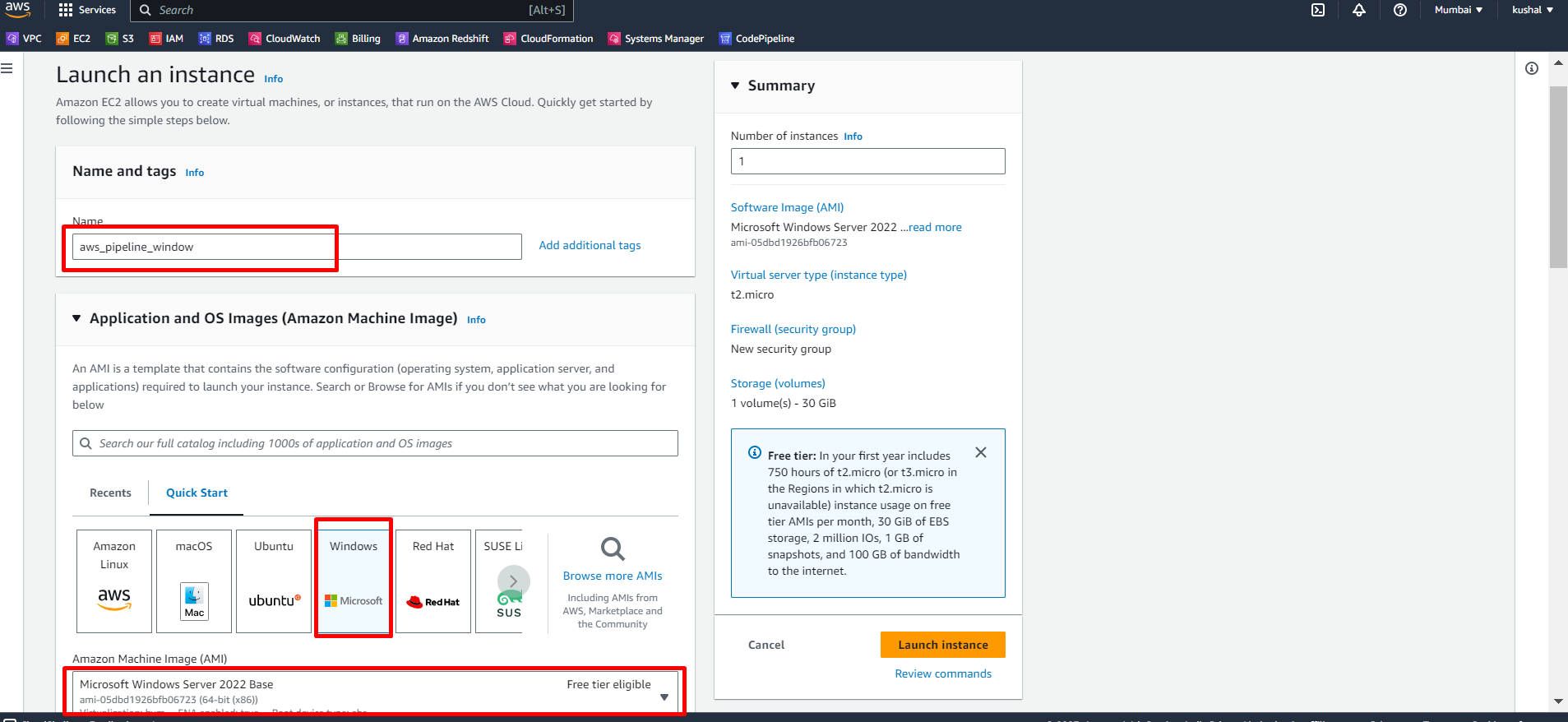
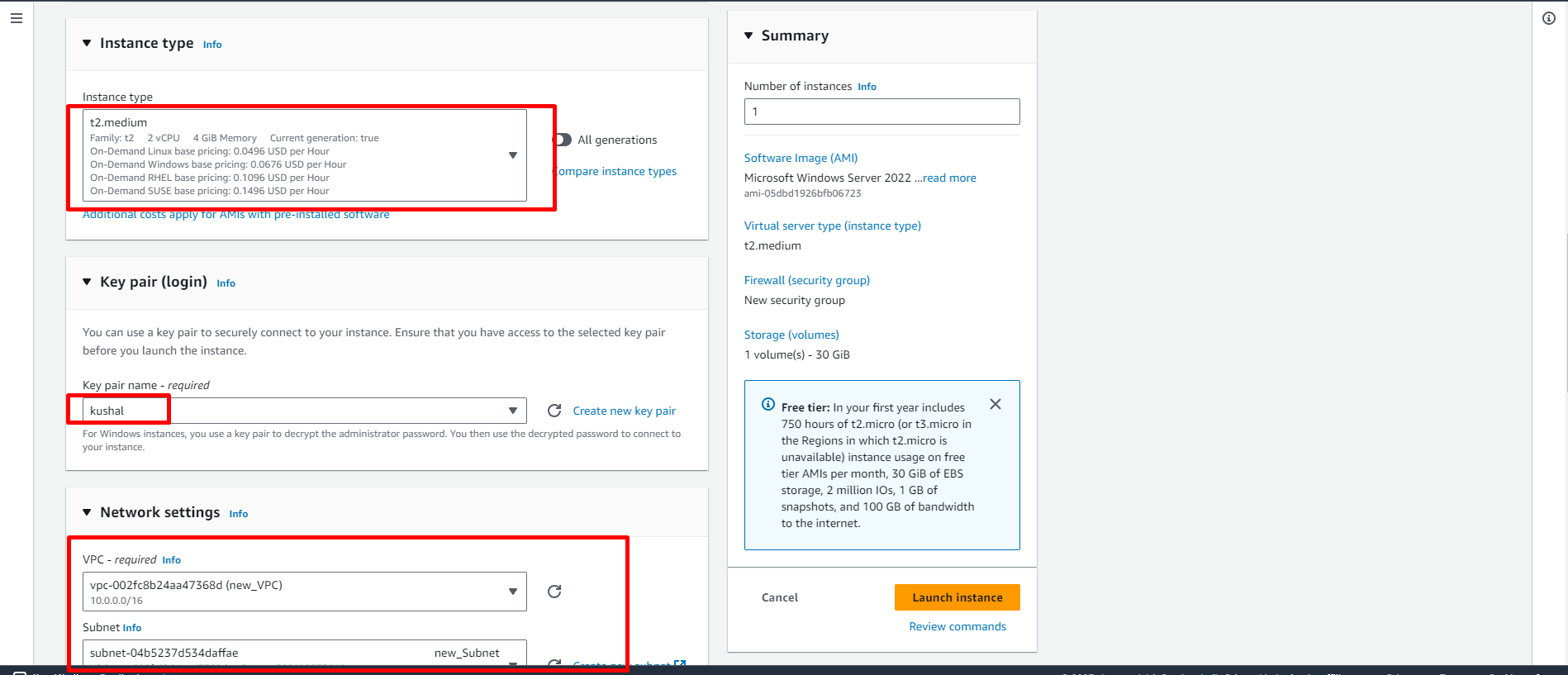
CICD pipeline in AWS GitHub to windows server:

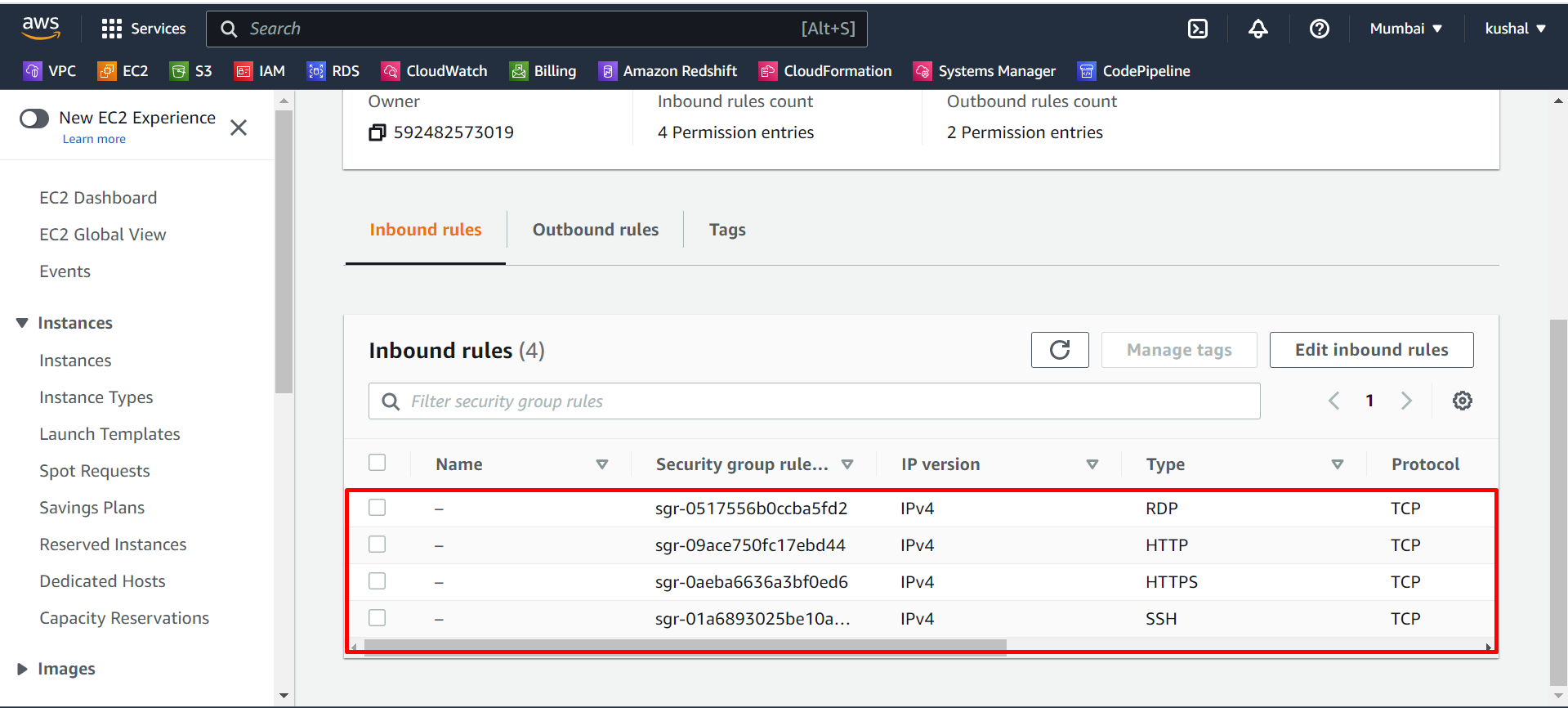
First we create a two roles for permissions and attach policies for that role.

