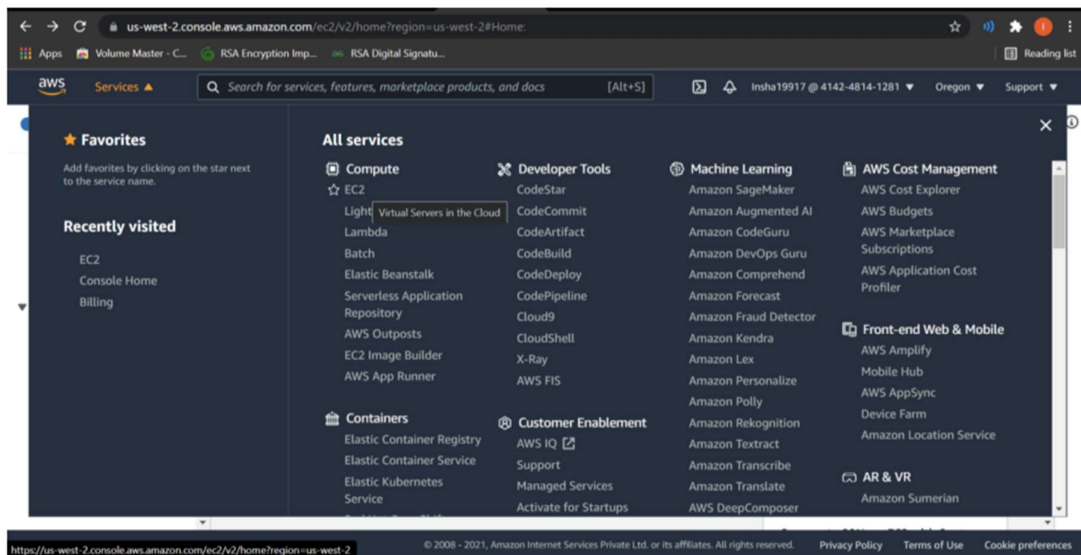
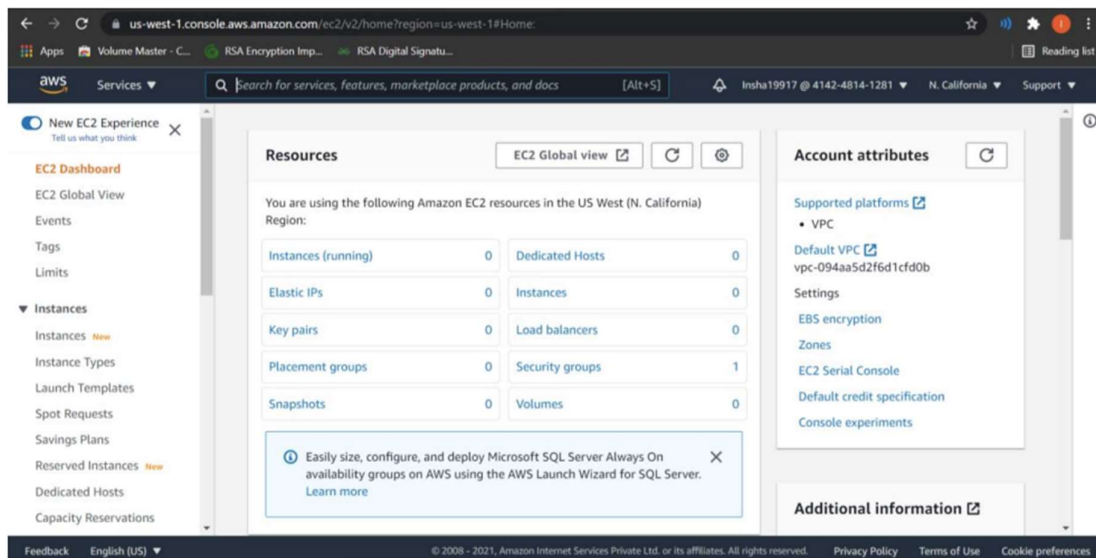


Procedure:

