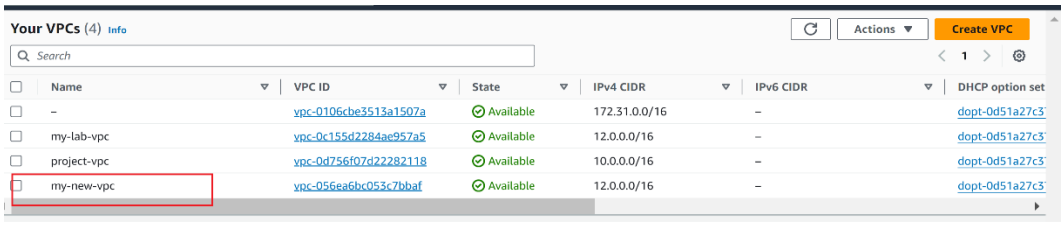
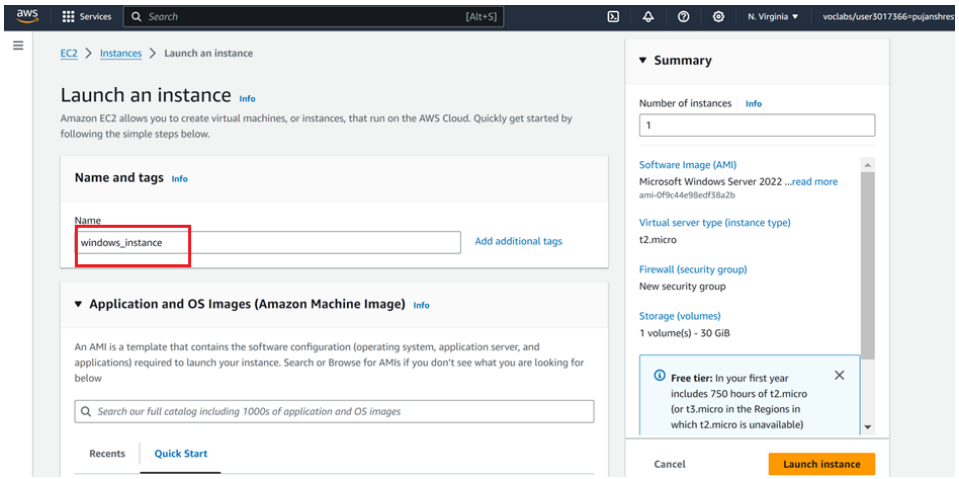
1.Hosting the Static Website on EC2 and accessing via public IP using VPC

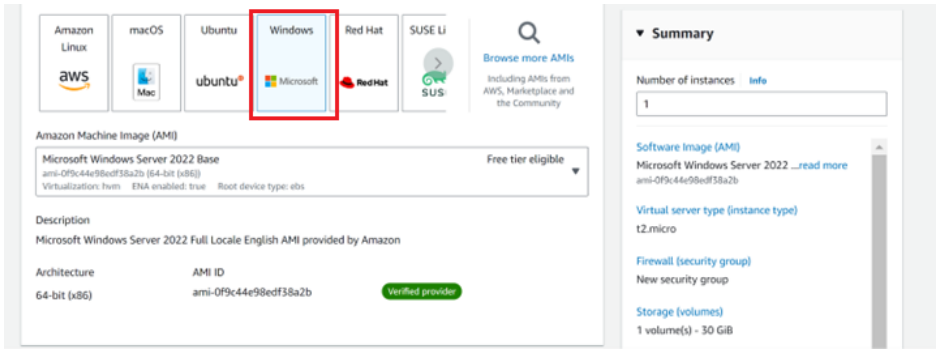
First, we start by creating a VPC. We will be using our VPC that we created earlier.



