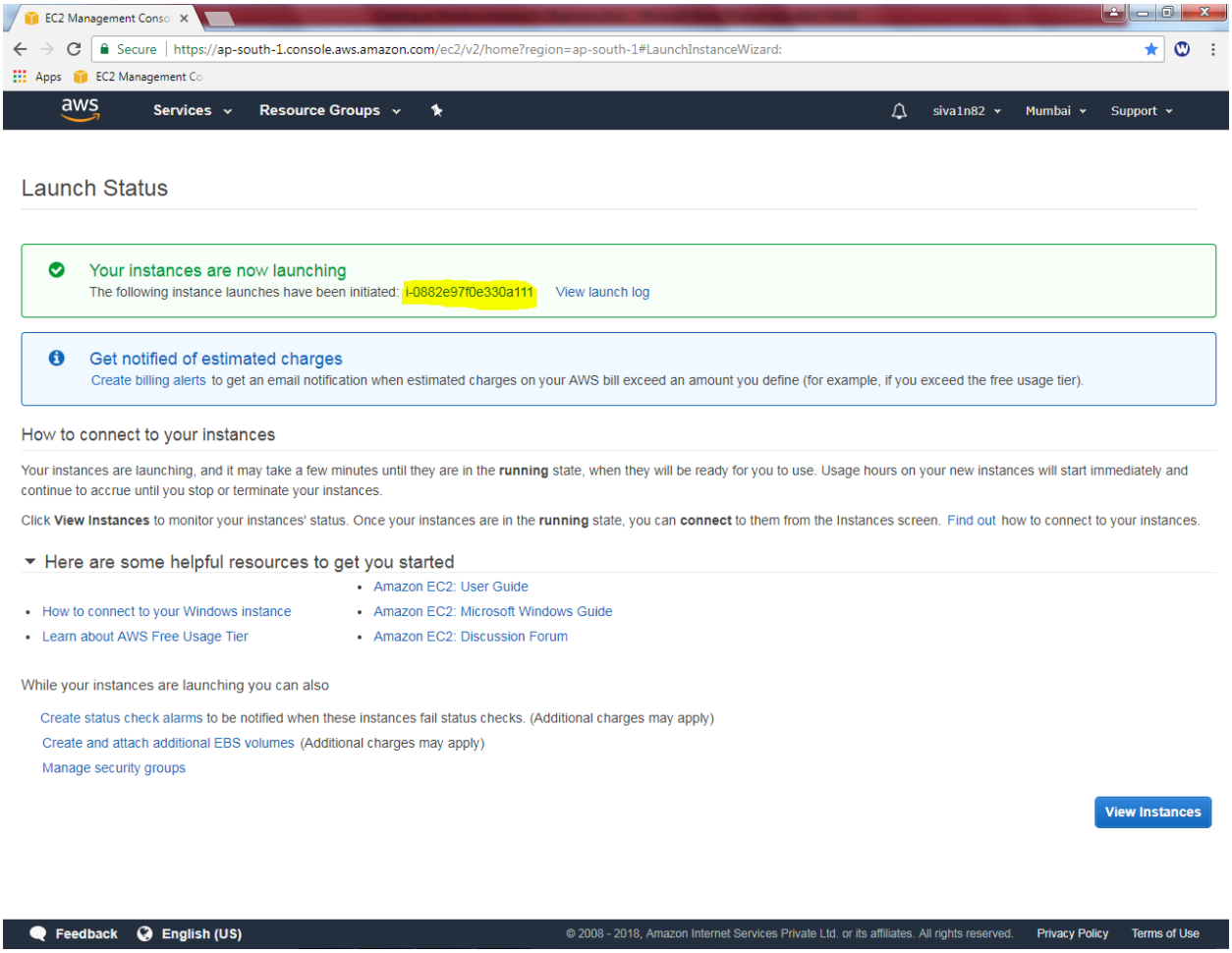


Create a new key pair and type the name of the key pair then Click “Downlod key pair”.