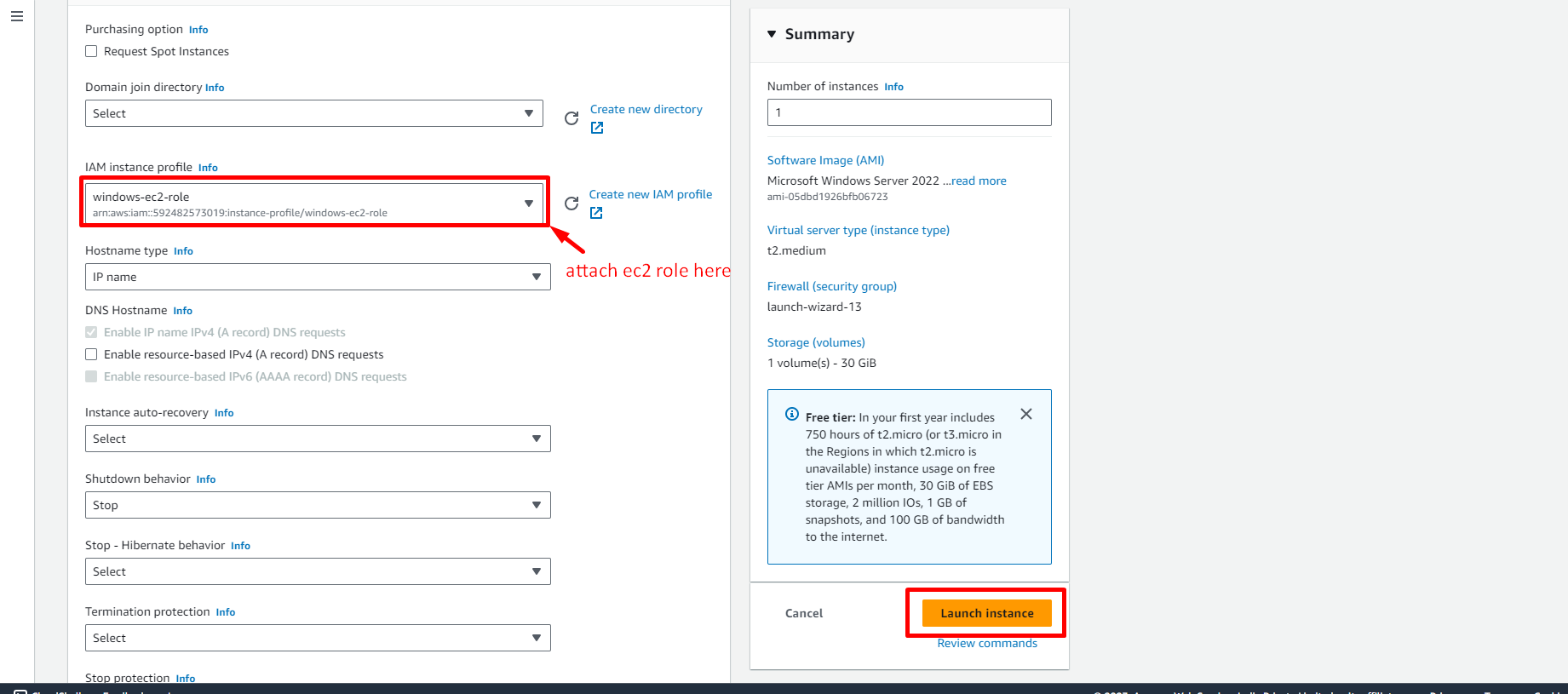
After that we create a window server



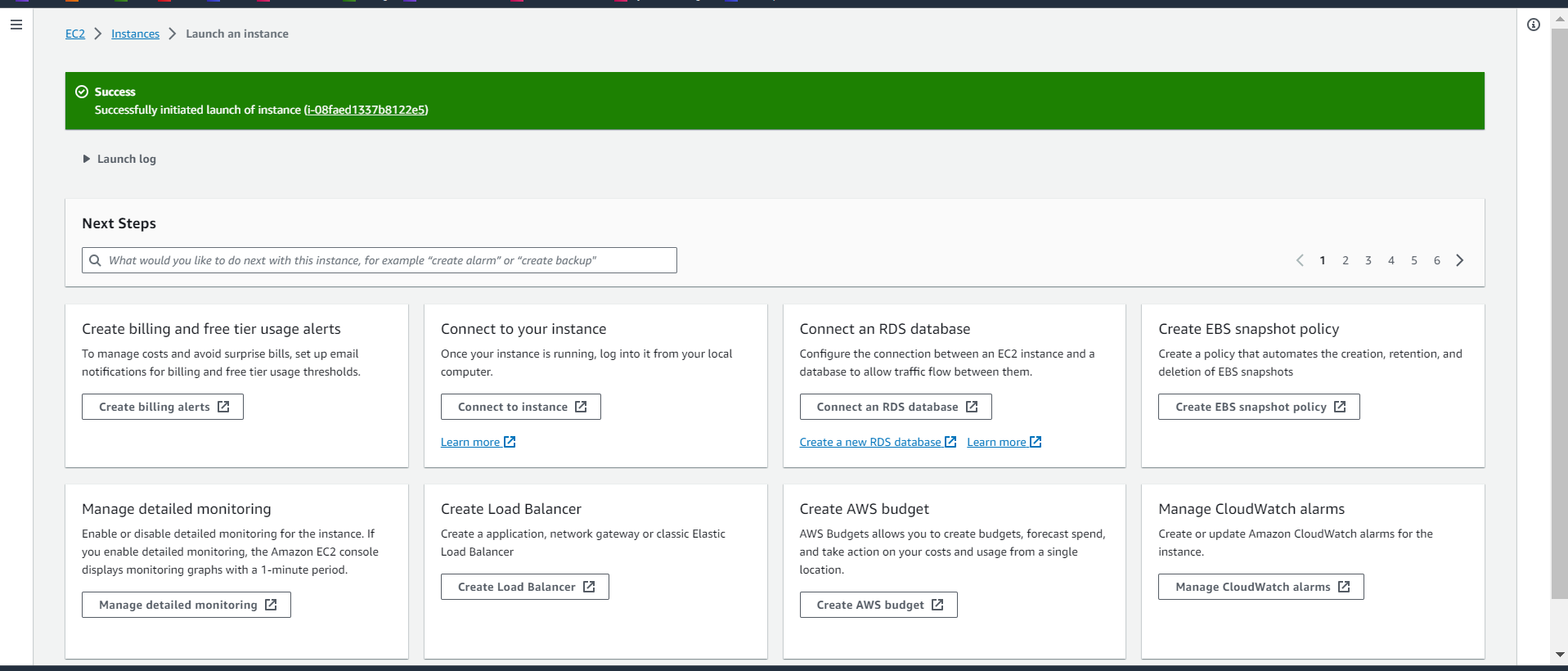


In this security group we must allow this four permissions.