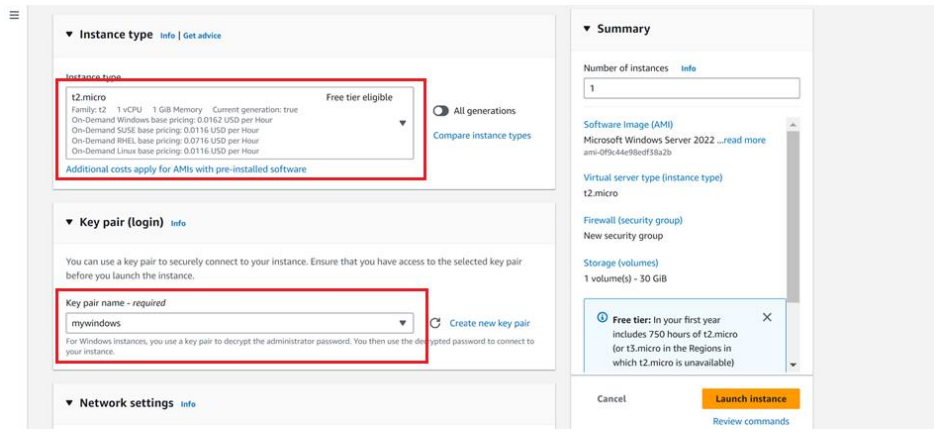
Next, we create an EC2 Instance with required configuration with our VPC