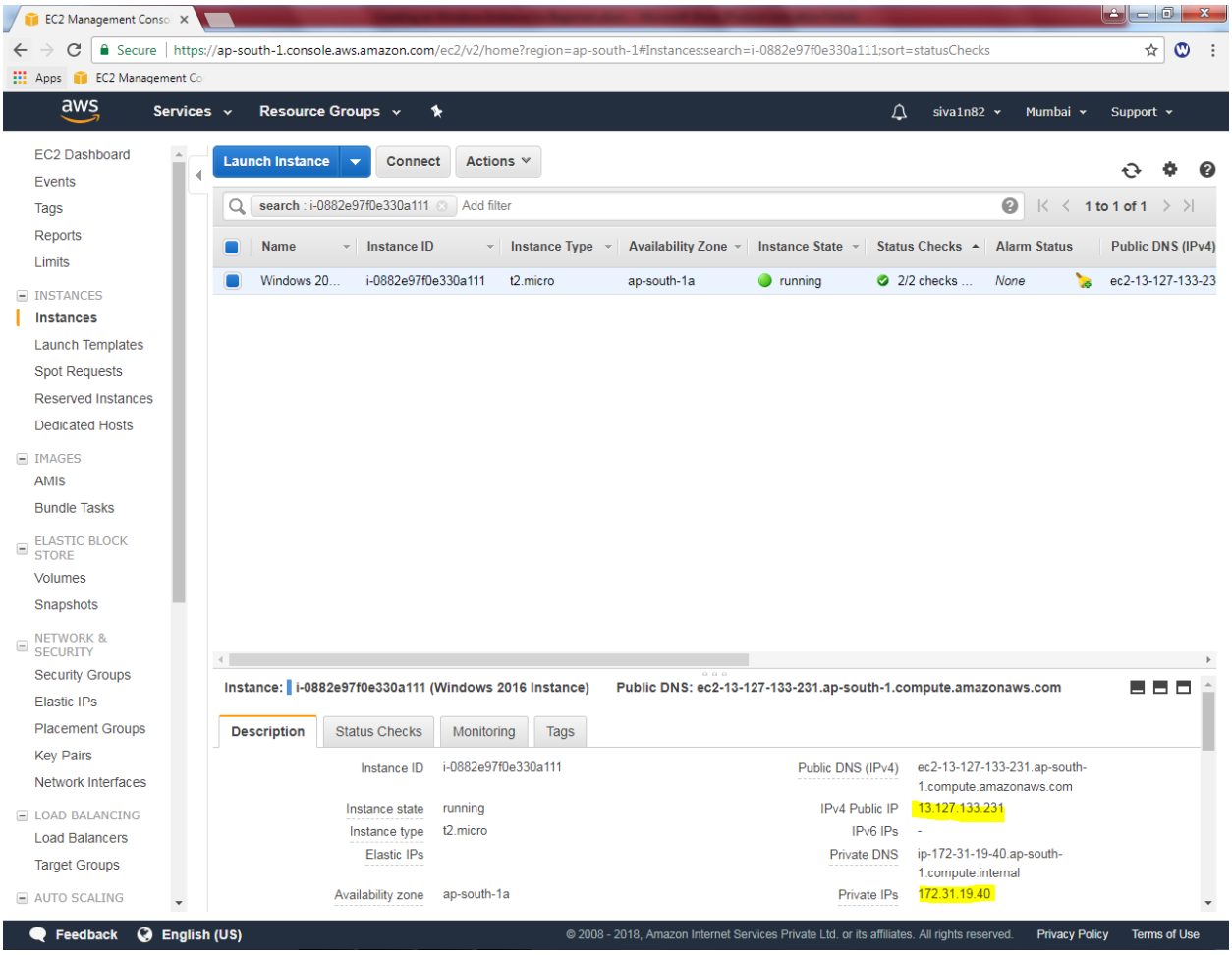
Click “Launch Instance”.

Now you have created the instance successfully.



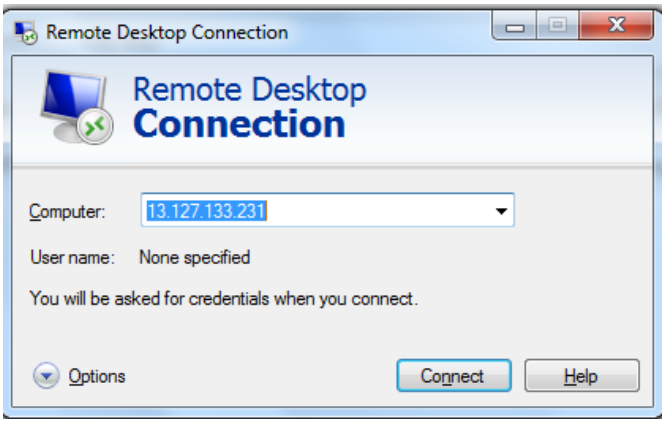
Click “View Instances”.

You need to wait up to status checks is 2/2.