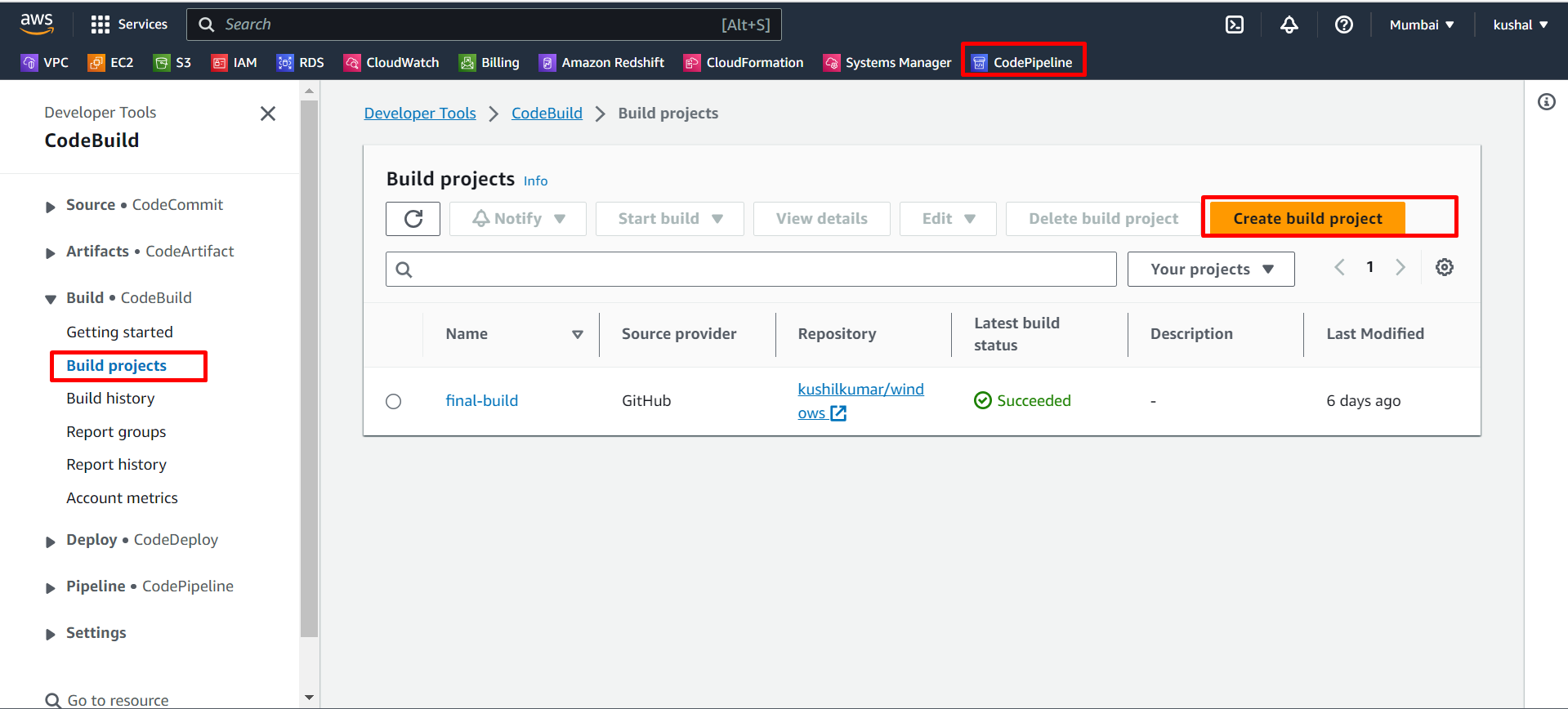


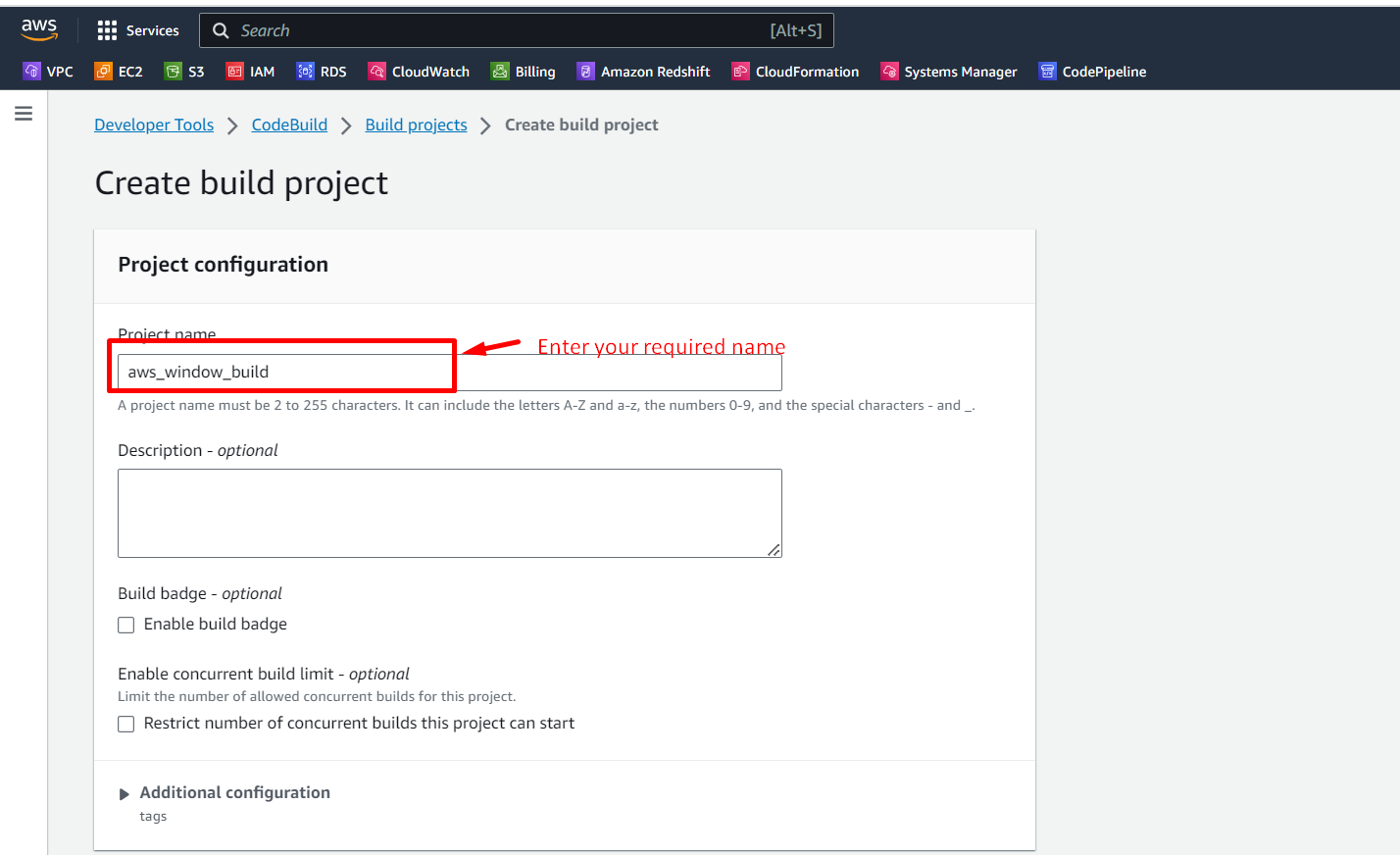
We successfully created a window server.

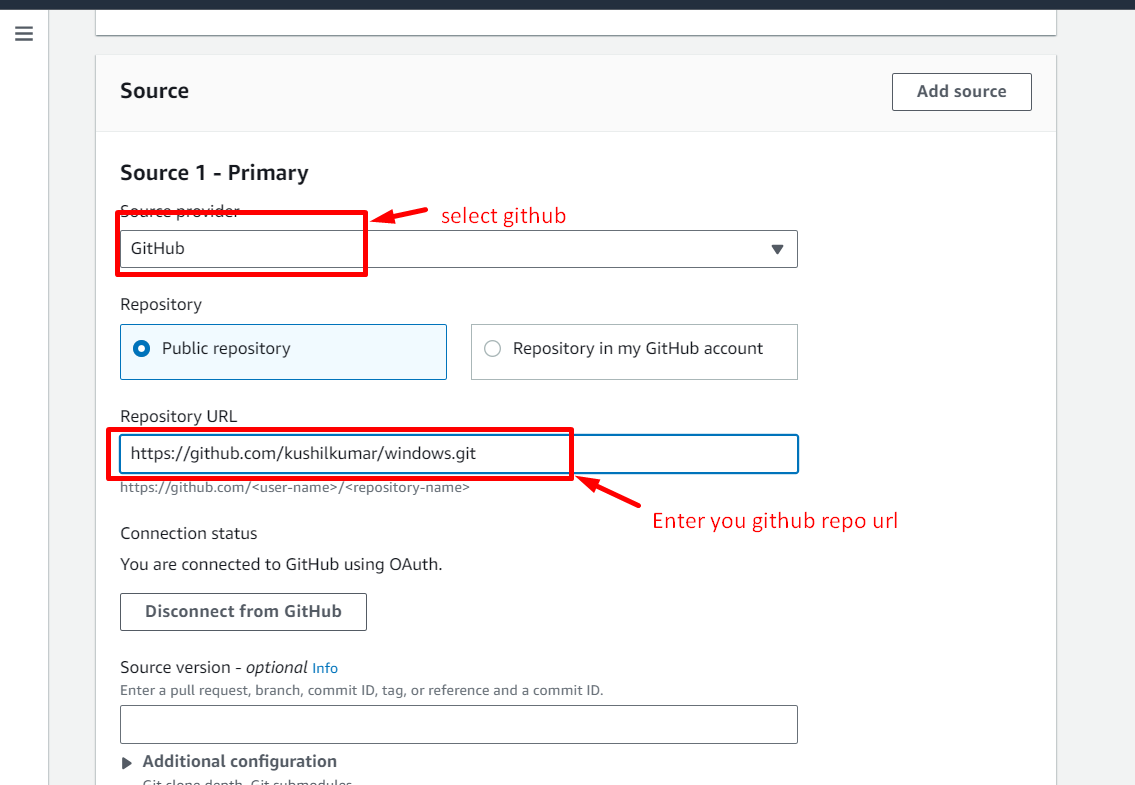


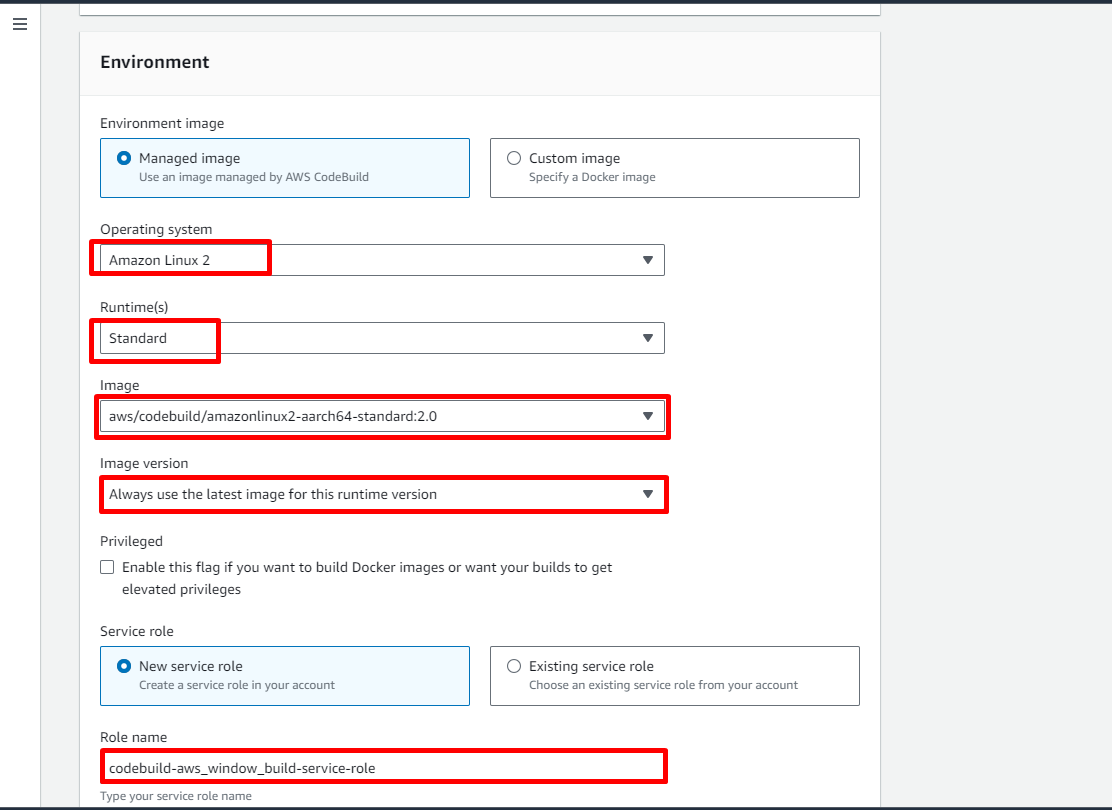
After that we create a pipeline for deploying.

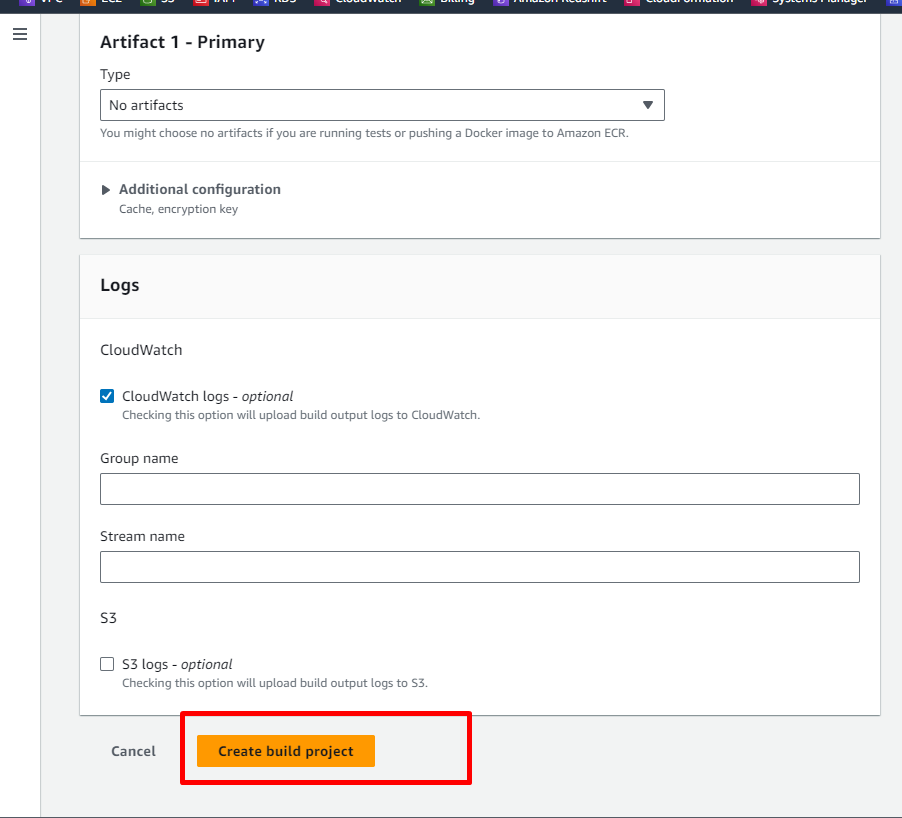
Go to codepipeline in aws – select build projects – select create build project.