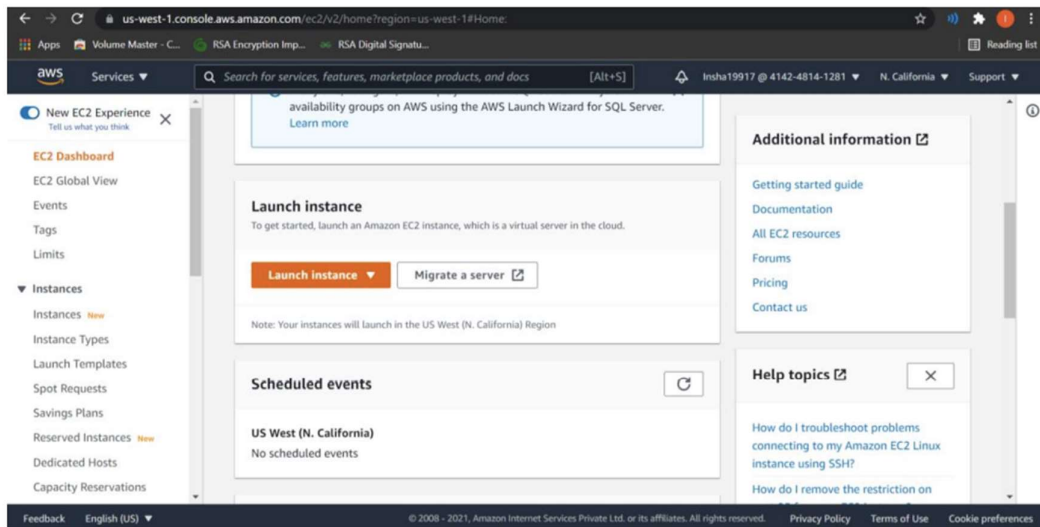
1. Go to AWS Console, in “Services” click on EC2



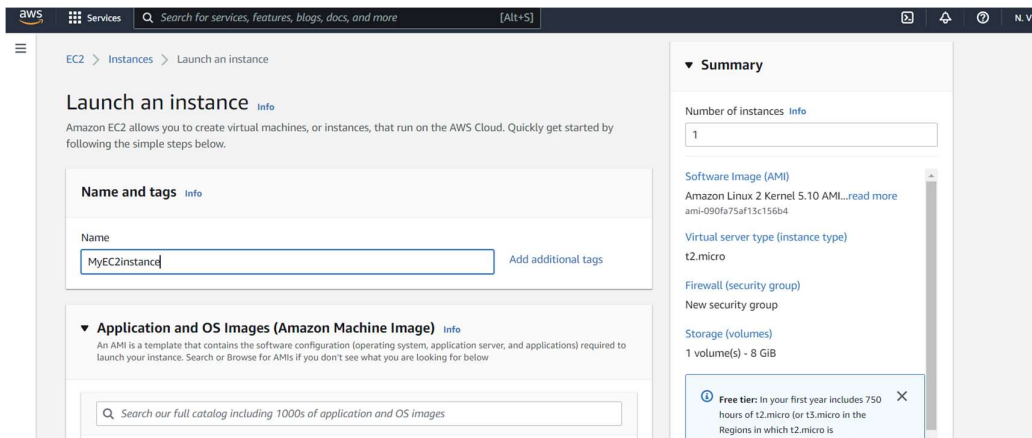
2. You will see that there isn't any instance. i.e. the count will be "0"



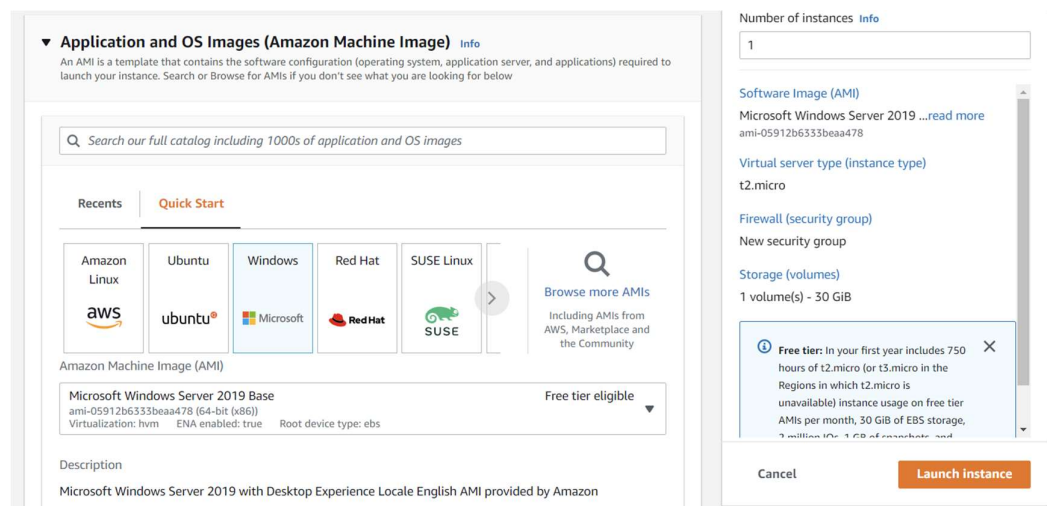
3. Scroll down and click on “Launch Instance”