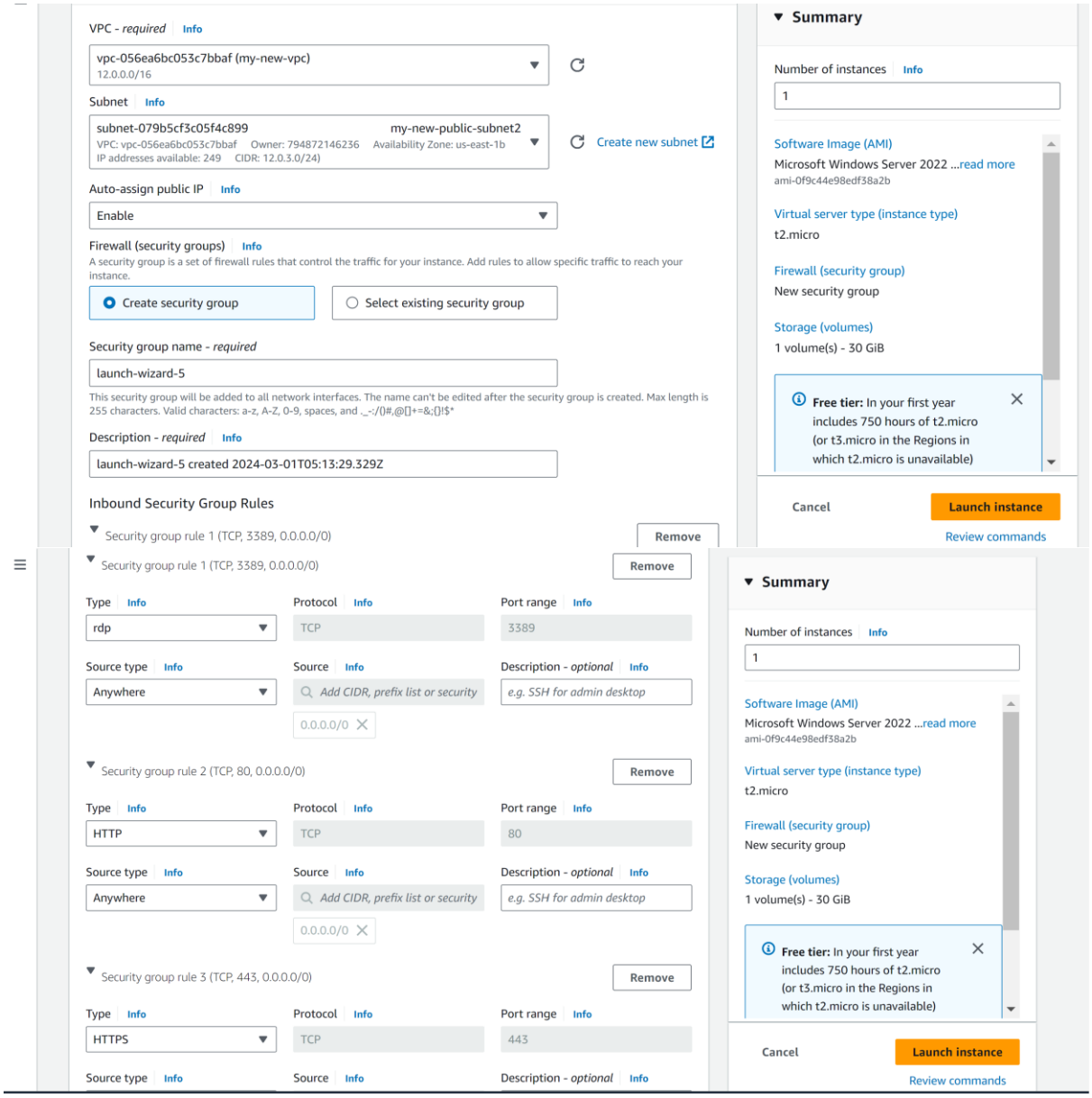
Select Windows as AMI

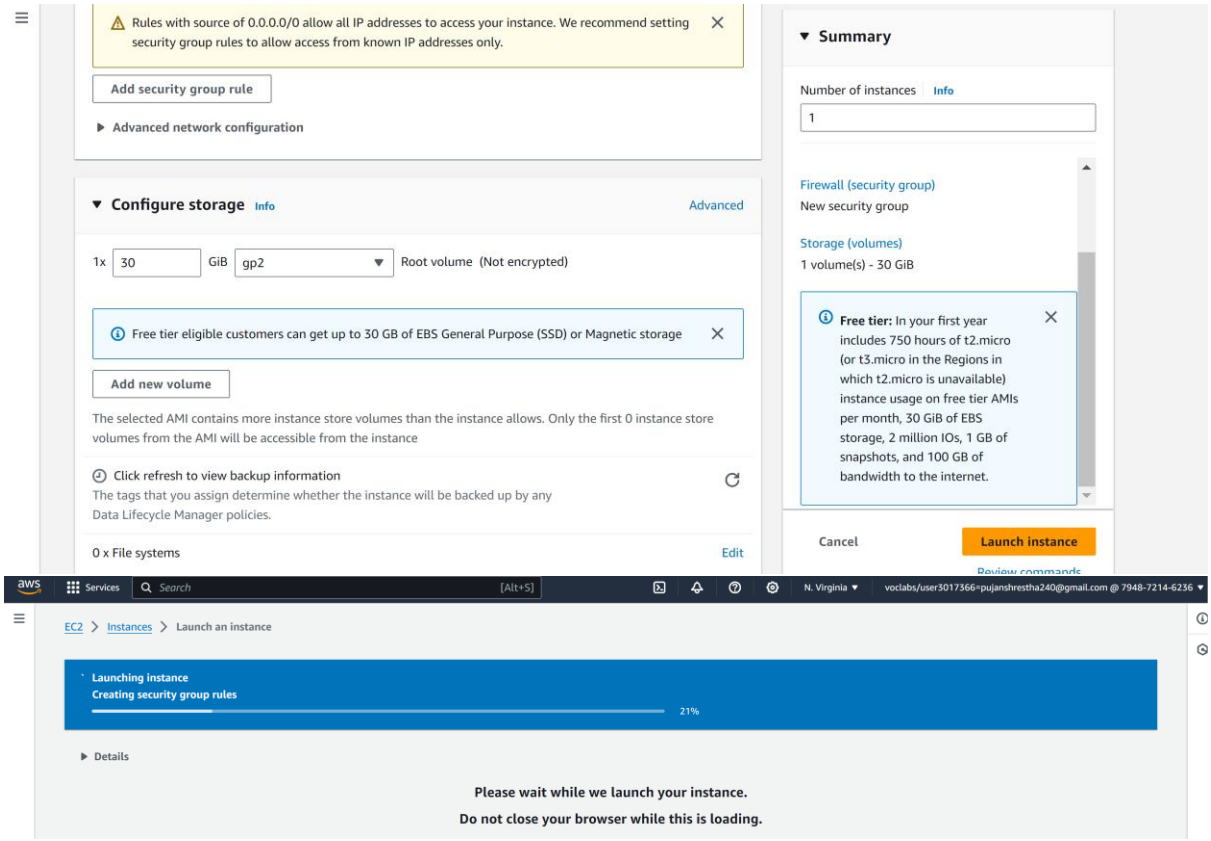


Create a new key pair name. I have named