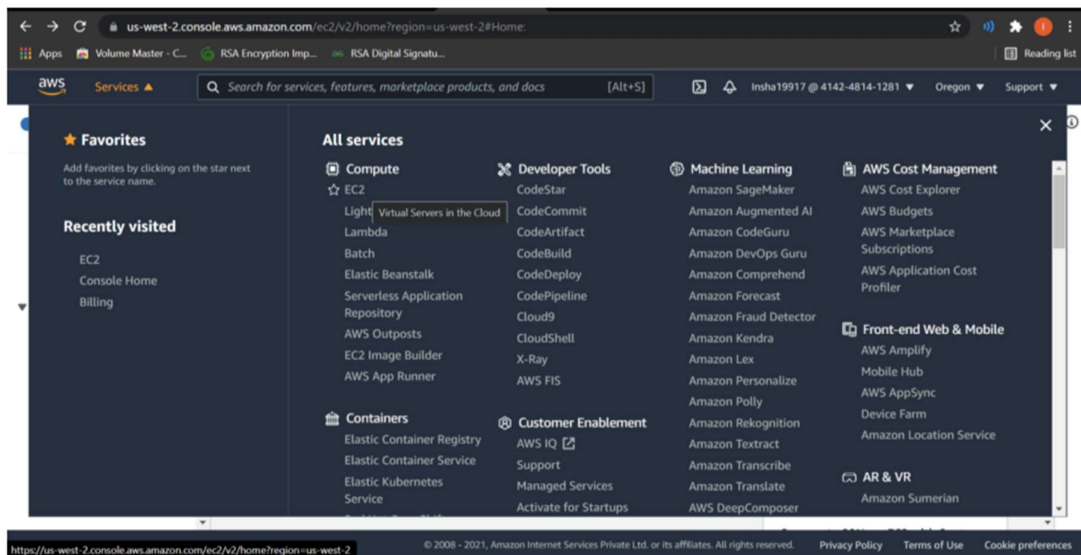
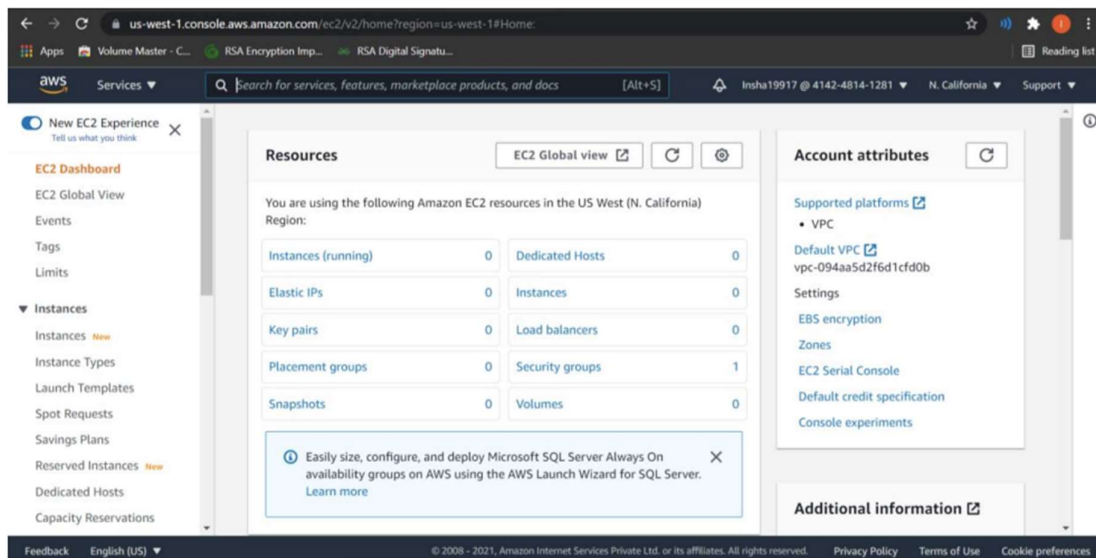


Procedure:

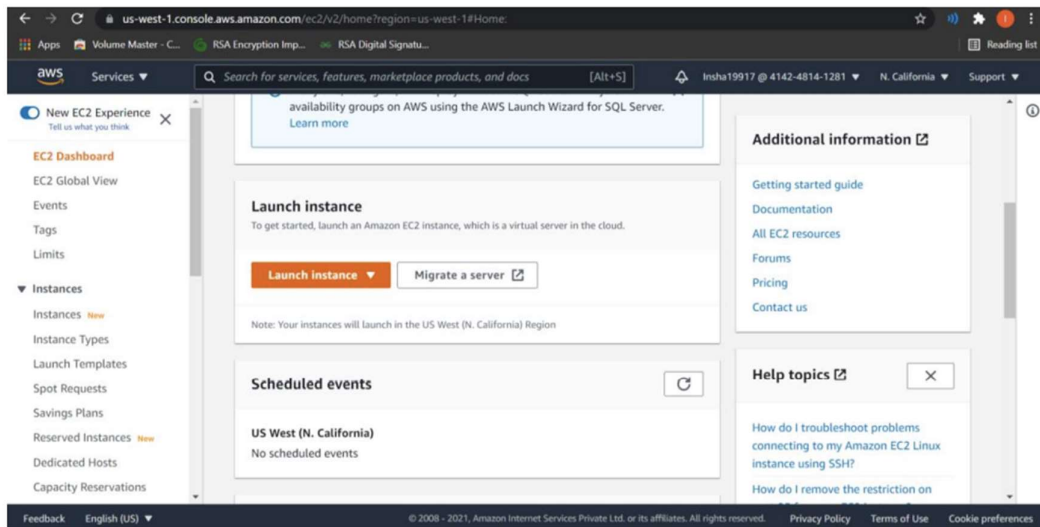
1. Go to AWS Console, in “Services” click on EC2



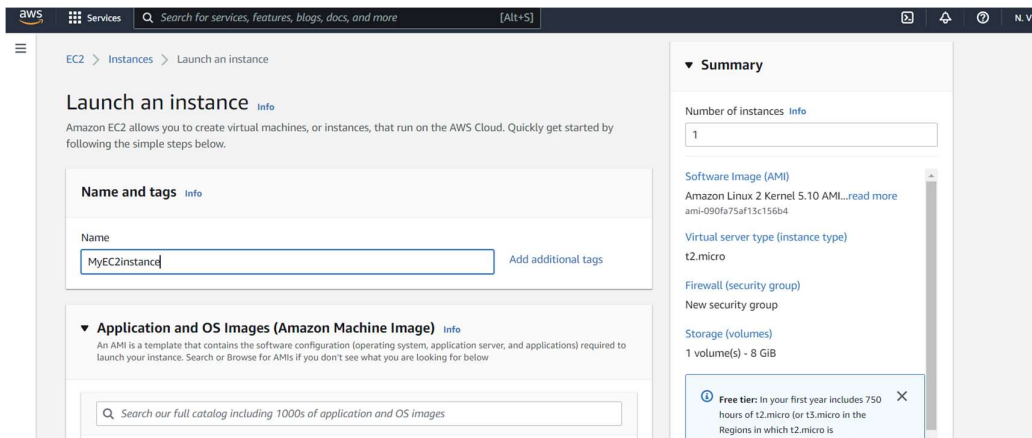
2. You will see that there isn't any instance. i.e. the count will be "0"



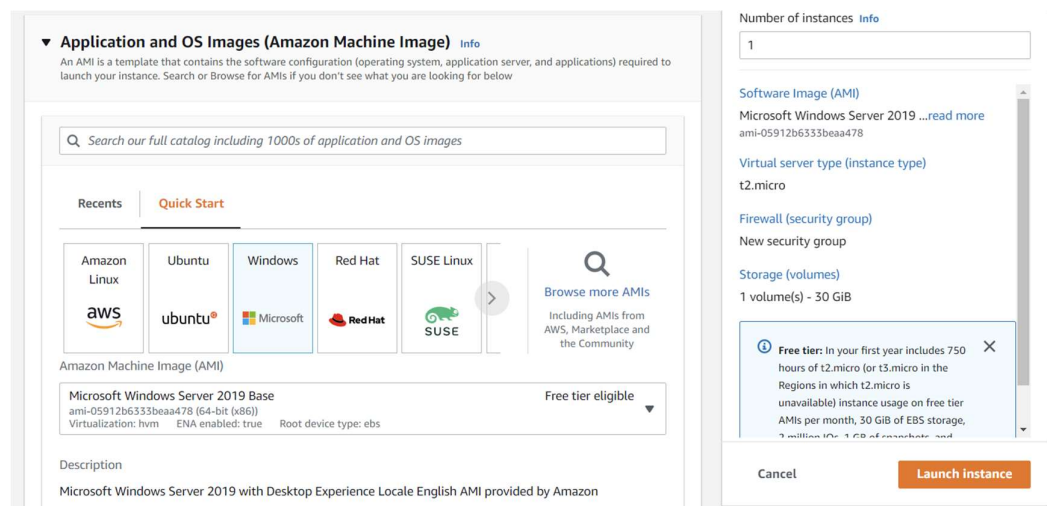
3. Scroll down and click on “Launch Instance”



4. Give the name to your instance



5. Now select your desired Amazon Machine Image (AMI). In my case, I'll be selecting Windows



5. Now, choose an Instance type, I'll go with t2 micro which is a free trial. After this click on next. This will redirect you to Configure Instance Details page.