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
t2.micro
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)
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

Summary
Number of instances: 1
Software Image (AMI): Microsoft Windows Server 2019 ...read more
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.

Launch instance

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

Instance type
t2.micro
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)
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
Select [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: 1
Software Image (AMI): Microsoft Windows Server 2019 ...read more
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
hello [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
vpc-0b52aad95f01181c

Subnet
No preference (Default subnet in any availability zone)

Auto-assign public IP
Enable

Firewall (security groups)
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
Anywhere
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: 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.

Launch instance

8. Successfully initiated launch of instance

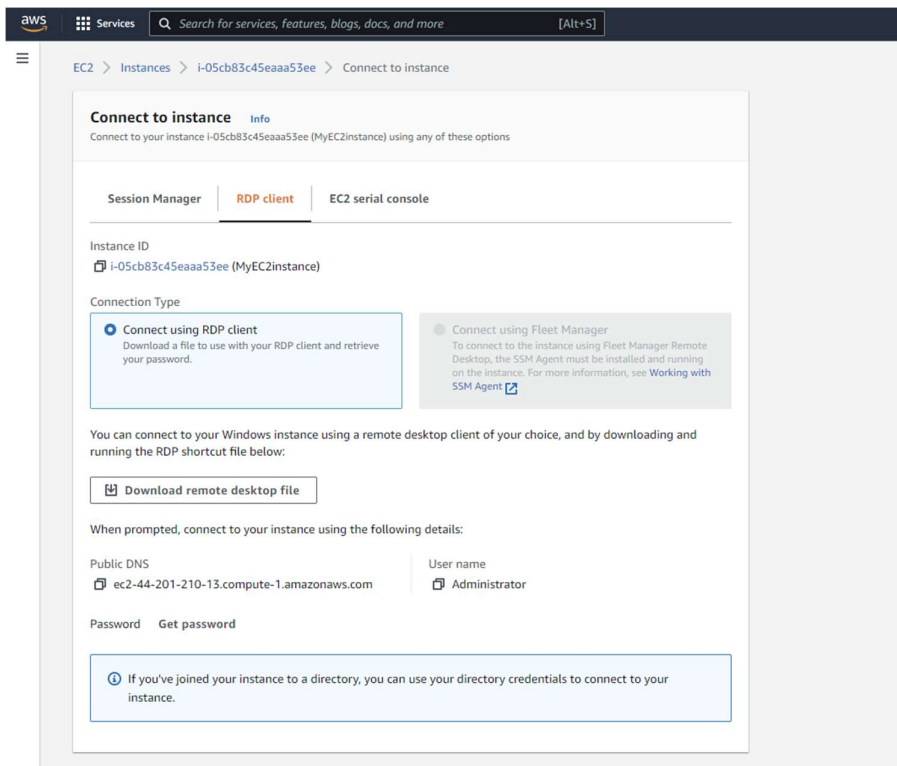
The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services' menu, a search bar, and a user profile. Below the navigation bar, a message states: 'You've been opted into the new launch experience. Find out more about this experience or send us feedback. You can still return to the previous version by opting-out. Opt out to the old experience'. The main content area is titled 'EC2 > Instances > Launch an instance'. It features a green success banner with a checkmark icon and the text: 'Success Successfully initiated launch of instance (i-05cb83c45eaaa53ee)'. Below the banner is a 'Launch log' link. Underneath, there's a 'Next Steps' section with two sub-sections: 'Get notified of estimated charges' (with a link to create billing alerts) and 'How to connect to your instance' (with instructions on monitoring the instance status and connecting to it). A 'View all instances' button is located at the bottom right of the 'Next Steps' section.