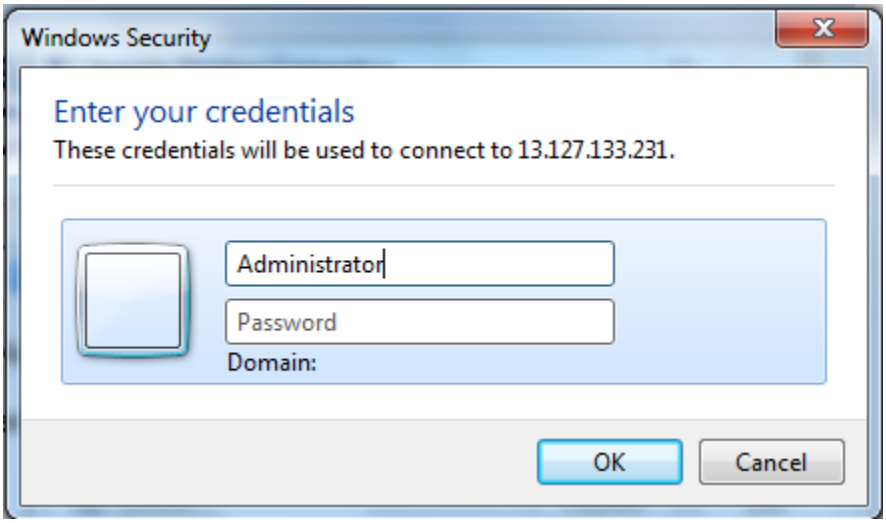


Now you can able to view the public ip address as above (13.127.133.231) and LAN IP address as (172.31.19.40). Then we need to connect the instance by using RDP.

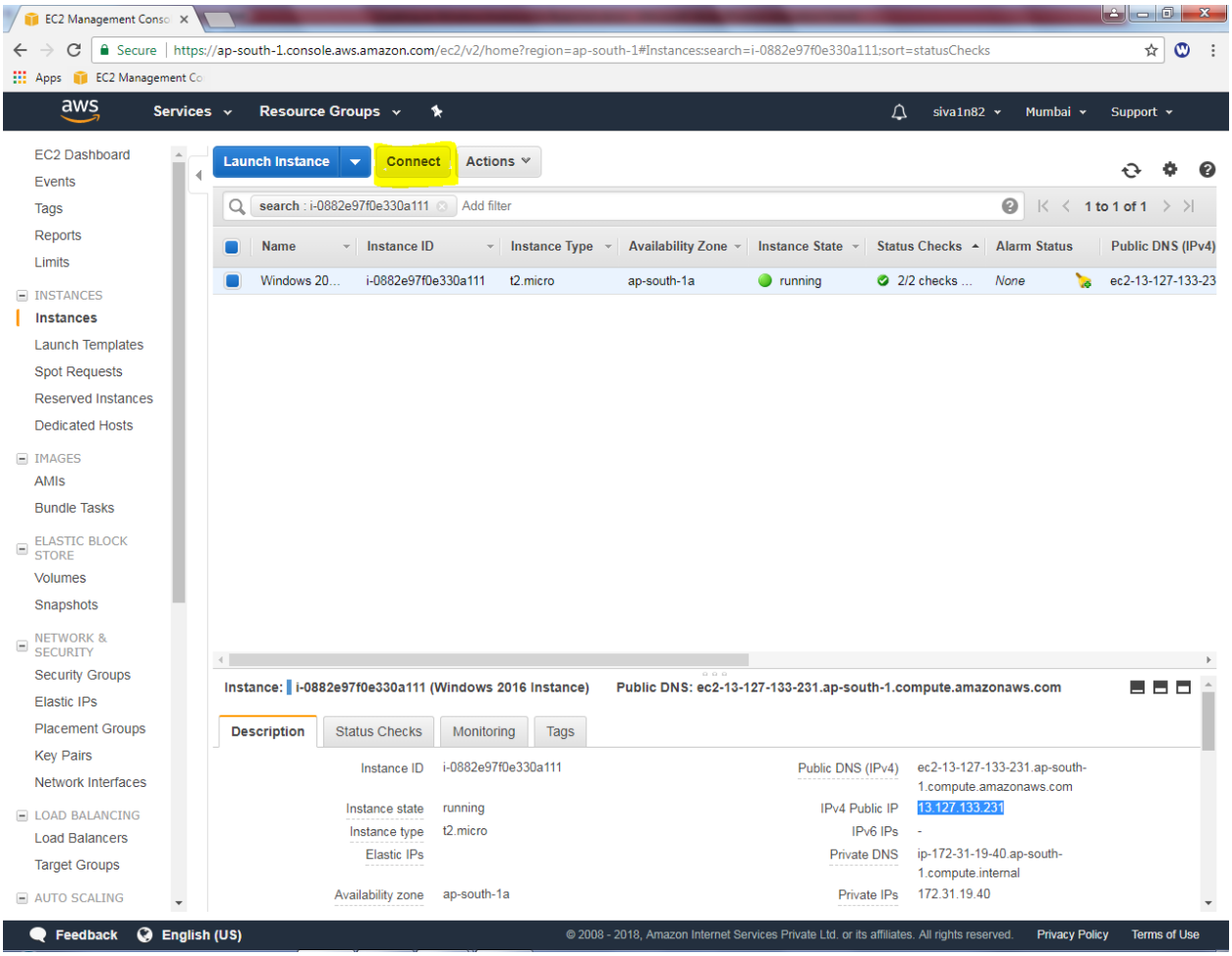
Try to connect the server by using mstsc in run command. Then type the public IP