it *mywindows.pem* and download it

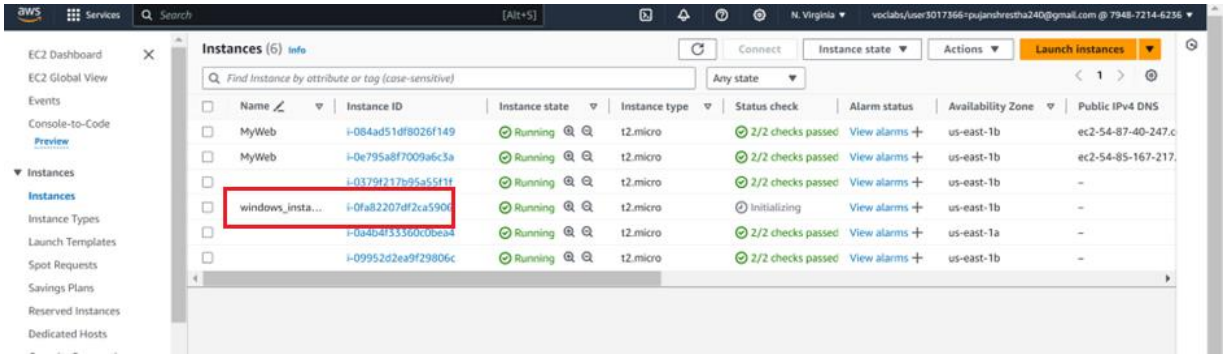


Now we auto assign our created VPC as select subnet as public subnet.