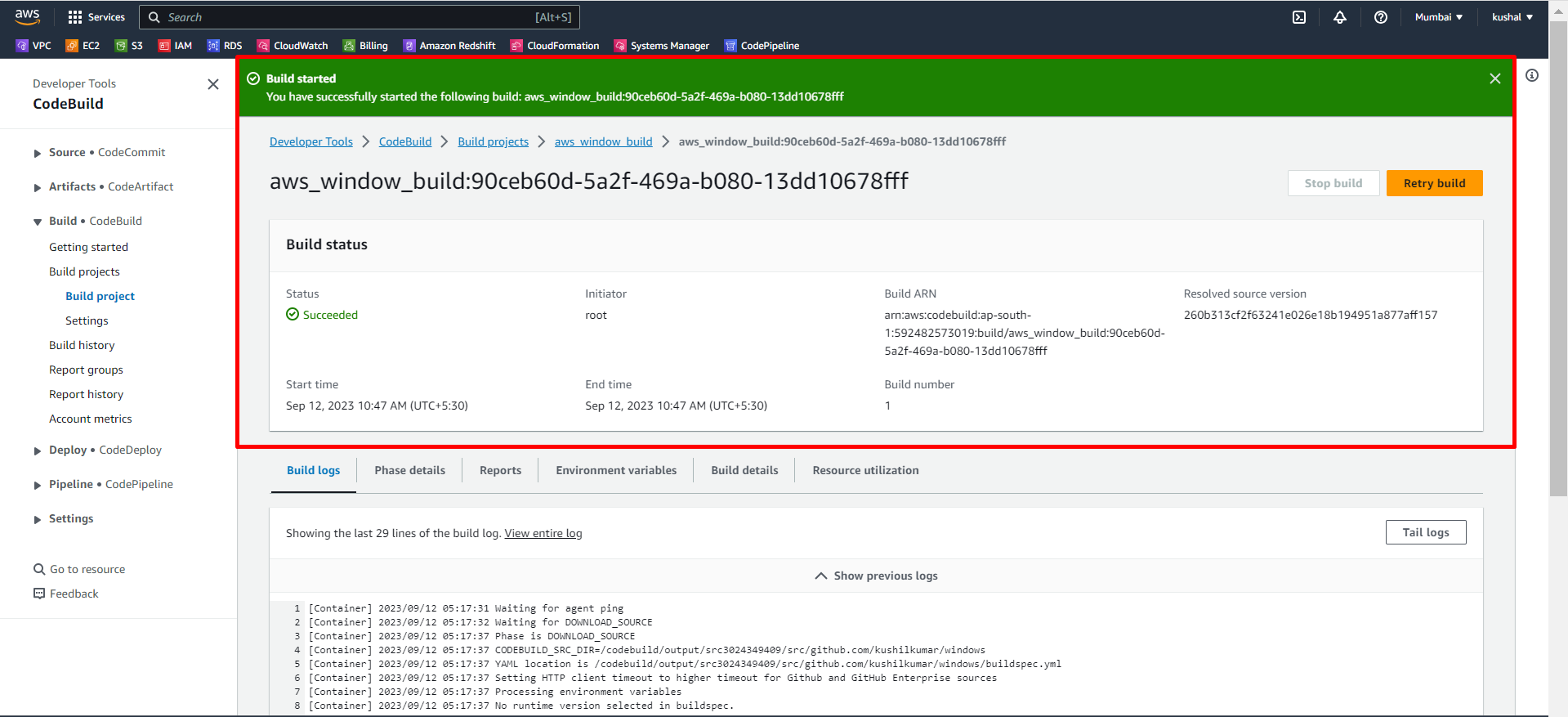




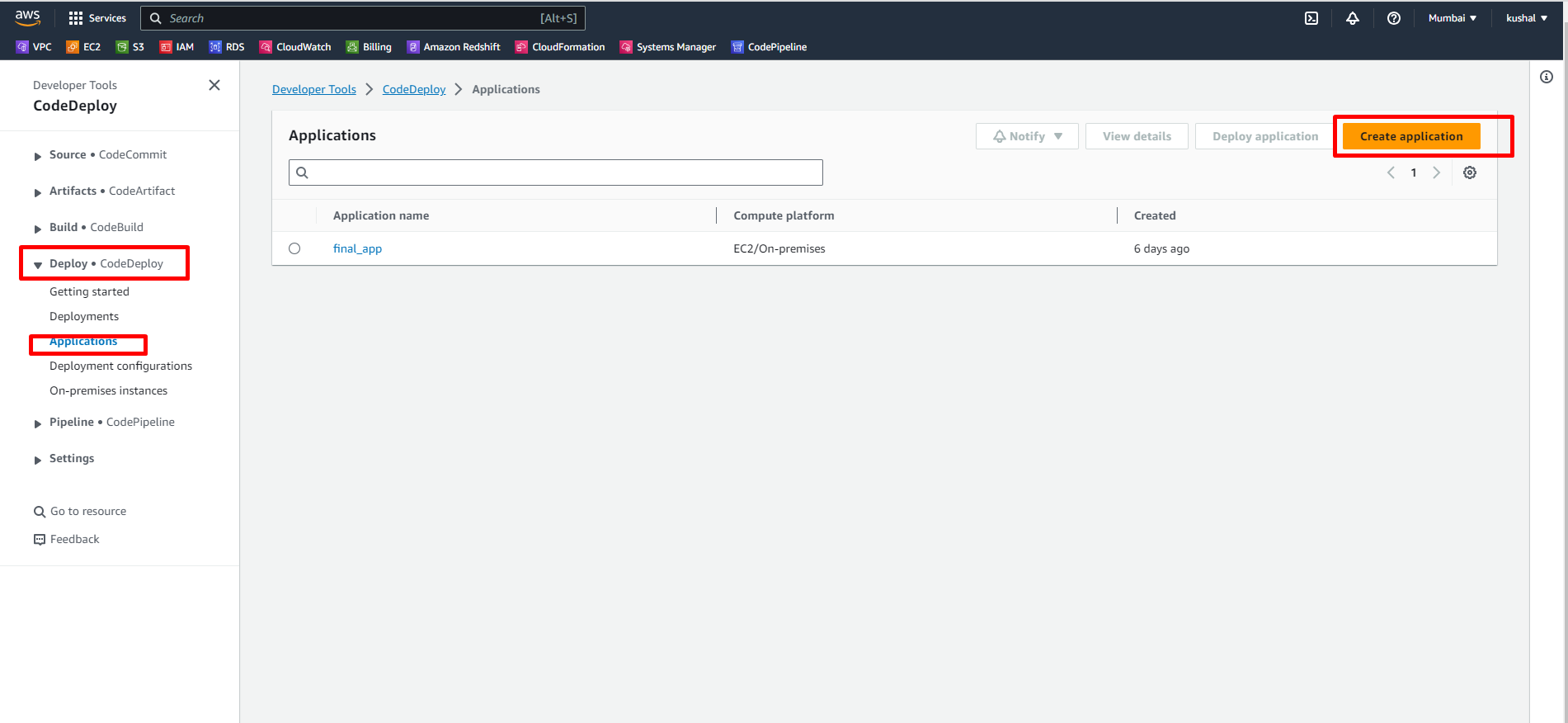


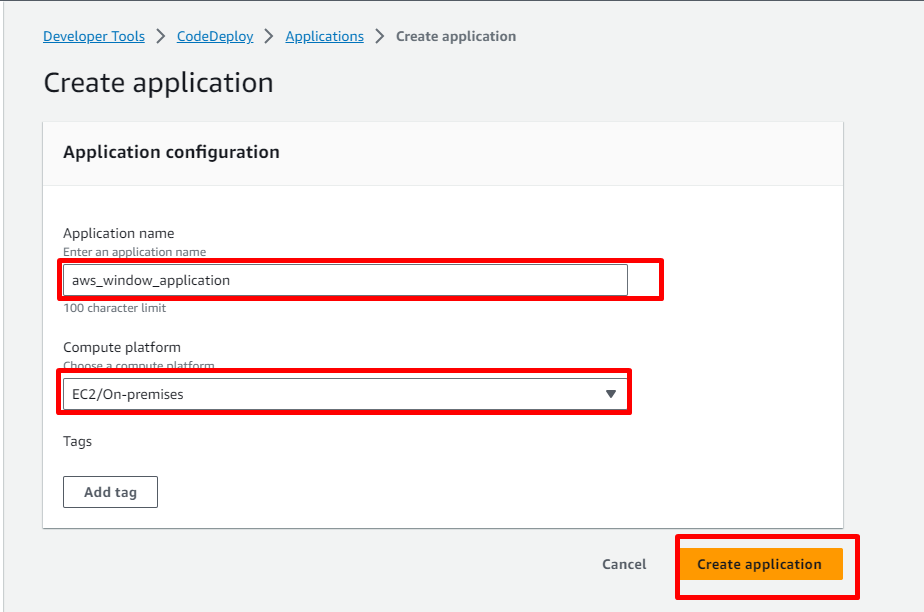


We successfully build a build projects.