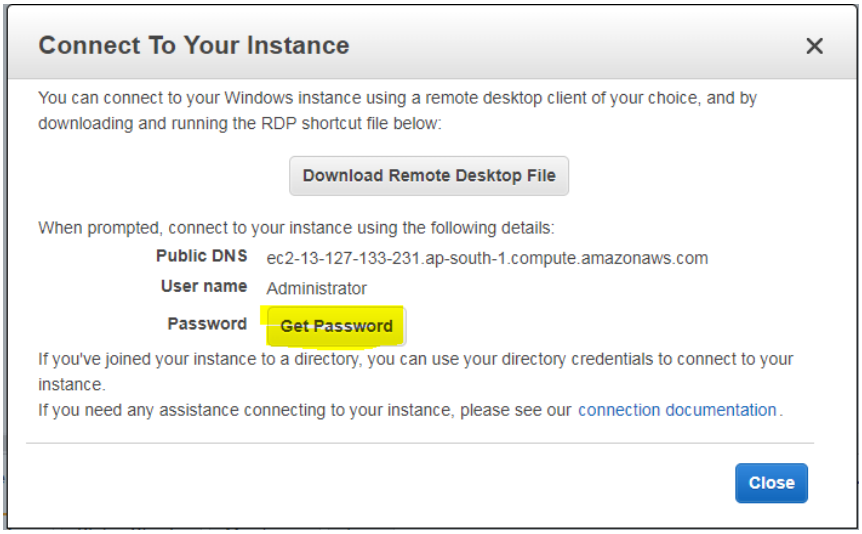
It required password,



Now, click connect button,

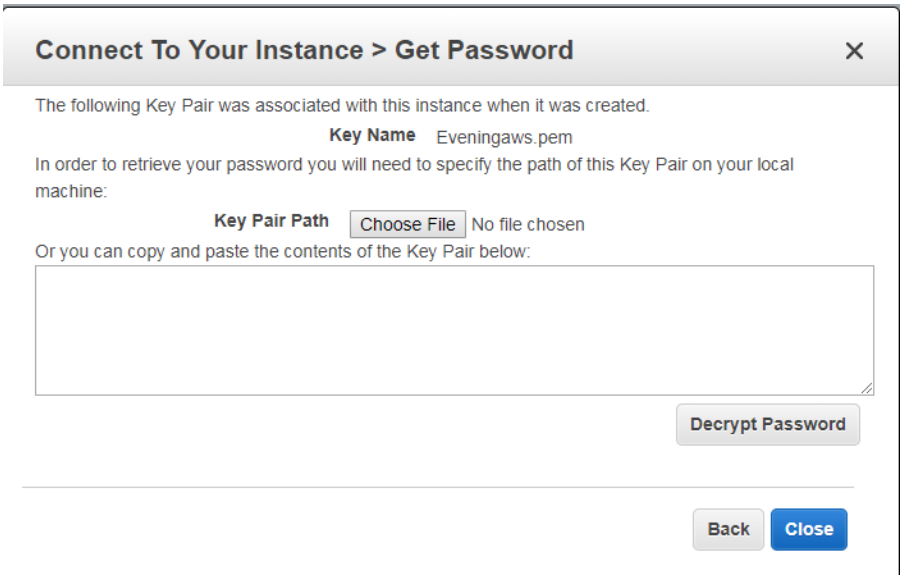


Click “Get Password”button.

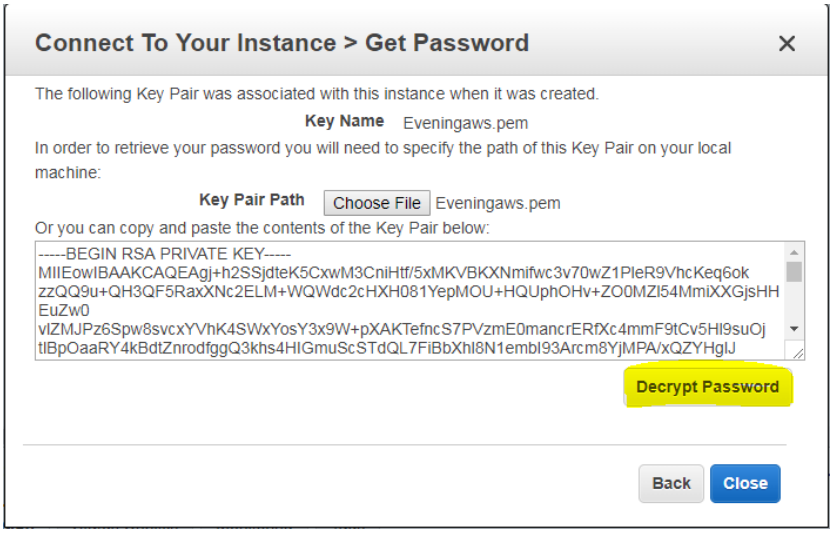


Then click “”close”.