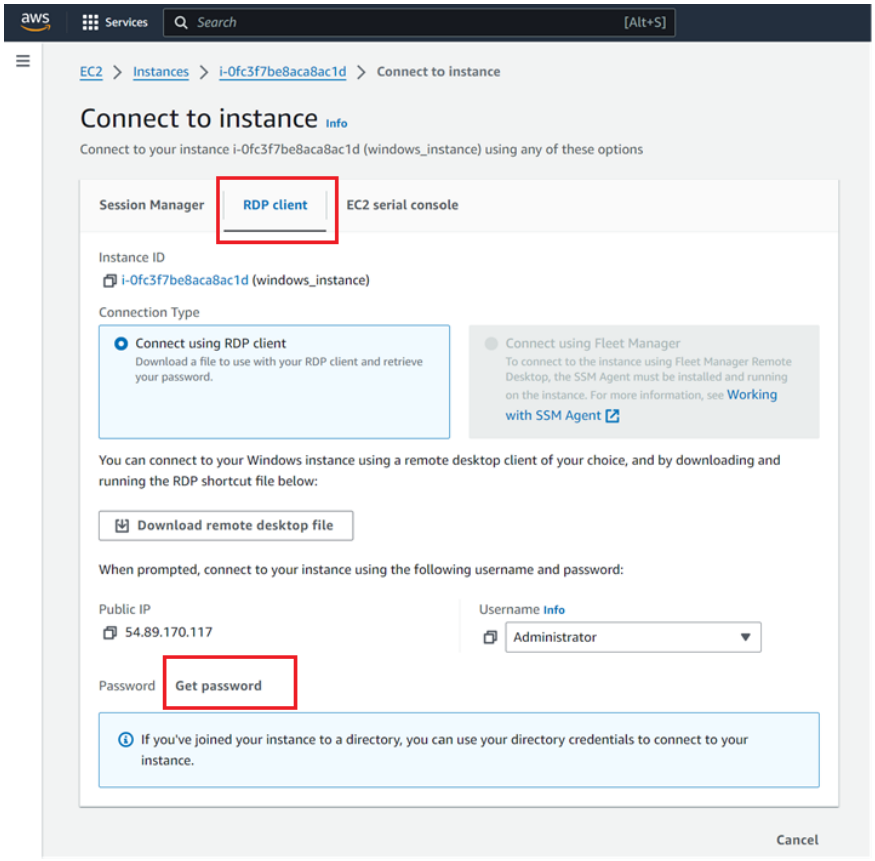




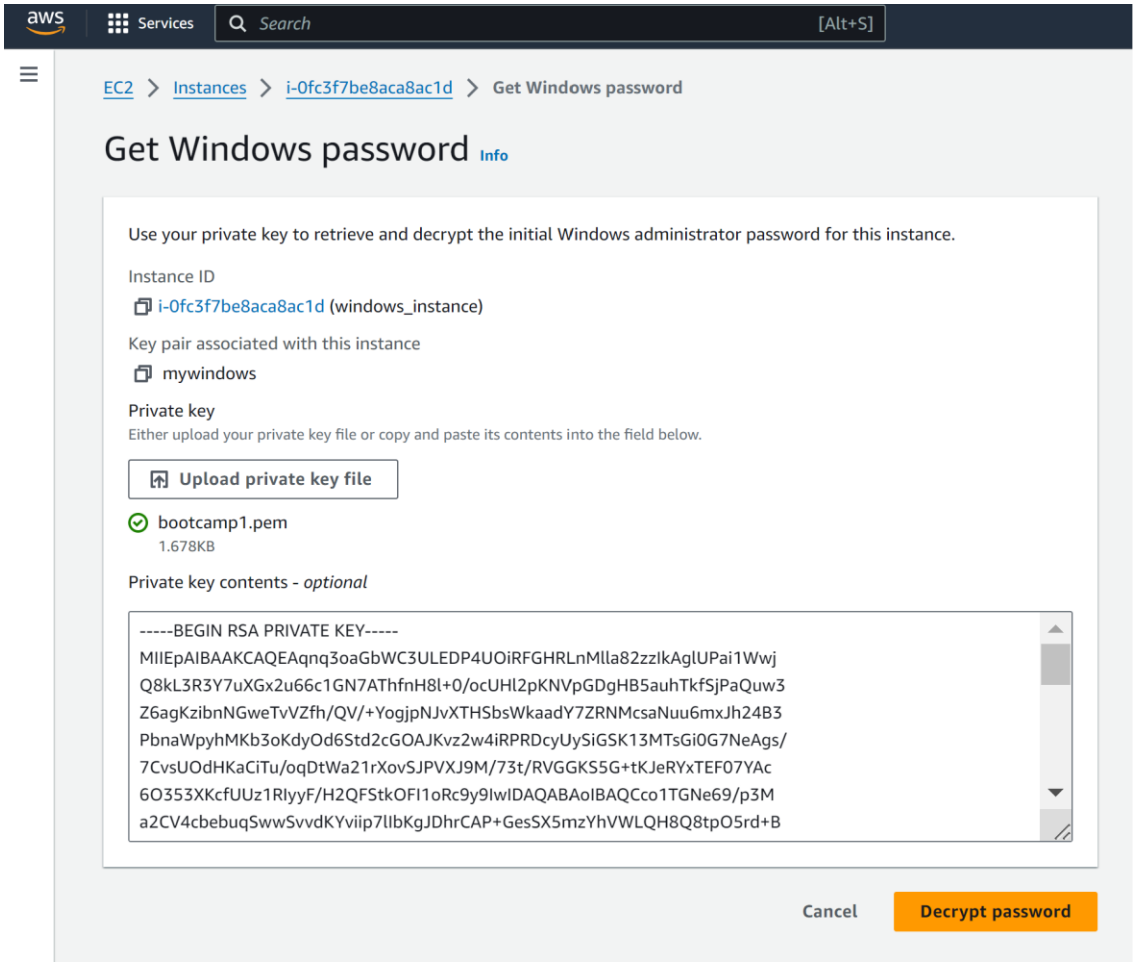
Our instance has been created with Windows as its AMI.