The screenshot shows the AWS Management Console interface. The left sidebar contains a navigation menu with options like 'New EC2 Experience', 'EC2 Dashboard', 'EC2 Global View', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Scheduled Instances', 'Capacity Reservations', 'Images', 'AMIs', 'AMI Catalog', and 'Elastic Block Store'. The main content area is titled 'Instances (1) Info'. It features a search bar and a table with columns: Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4. The table contains one entry: 'MyEC2instance' with Instance ID 'i-05cb83c45eaaa53ee', Instance state 'Running', Instance type 't2.micro', Status check 'Initializing', Alarm status 'No alarms', Availability Zone 'us-east-1d', and Public IPv4 'ec2-44-201'. Below the table, there's a 'Select an instance' section.

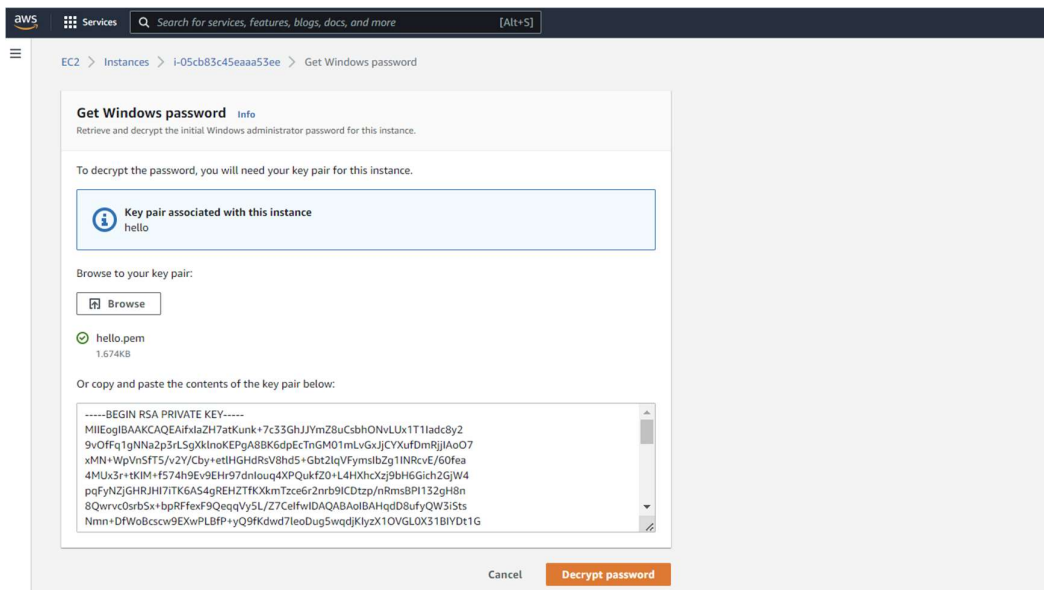
9. Click on the instance and connect

The screenshot shows the AWS Management Console interface. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Instances (1/1) Info'. It features a search bar and a table with columns: Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4. The table contains one entry: 'MyEC2instance' with Instance ID 'i-05cb83c45eaaa53ee', Instance state 'Running', Instance type 't2.micro', Status check 'Initializing', Alarm status 'No alarms', Availability Zone 'us-east-1d', and Public IPv4 'ec2-44-201'. Below the table, there's a 'Select an instance' section. The instance 'MyEC2instance' is selected, and its details are shown in a panel titled 'Instance: i-05cb83c45eaaa53ee (MyEC2instance)'. The panel has tabs for 'Details', 'Security', 'Networking', 'Storage', 'Status checks', 'Monitoring', and 'Tags'. The 'Details' tab is active, showing the following information: Instance ID 'i-05cb83c45eaaa53ee (MyEC2instance)', IPv6 address '-', Hostname type 'IP name: ip-172-31-80-72.ec2.internal', Public IPv4 address '44.201.210.13 | open address', Private IPv4 addresses '172.31.80.72', Public IPv4 DNS 'ec2-44-201-210-13.compute-1.amazonaws.com | open address', and Private IP DNS name (IPv4 only) 'ip-172-31-80-72.ec2.internal'.