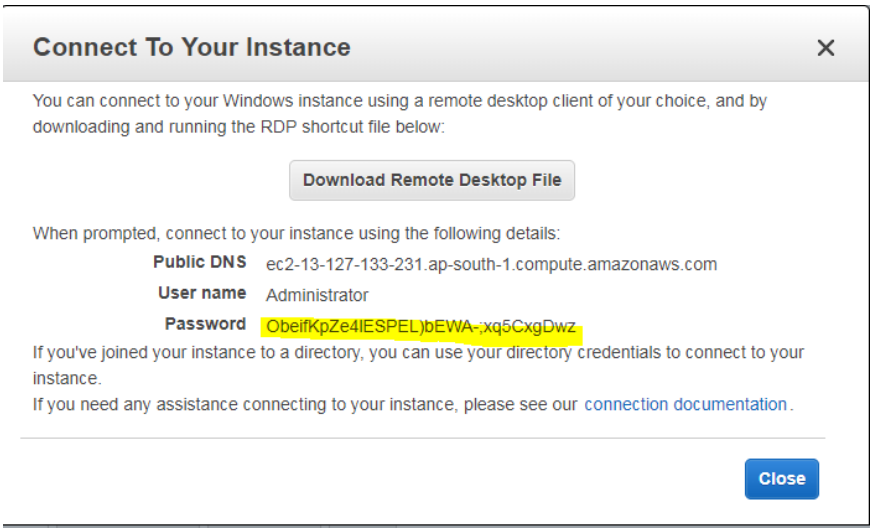
Click “choose file” and locate the “Eveningaws.pem” file.



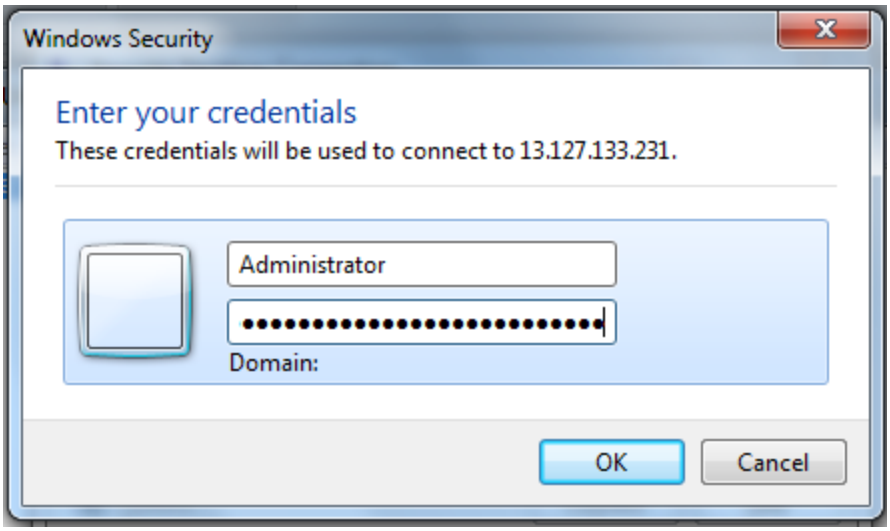
Then click “Decrypt password



password is highlighted as below.