Microsoft Windows Server 2019 Base
ami-05912b633beaa478 (64-bit (x86))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description
Microsoft Windows Server 2019 with Desktop Experience Locale English AMI provided by Amazon

Architecture: 64-bit (x86) AMI ID: ami-05912b633beaa478 **Verified provider**

Instance type Info
Instance type: **t2.micro** Free tier eligible [Compare instance types](#)
Family: t2 1 vCPU 1 GiB Memory
On-Demand Linux pricing: 0.0116 USD per Hour
On-Demand Windows pricing: 0.0162 USD per Hour

Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Summary
Number of instances Info: 1
Software Image (AMI): Microsoft Windows Server 2019 ...[read more](#)
ami-05912b633beaa478
Virtual server type (instance type): t2.micro
Firewall (security group): New security group
Storage (volumes): 1 volume(s) - 30 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, 2 million IOPS, 1 TB of snapshots, and 100 GB of bandwidth to the internet.

[Cancel](#) [Launch instance](#)

6. Create a new key pair or select the existing one

Instance type Info
Instance type: **t2.micro** Free tier eligible [Compare instance types](#)
Family: t2 1 vCPU 1 GiB Memory
On-Demand Linux pricing: 0.0116 USD per Hour
On-Demand Windows pricing: 0.0162 USD per Hour

Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*
 [Create new key pair](#)
For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

Summary
Number of instances Info: 1
Software Image (AMI): Microsoft Windows Server 2019 ...[read more](#)
ami-05912b633beaa478
Virtual server type (instance type): t2.micro
Firewall (security group): New security group
Storage (volumes): 1 volume(s) - 30 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, 2 million IOPS, 1 TB of snapshots, and 100 GB of bandwidth to the internet.

7. Configure as per your requirement. In my case, I am going to keep everything default. Click on Launch Instance

Key pair name - *required*
 [Create new key pair](#)
For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

Network settings Get guidance [Edit](#)
Network Info: vpc-0b52aad95f01181c
Subnet Info: No preference (Default subnet in any availability zone)
Auto-assign public IP Info: Enable
Firewall (security groups) Info: ☒ Create security group ☐ Select existing security group
We'll create a new security group called 'launch-wizard-5' with the following rules:
☒ Allow RDP traffic from Helps you connect to your instance 0.0.0.0/0
☐ Allow HTTP traffic from the internet To set up an endpoint, for example when creating a web server

Summary
Number of instances Info: 1
ami-05912b633beaa478
Virtual server type (instance type): t2.micro
Firewall (security group): New security group
Storage (volumes): 1 volume(s) - 30 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, 2 million IOPS, 1 TB of snapshots, and 100 GB of bandwidth to the internet.

[Cancel](#) [Launch instance](#)

8. Successfully initiated launch of instance

The screenshot shows the AWS Management Console with the 'Launch instance' page. A green success message states: 'Successfully initiated launch of instance (i-05cb83c45eaaa53ee)'. Below this, there are 'Next Steps' including getting notified of estimated charges, connecting to the instance, and viewing more resources. A 'View all instances' button is at the bottom right.

Success
Successfully initiated launch of instance (i-05cb83c45eaaa53ee)
▶ 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](#)

The screenshot shows the 'Instances (1)' page in the AWS console. The instance 'MyEC2instance' (ID: i-05cb83c45eaaa53ee) is in the 'Running' state. The page includes a table with columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
MyEC2instance	i-05cb83c45eaaa53ee	Running	t2.micro	Initializing	No alarms	us-east-1d	ec2-44-201