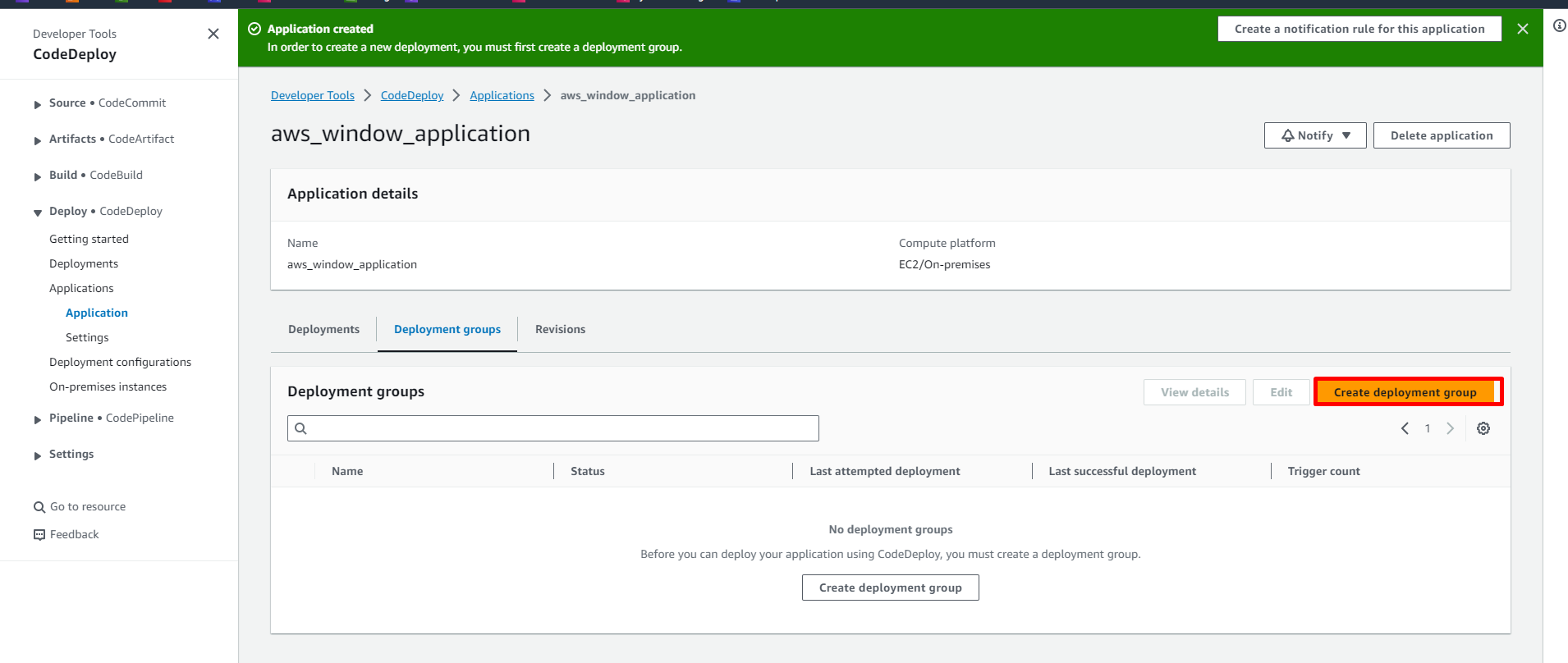


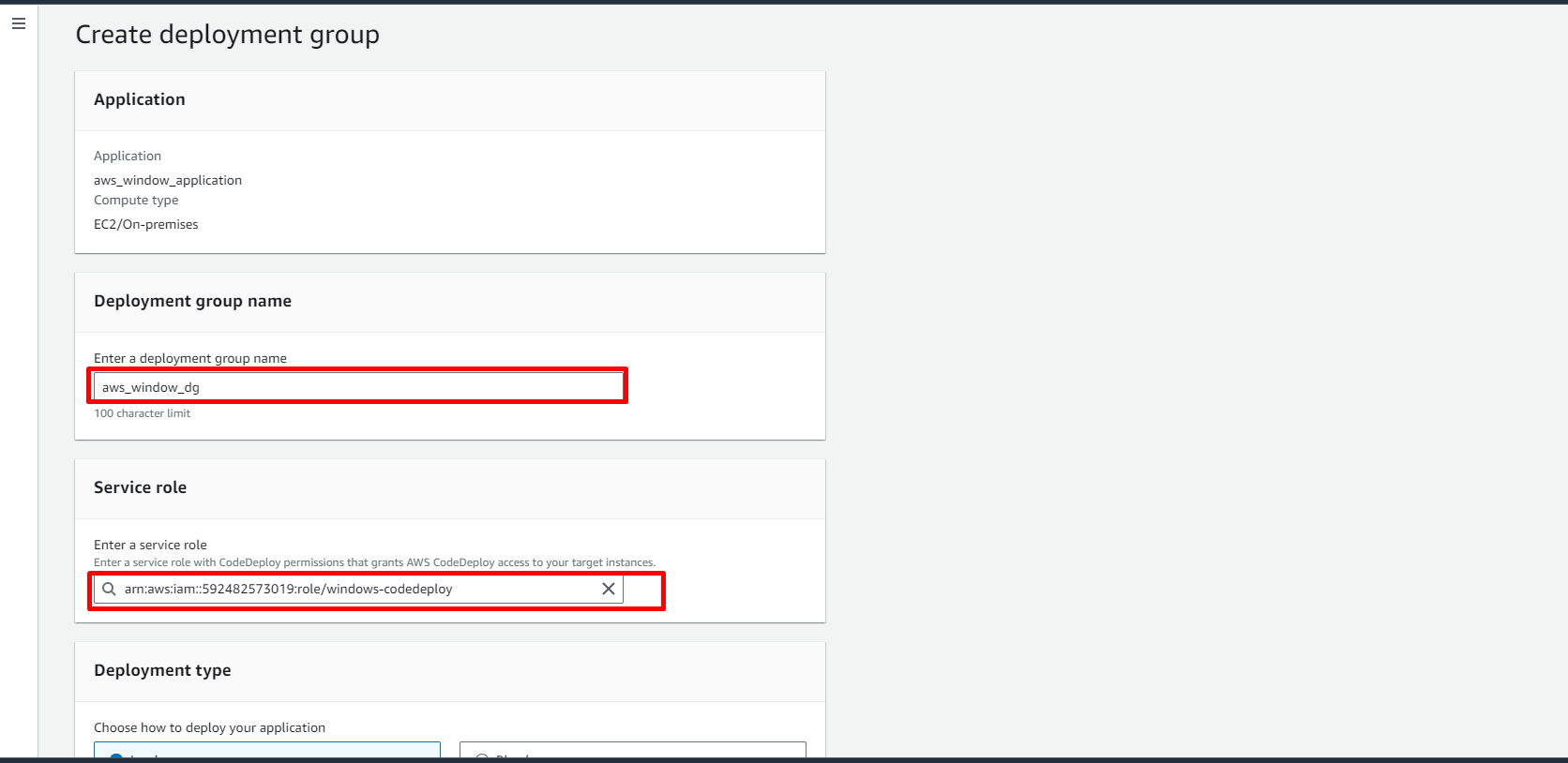
Next we create an application for deploying.

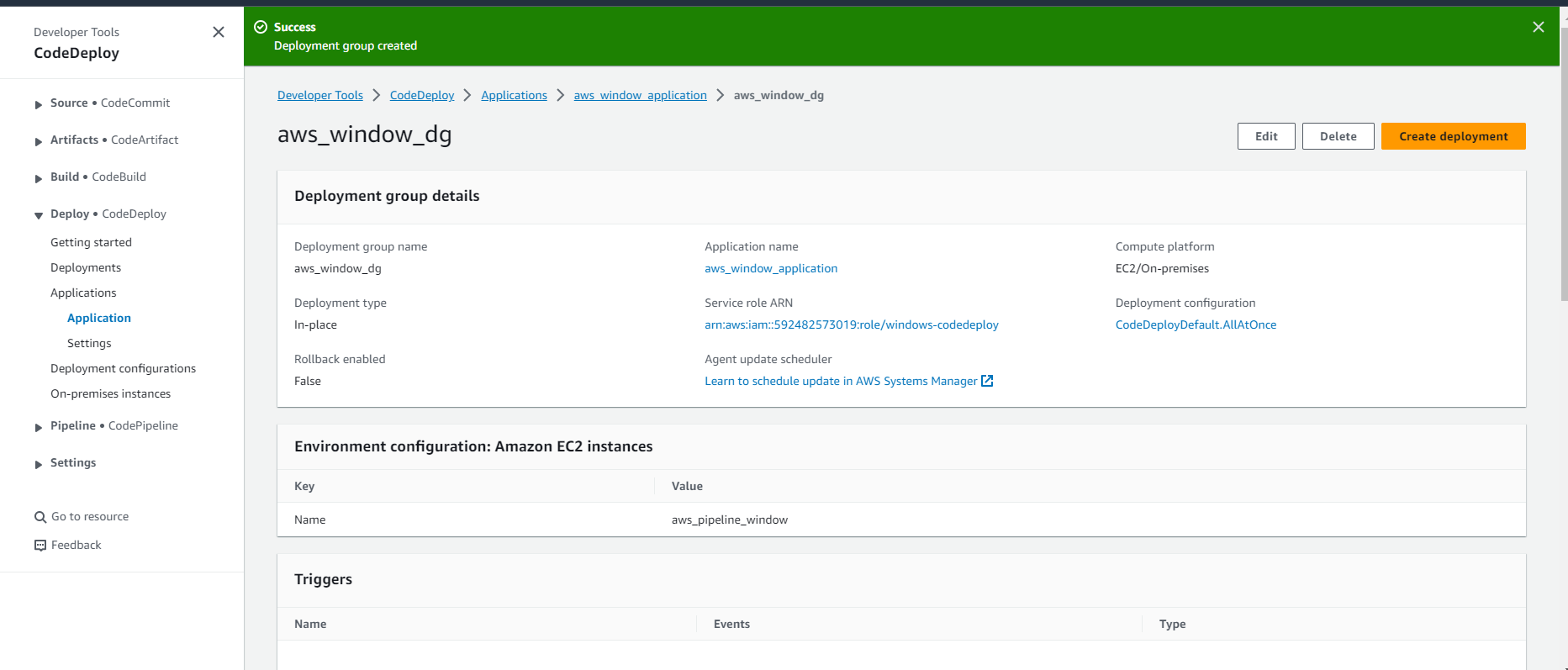
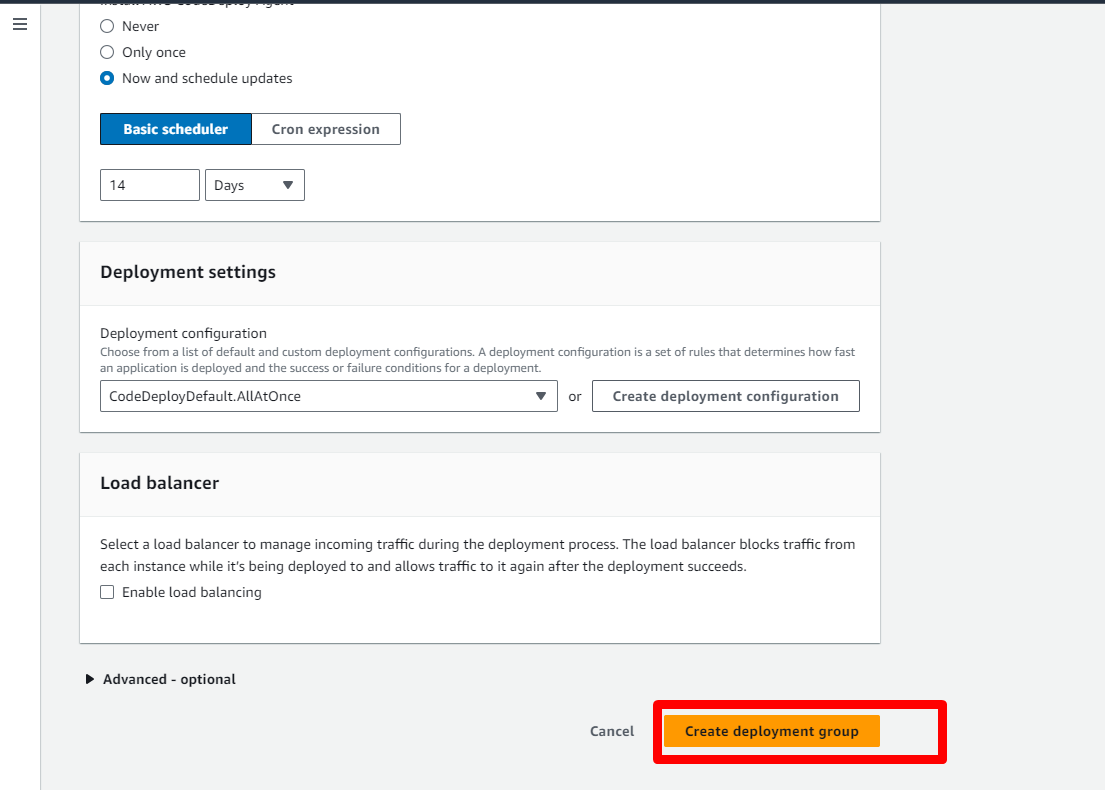
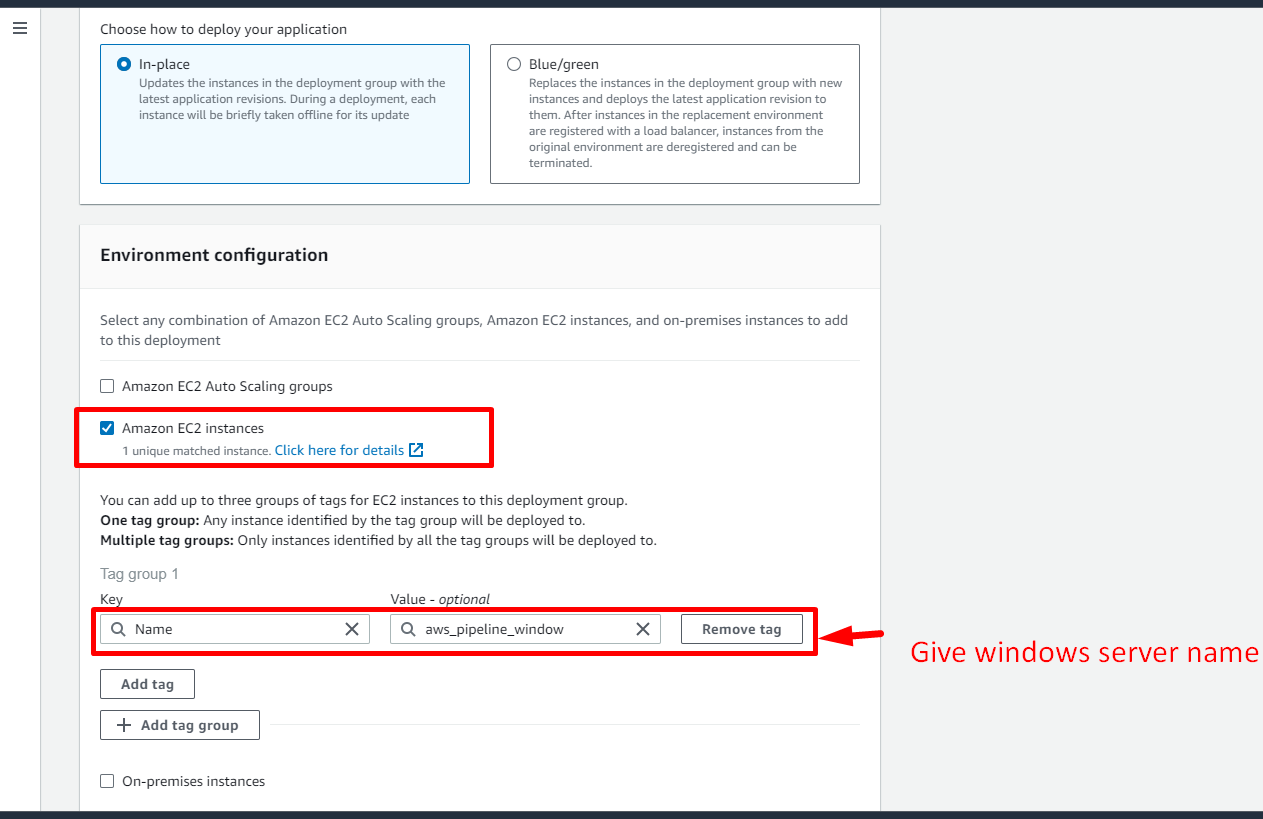