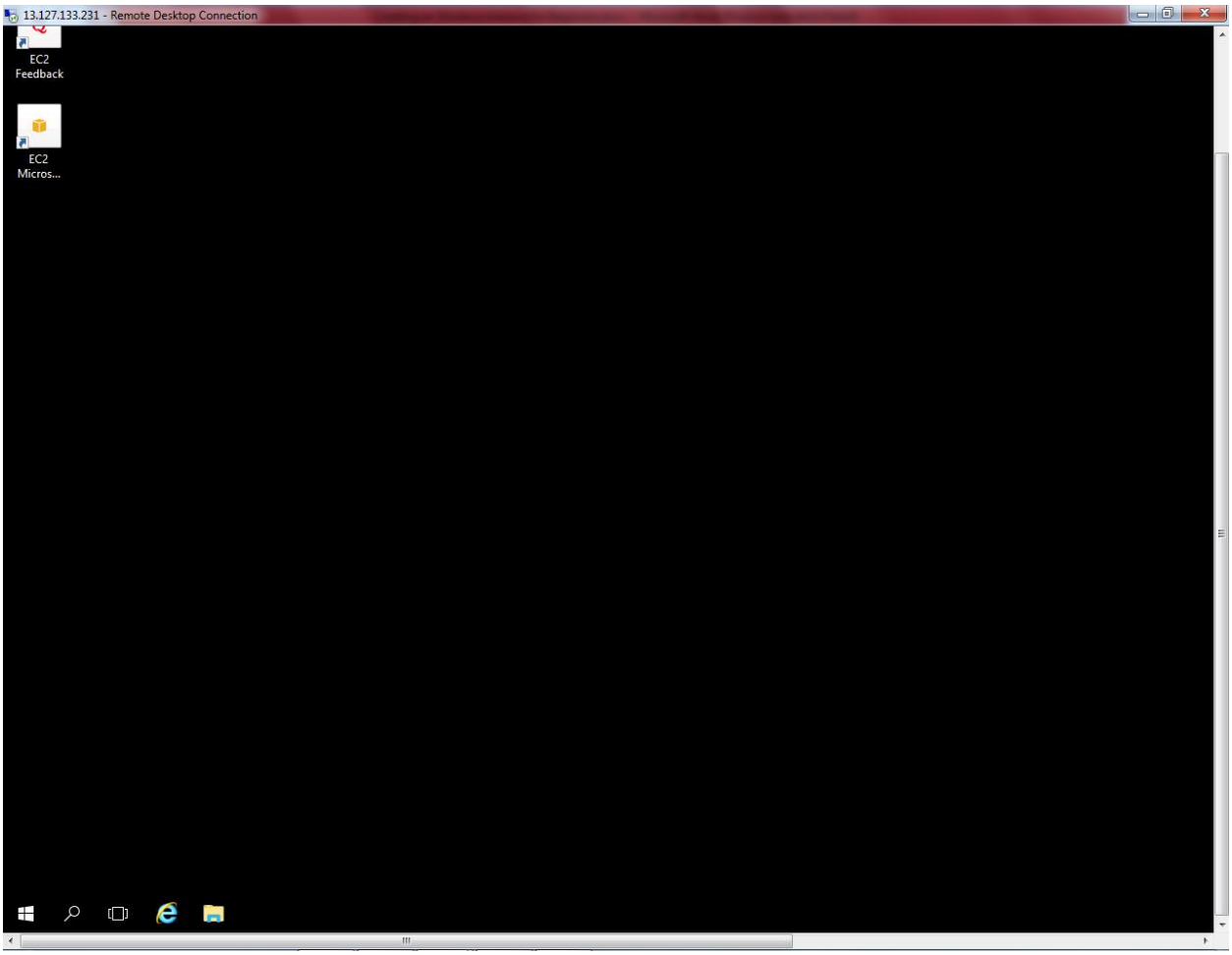


Login to server by using above login credentials.