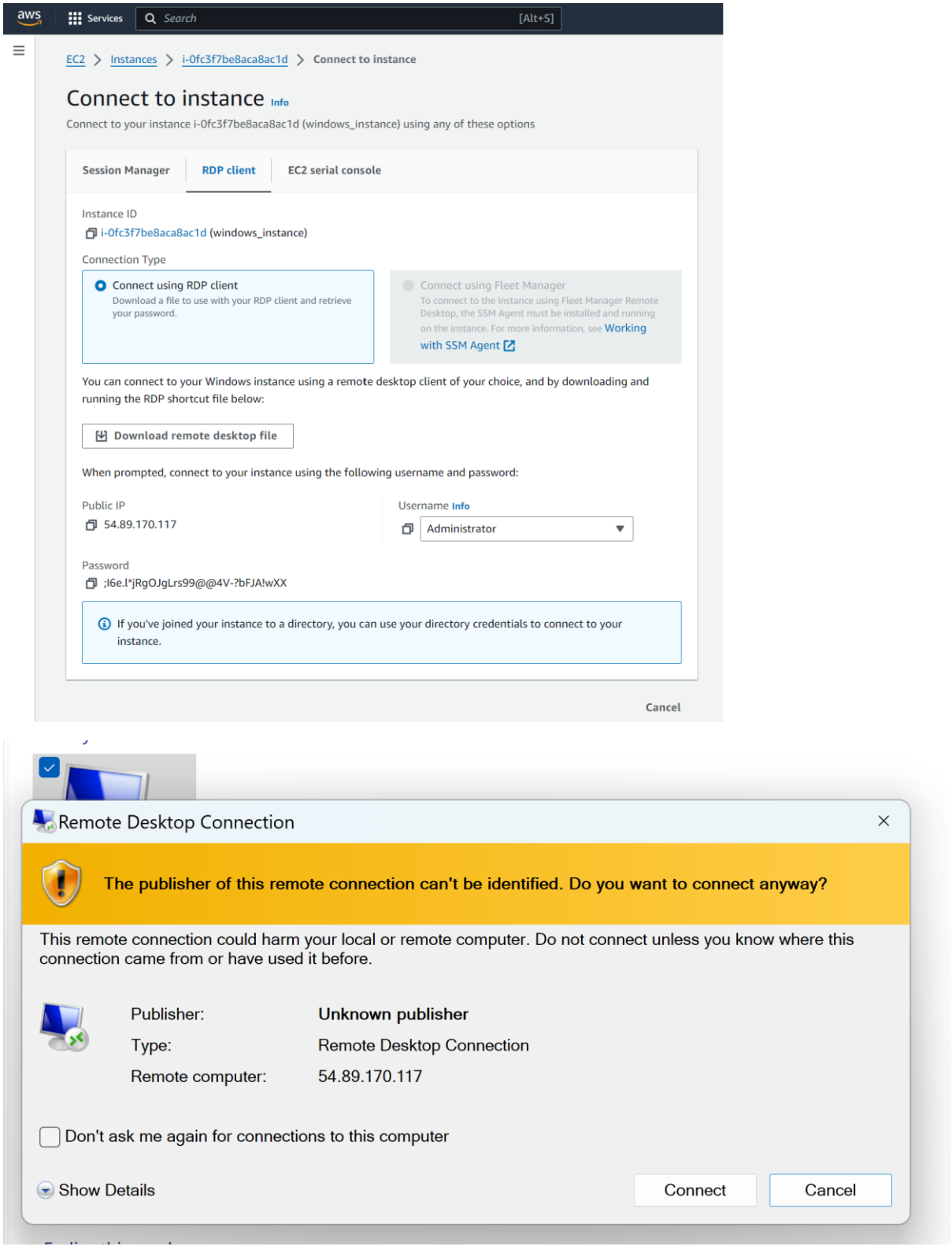


Connect EC2 and Select RDP Client

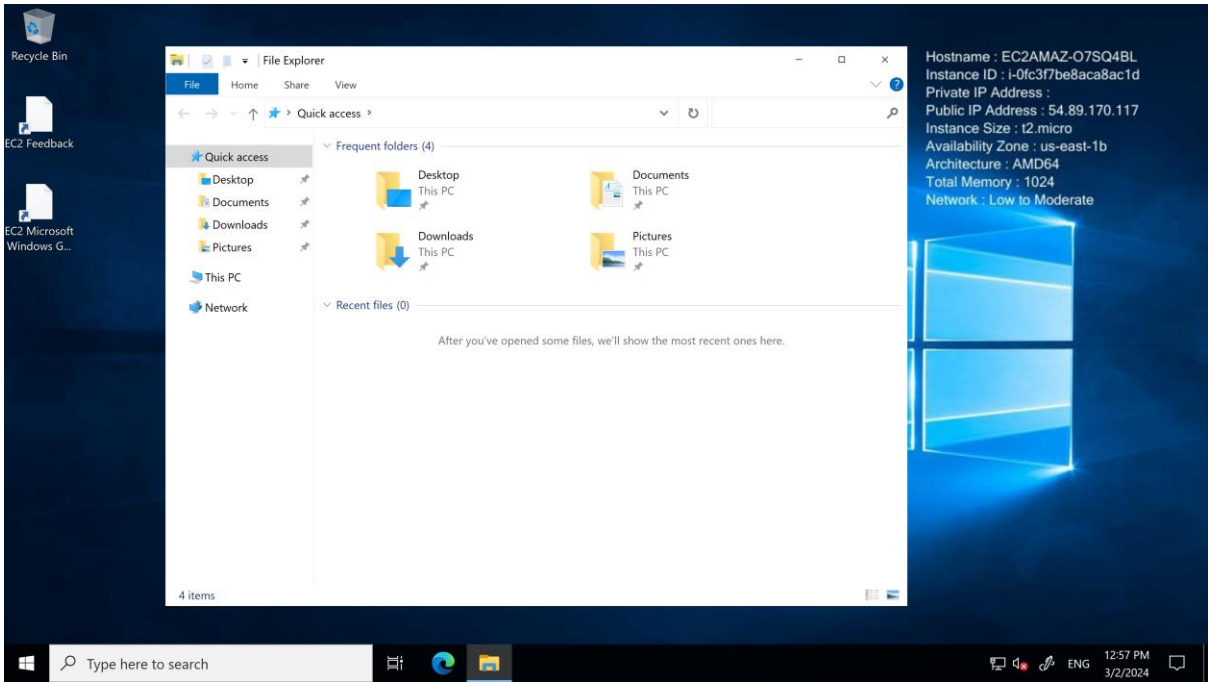


Click the get password and upload our previously saved key pair .pem file

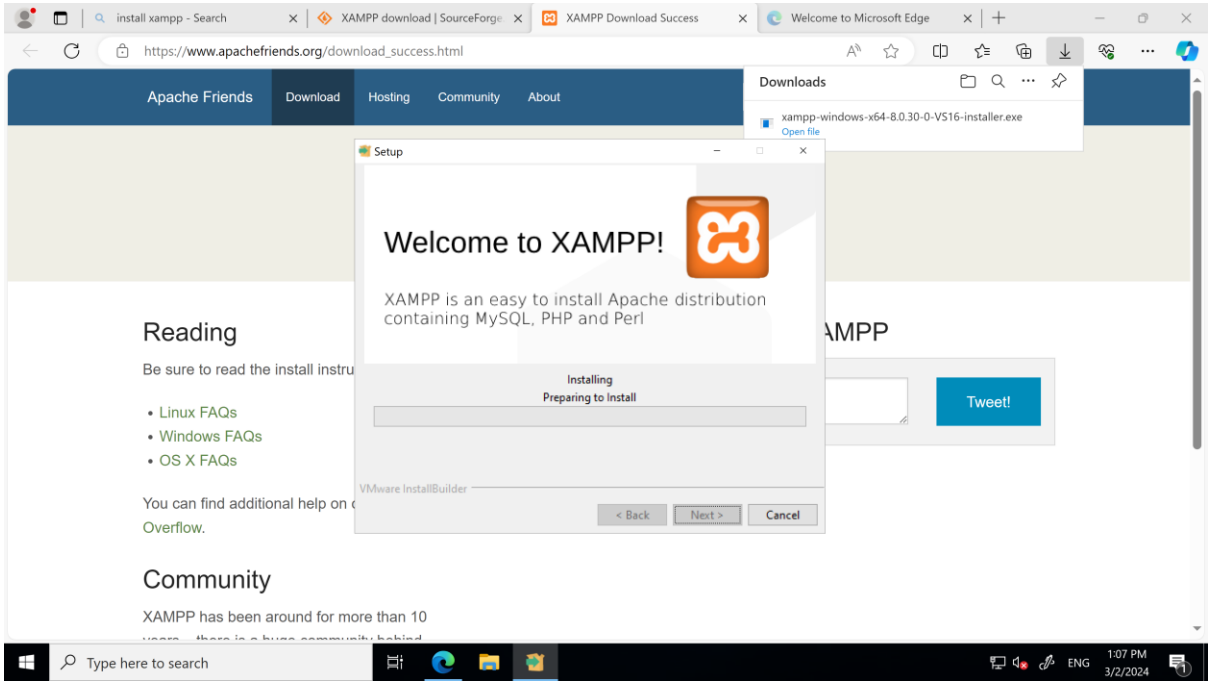

aws
Services
Search
[Alt+S]
EC2 > Instances > i-0fc3f7be8aca8ac1d > Get Windows password
Get Windows password Info
Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.
Instance ID
i-0fc3f7be8aca8ac1d (windows_instance)
Key pair associated with this instance
mywindows
Private key
Either upload your private key file or copy and paste its contents into the field below.