Select an instance

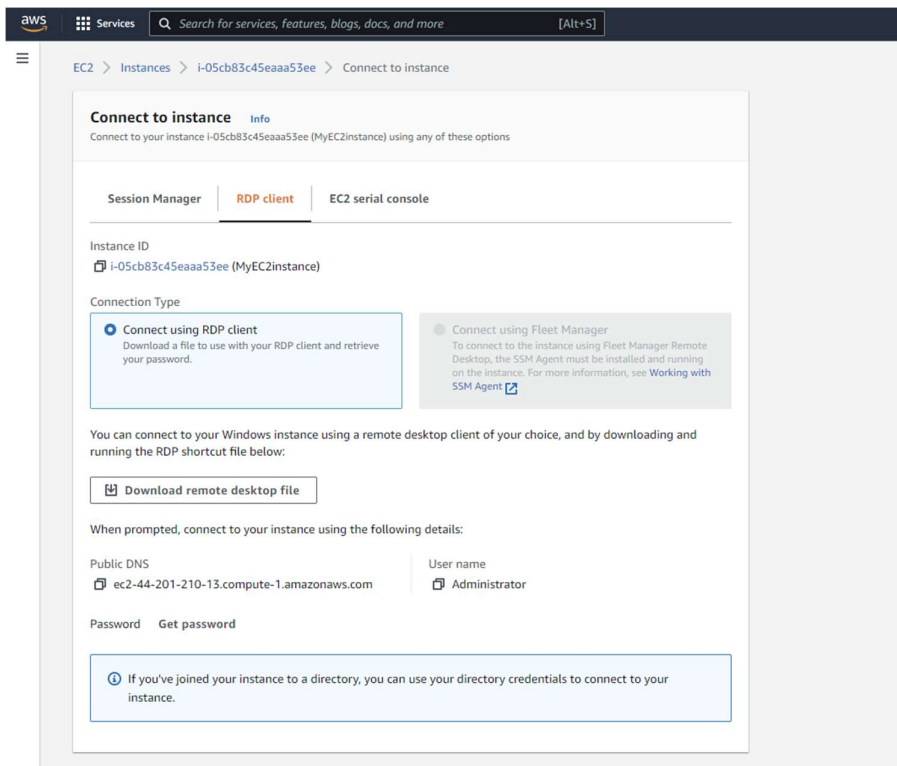
9. Click on the instance and connect

The screenshot shows the 'Instance: i-05cb83c45eaaa53ee (MyEC2instance)' details page. The 'Details' tab is selected, showing the instance summary, IP addresses, and DNS information.

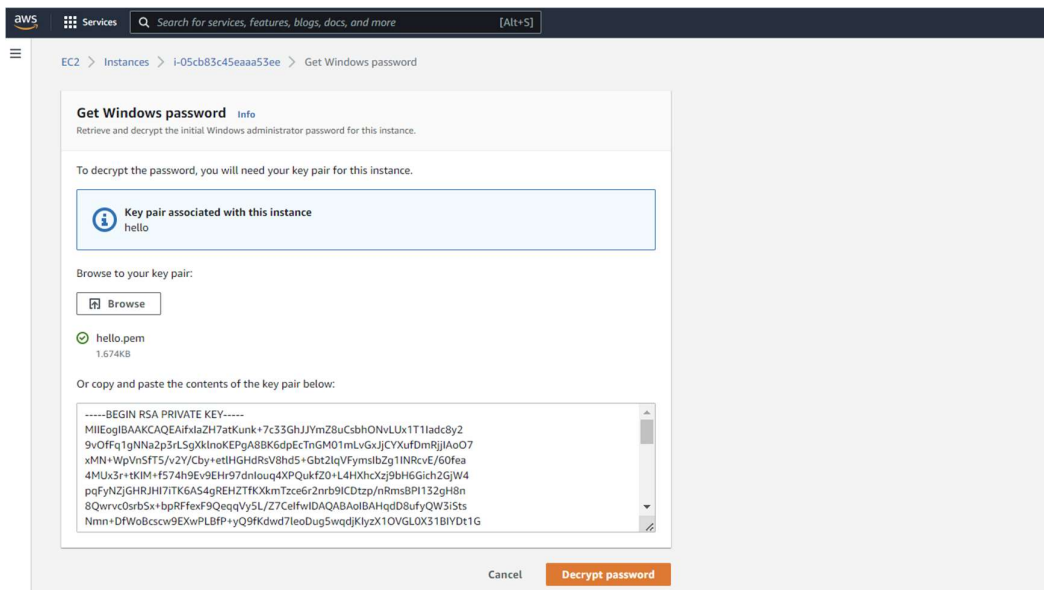
Instance summary info

Instance ID i-05cb83c45eaaa53ee (MyEC2instance)	Public IPv4 address 44.201.210.13 open address	Private IPv4 addresses 172.31.80.72
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-44-201-210-13.compute-1.amazonaws.com open address
Hostname type IP name: ip-172-31-80-72.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-80-72.ec2.internal	