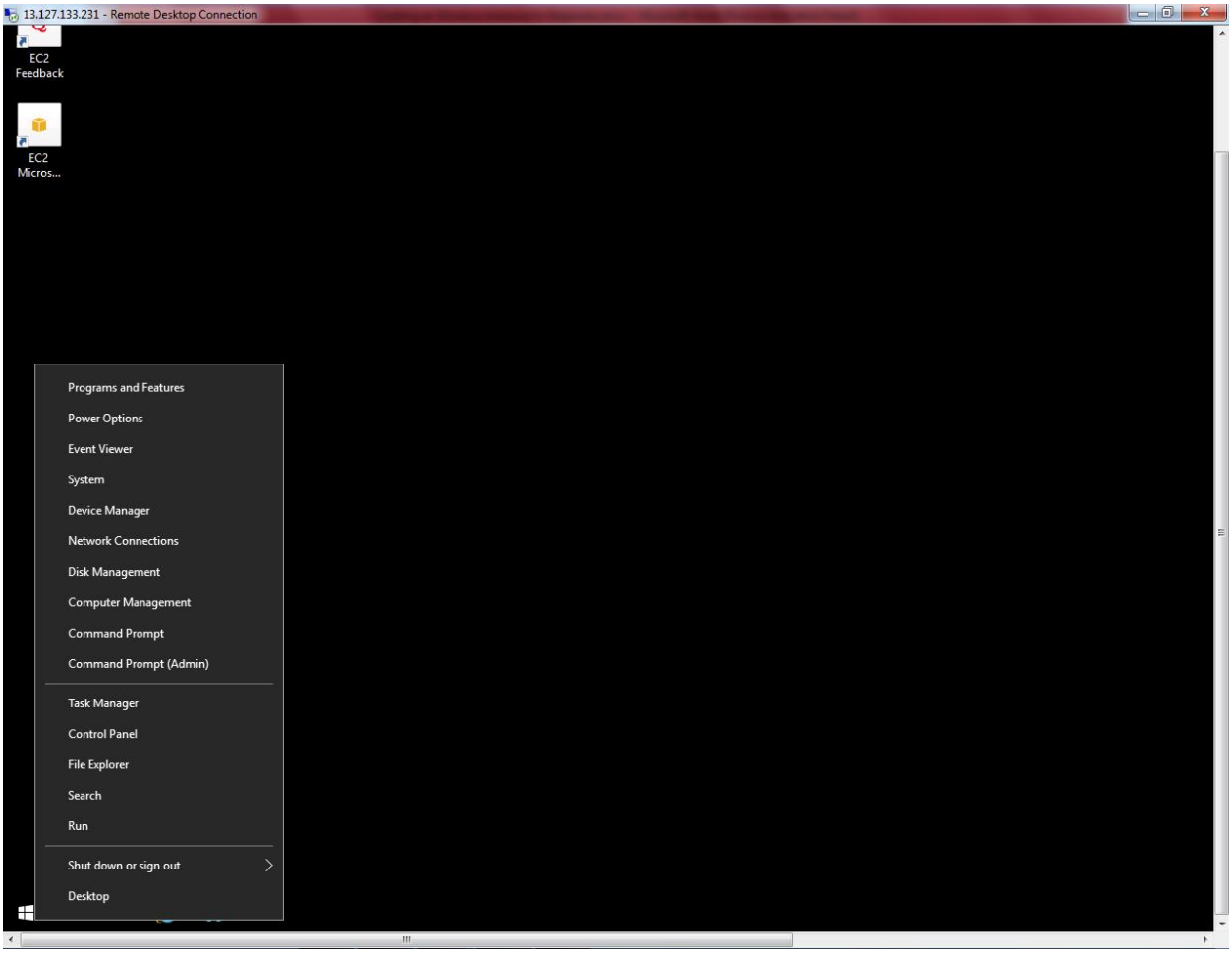


While try to login, security certificate prompts click “Yes”.

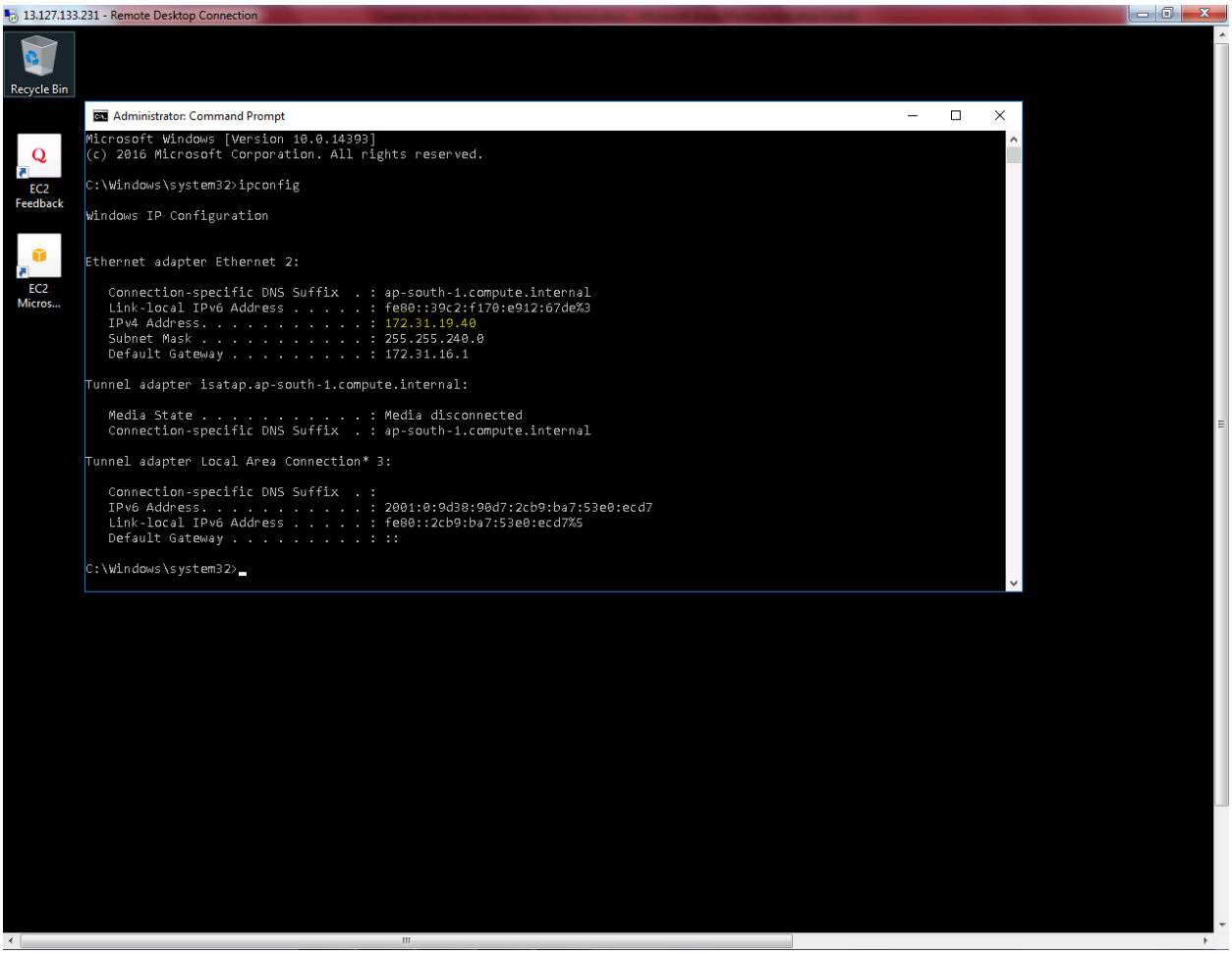
Now you have successfully login to the Windows 2016 Instance.