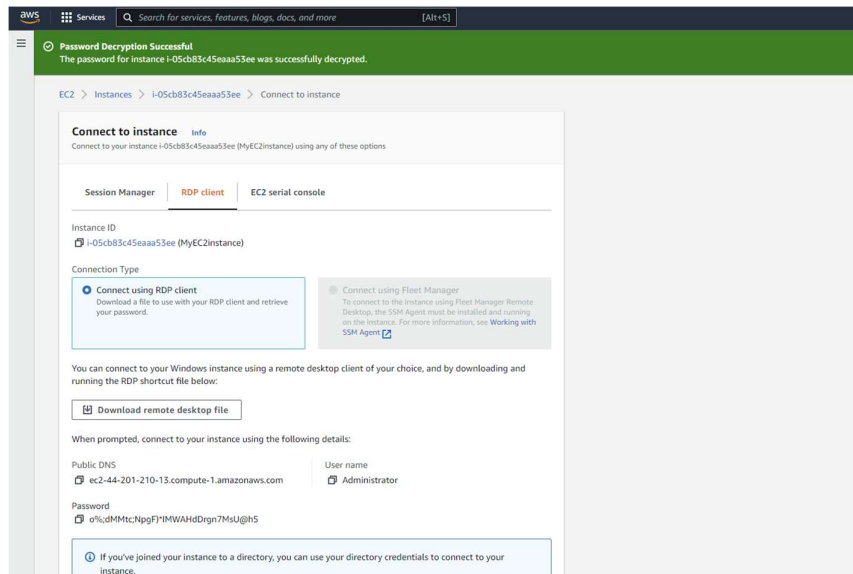
10. Click on RDP Client and click on get password



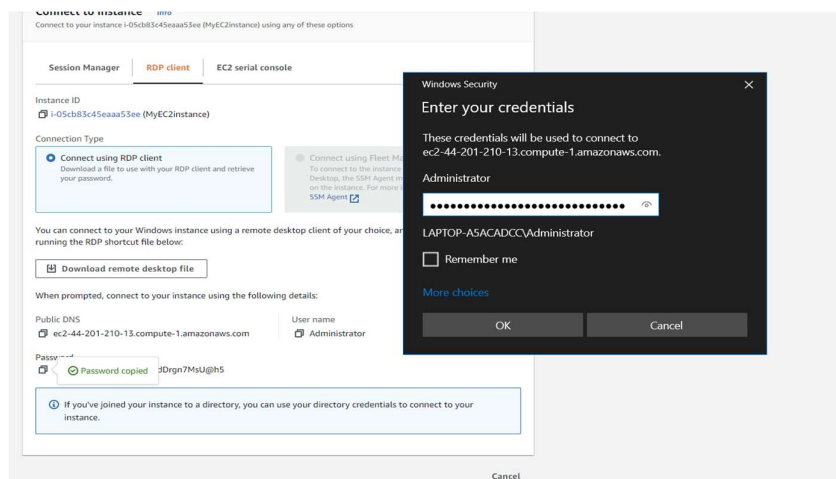
11. Click on Get password and Browse the key



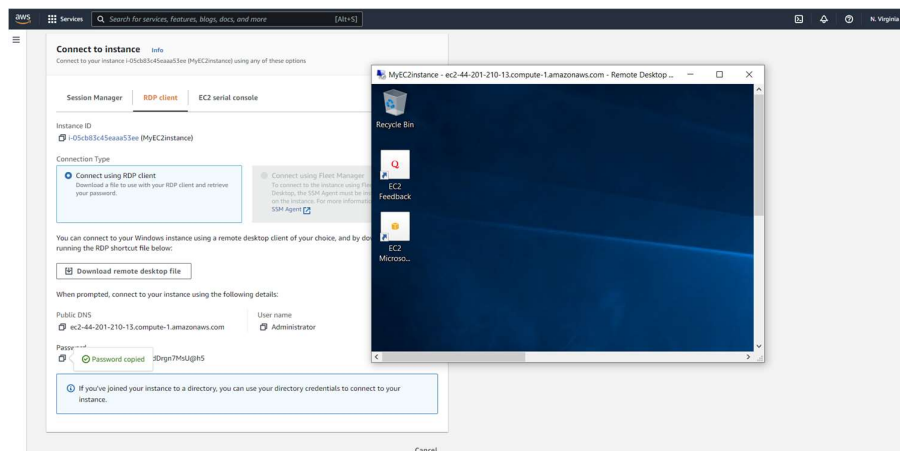
12. Decrypt the password and copy . Download Remote Desktop File



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.