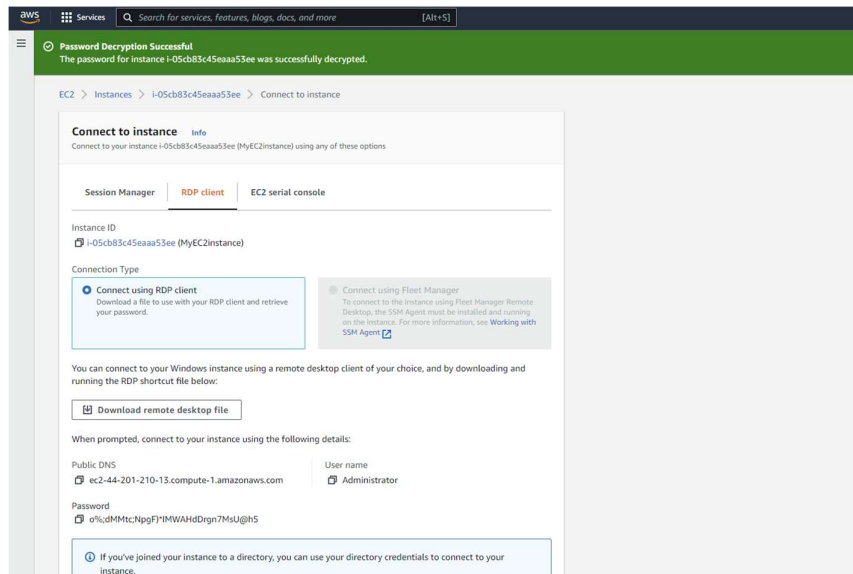
10. Click on RDP Client and click on get password



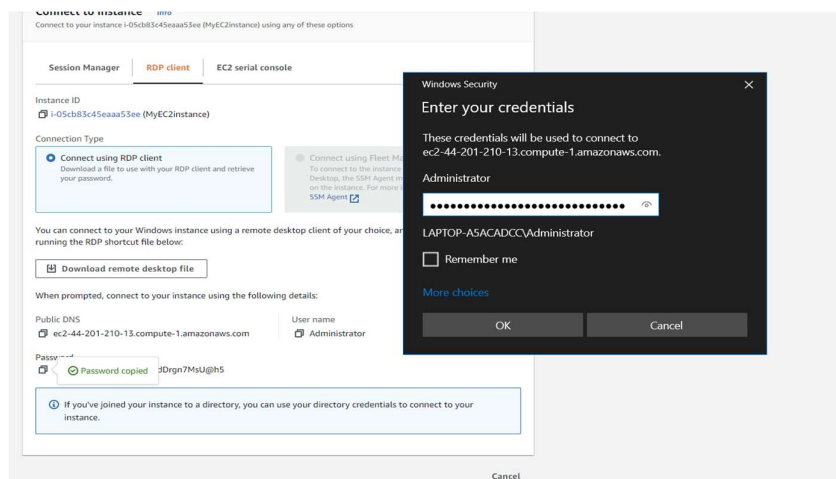
11. Click on Get password and Browse the key



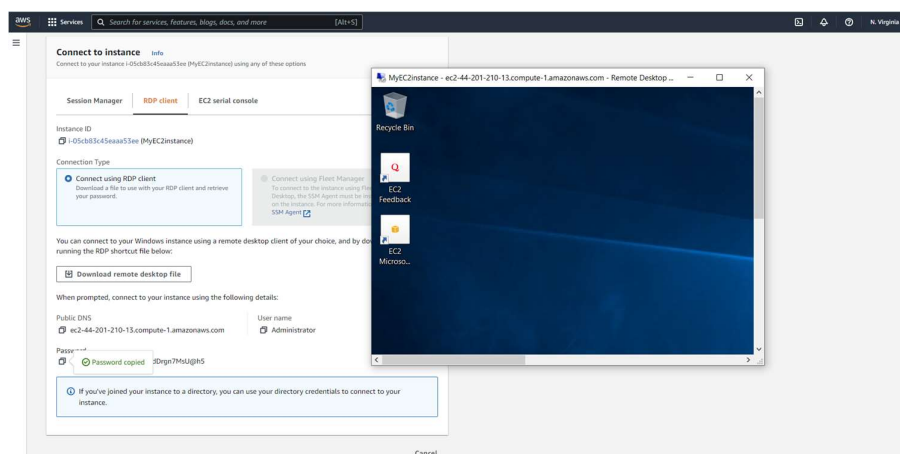
12. Decrypt the password and copy . Download Remote Desktop File



13. After downloading Remote desktop file paste the given password after some popups select Connect and Yes



14. Click on Ok



Virtual Machine Setup is Ready.