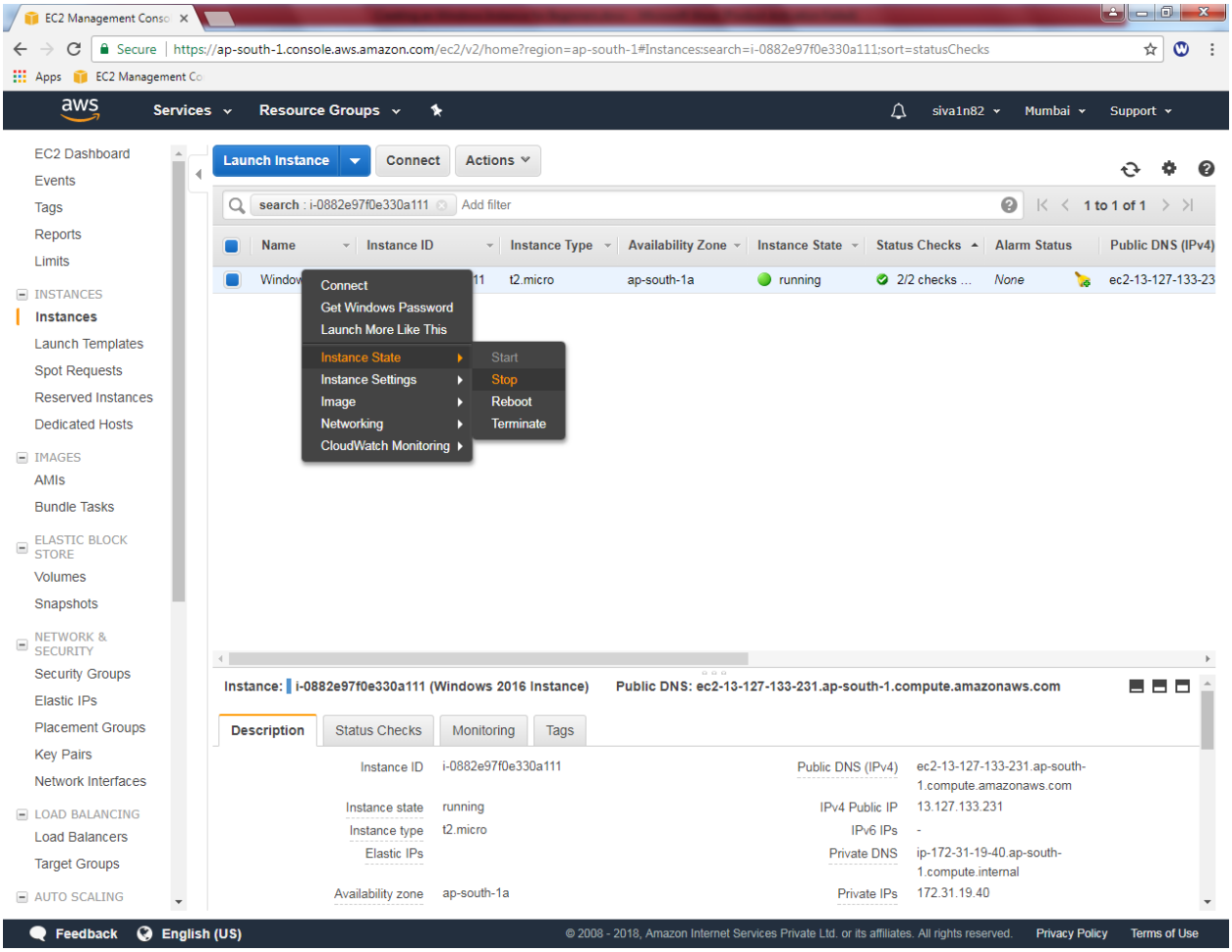
In start menu, right click then click command prompt (Admin).


13.127.133.231 - Remote Desktop Connection
EC2 Feedback
EC2 Micros...
Programs and Features
Power Options
Event Viewer
System
Device Manager
Network Connections
Disk Management
Computer Management
Command Prompt
Command Prompt (Admin)
Task Manager
Control Panel
File Explorer
Search
Run
Shut down or sign out
Desktop

In command prompt, type ipconfig to view the LAN ip address of the Windows 2016 server.



If you need to shut down the instance for later use click Instance state → Stop. (Public IP address will not change if you restart the instance. If you stop the instance public ip will change.



Otherwise, click Instance state → Terminate to shut down the server and then delete it.