Upload private key file
bootcamp1.pem
1.678KB
Private key contents - optional
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAqnq3oaGbWC3ULEDP4UOiRFGHRLnMlla82zzIkAglUPai1Wwj
Q8kL3R3Y7uXGx2u66c1GN7AThfnH8l+0/ocUHl2pKNVpGDgHB5auhTkfSjPaQuw3
Z6agKzibnNGweTvVZfh/QV/+YogjpNJvXTHSbsWkaadY7ZRNMcsaNuu6mxJh24B3
PbnaWpyhMKb3oKdyOd6Std2cGOAJKvz2w4iRPRDcyUySiGSK13MTsGi0G7NeAgs/
7CvsUOdHKaCiTu/oqDtWa21rXovSJPVXJ9M/73t/RVGGKS5G+tKJeRYxTEF07YAc
6O353XKcfUUz1RIyyF/H2QFStkOFI1oRc9y9IwIDAQABAoIBAQCco1TGNe69/p3M
a2CV4cbebuqSwwSvvdKYviip7llbKgJDhrCAP+GesSX5mzYhVWLQH8Q8tpO5rd+B
Cancel
Decrypt password



Now we can access the EC2 Machine

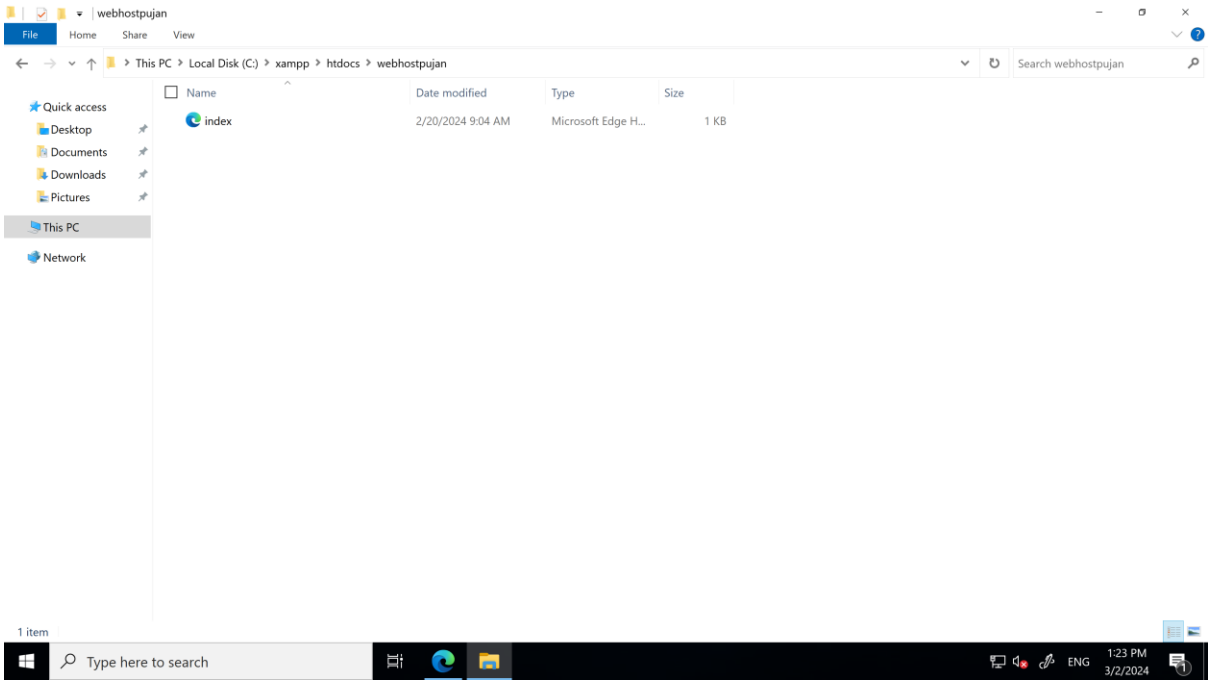


Next, we need to install xampp in our EC2 machine and create html folder and put the content for our Static Page.



After the installation is complete (while in the Windows AMI),

Open > C:\xampp\htdocs\ here, create a folder in my case(webhostpujan) and paste html file here (in my case index.html)



Now, copy the IP address from EC2 and access the static site.

Final Page: Here we have accessed our index.html from the Internet(Public).