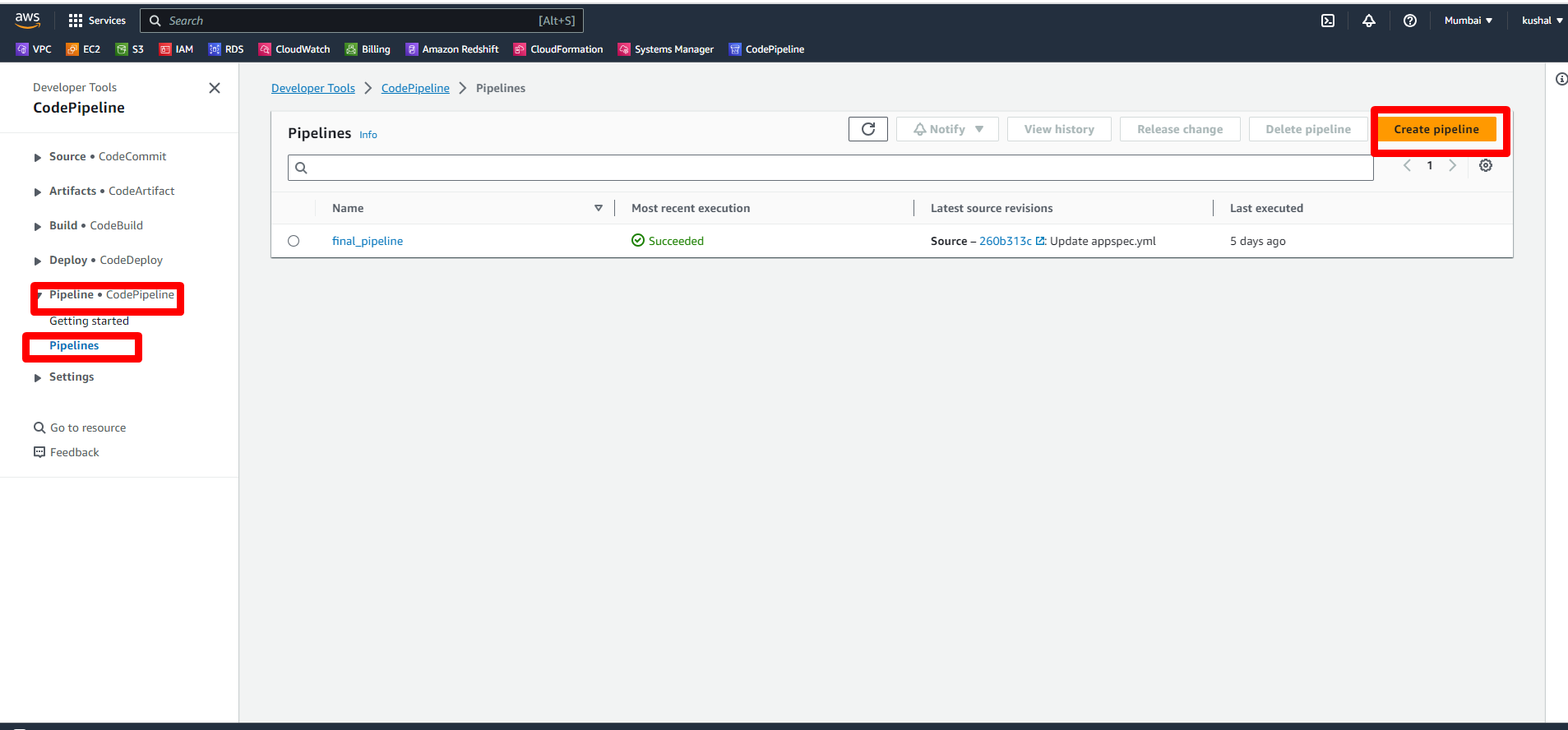
Next we create deployment group

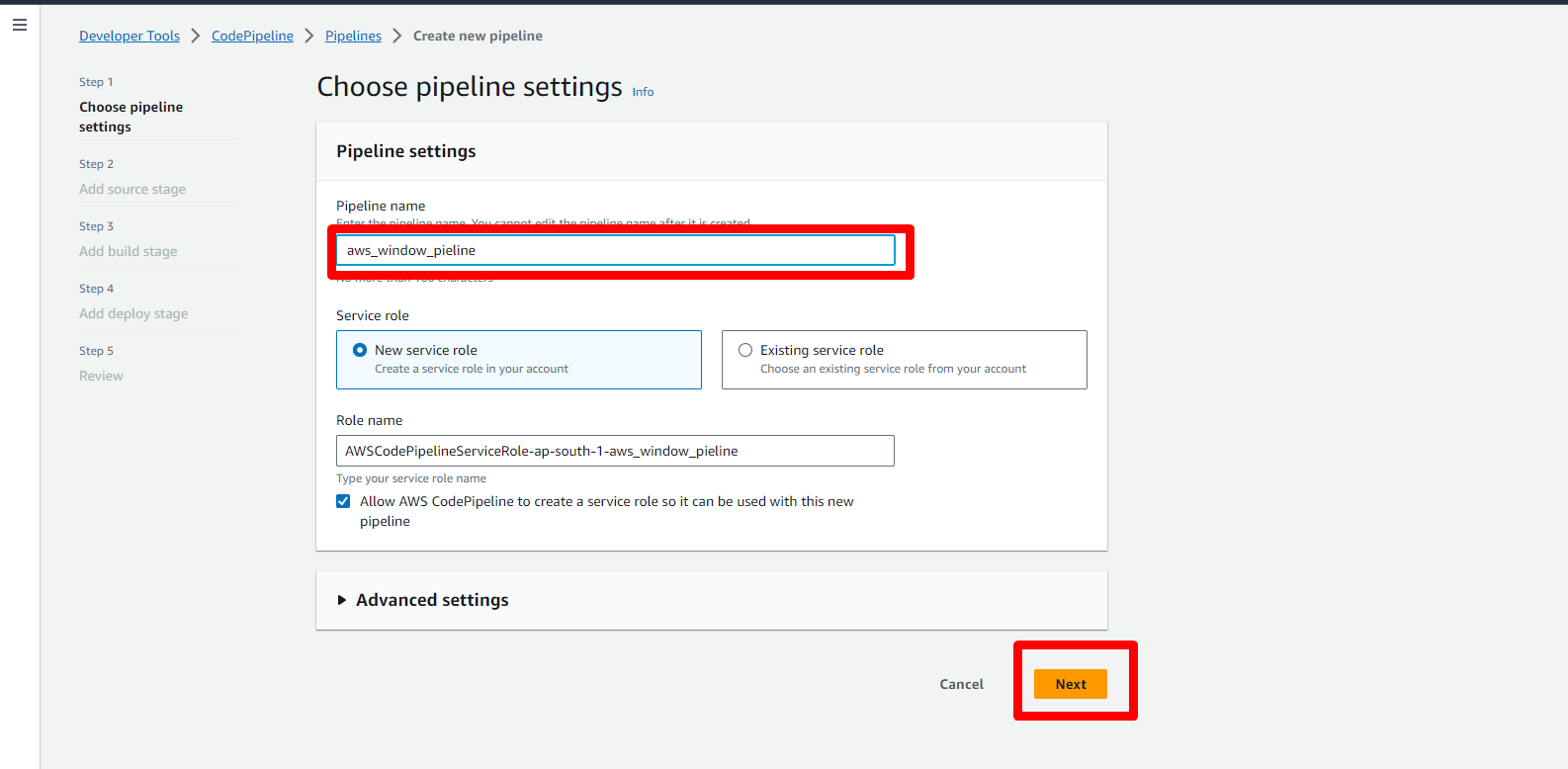


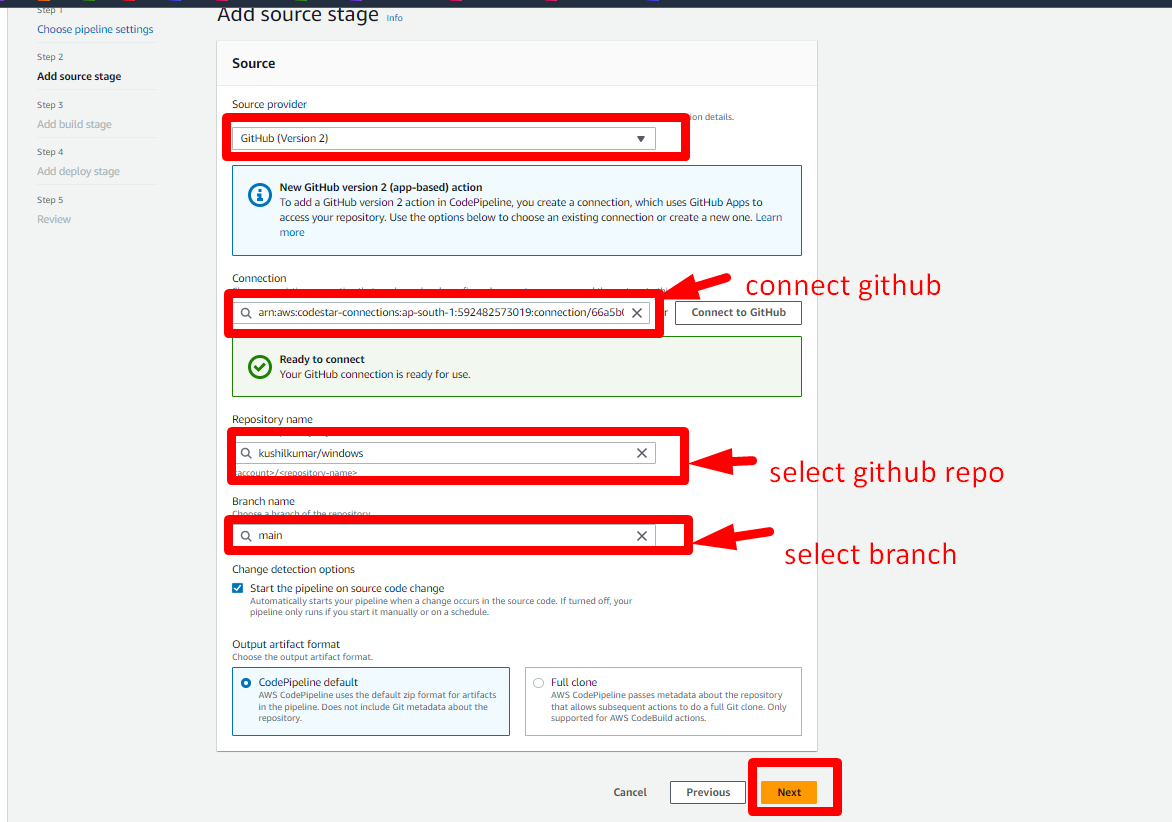




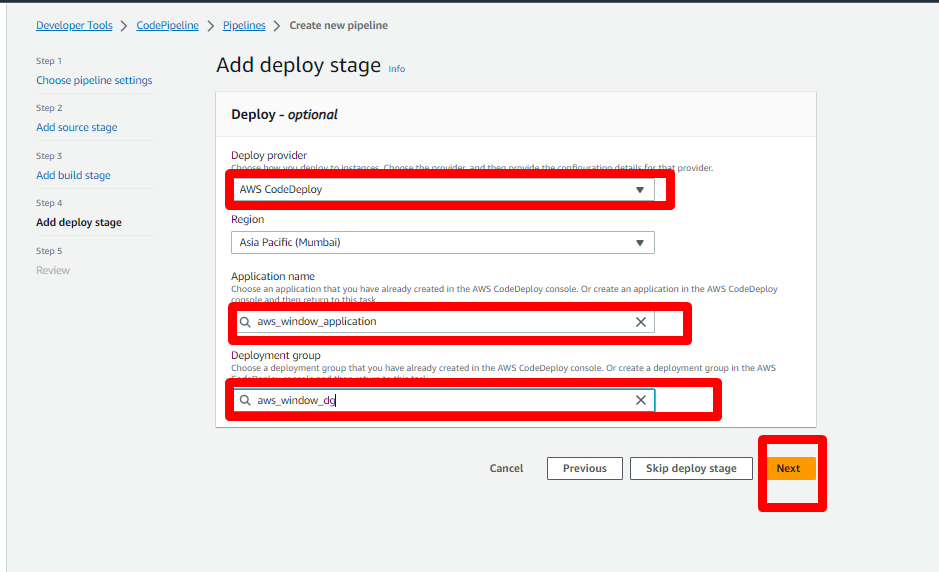
Next we create a pipeline



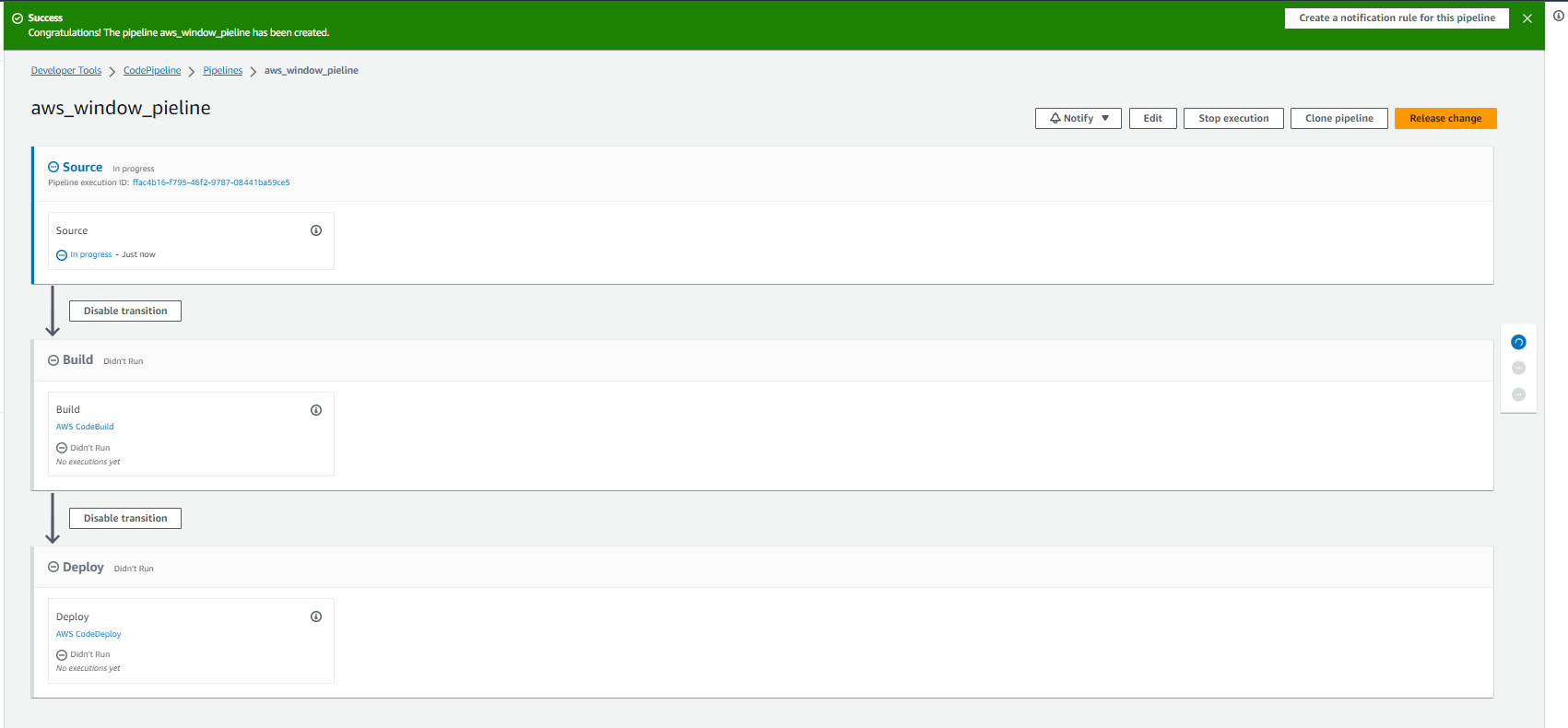




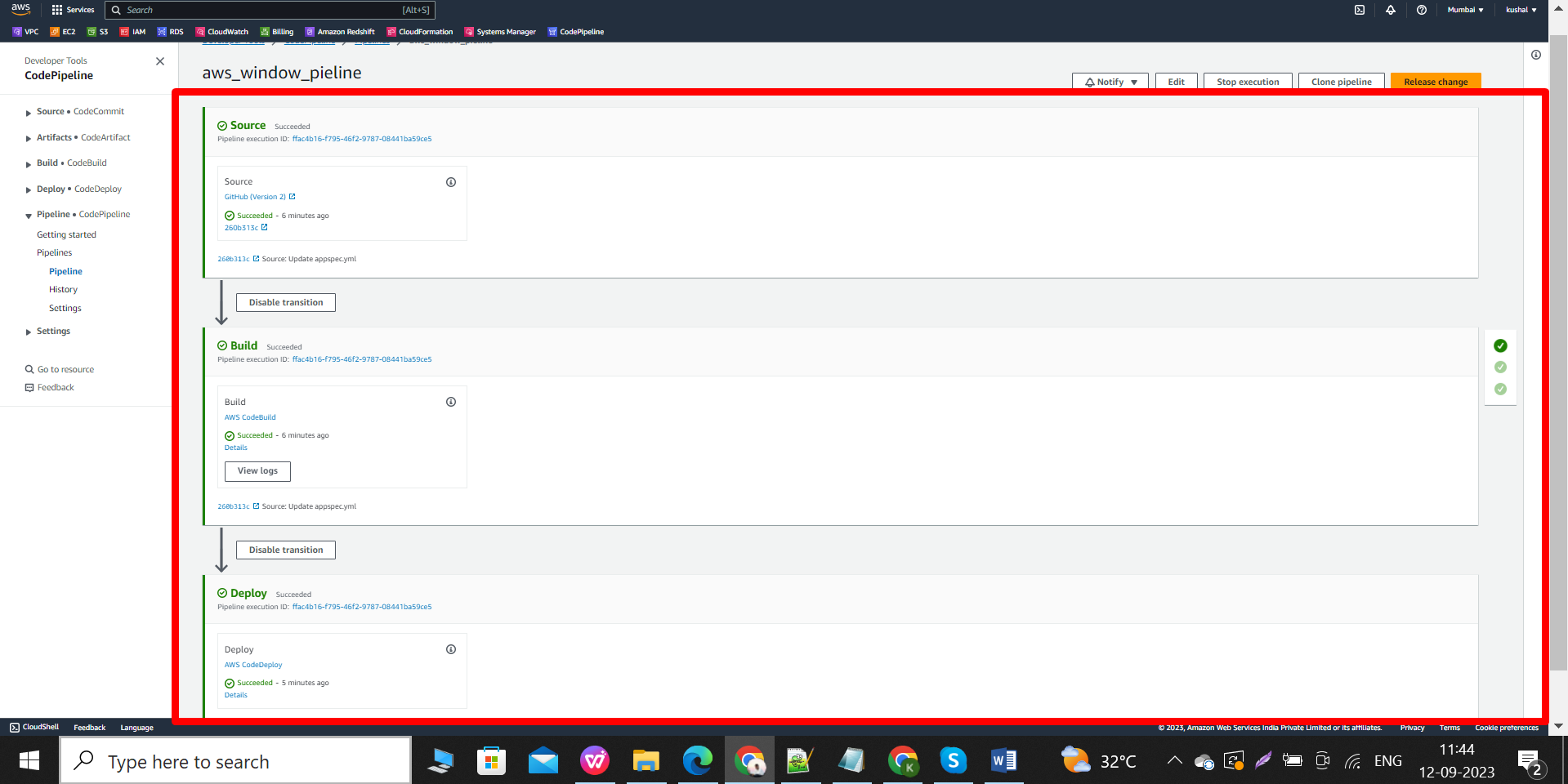




We successfully created a pipeline



We successfully deploy the file from github to window server. These is the process for setup cicd pipeline in aws .



**Note: -** I already downloaded aws codedeploy agent in my window server.

In case we don’t have codedeploy agent in window server

We follow given process installing codedeploy agent in window server

Follow steps:-

Go to window server

Open power shell

Commands:-

Set-AWSCredential -AccessKey "AKIAYT4VWTLNSK7LNTZW" -SecretKey "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"

Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy RemoteSigned

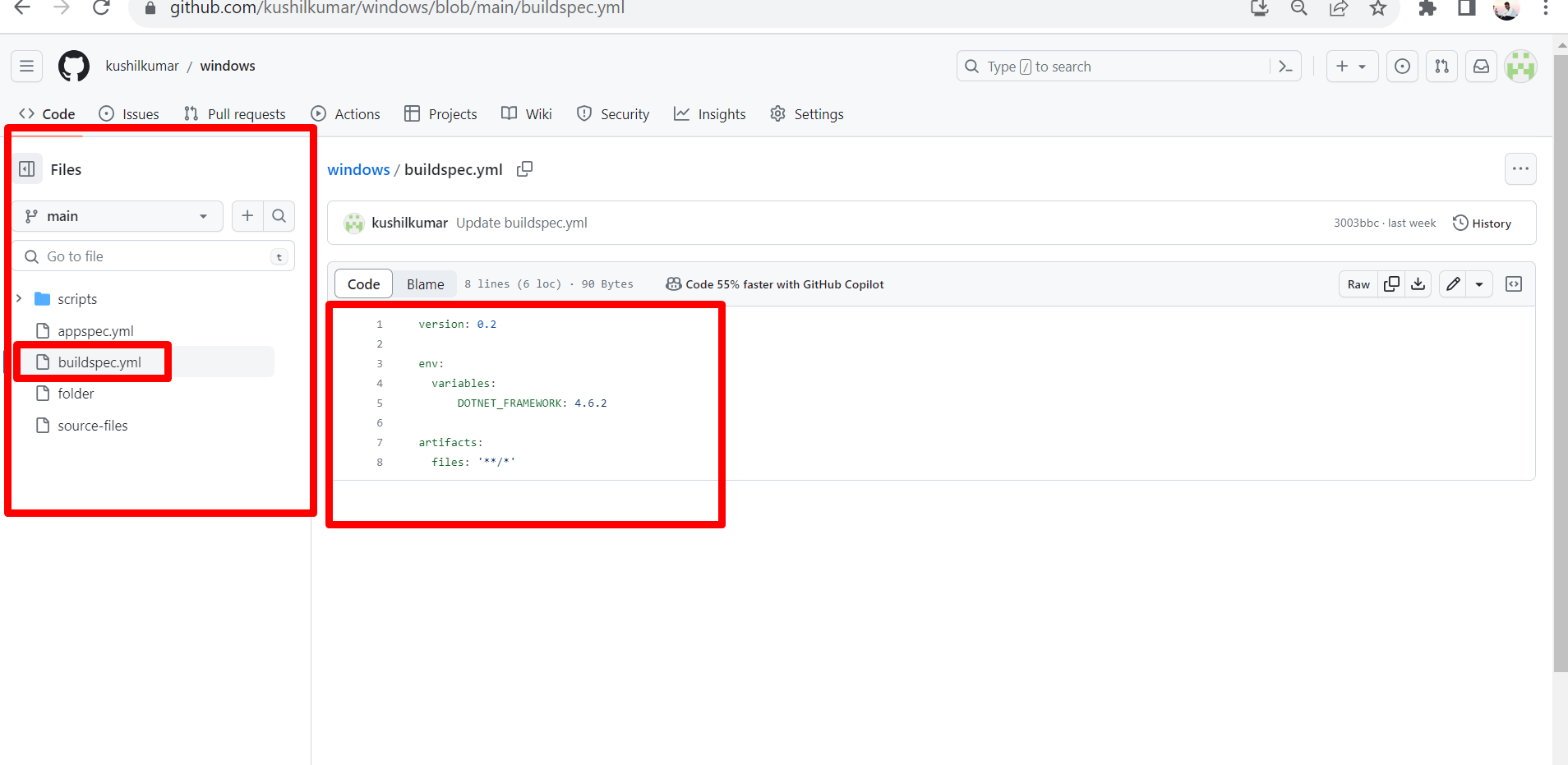
New-Item -Path "c:\temp" -ItemType "directory" -Force

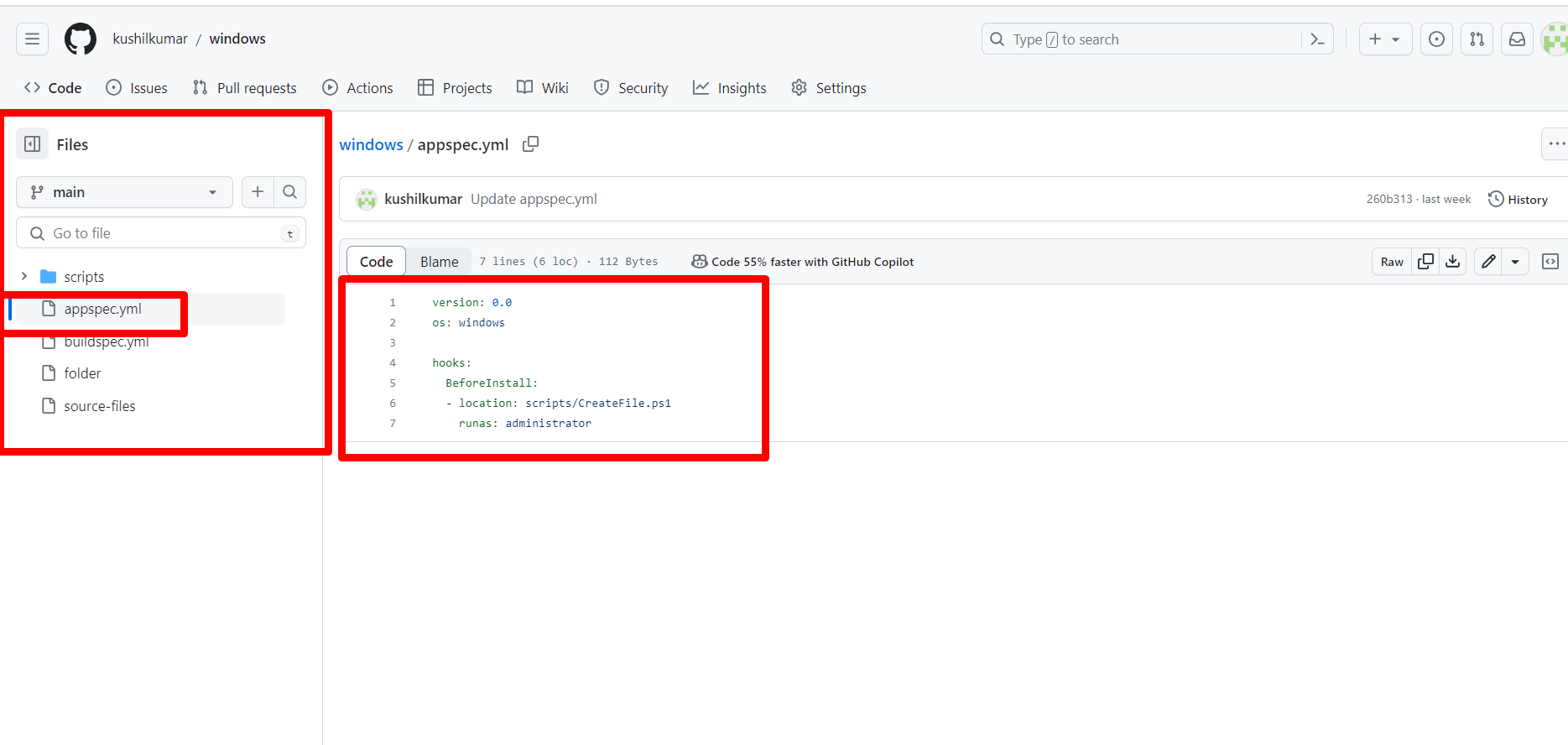
powershell.exe -Command Read-S3Object -BucketName aws-codedeploy-us-east-1 -Key latest/codedeploy-agent.msi -File c:\temp\codedeploy-agent.msi -Region us-east-1

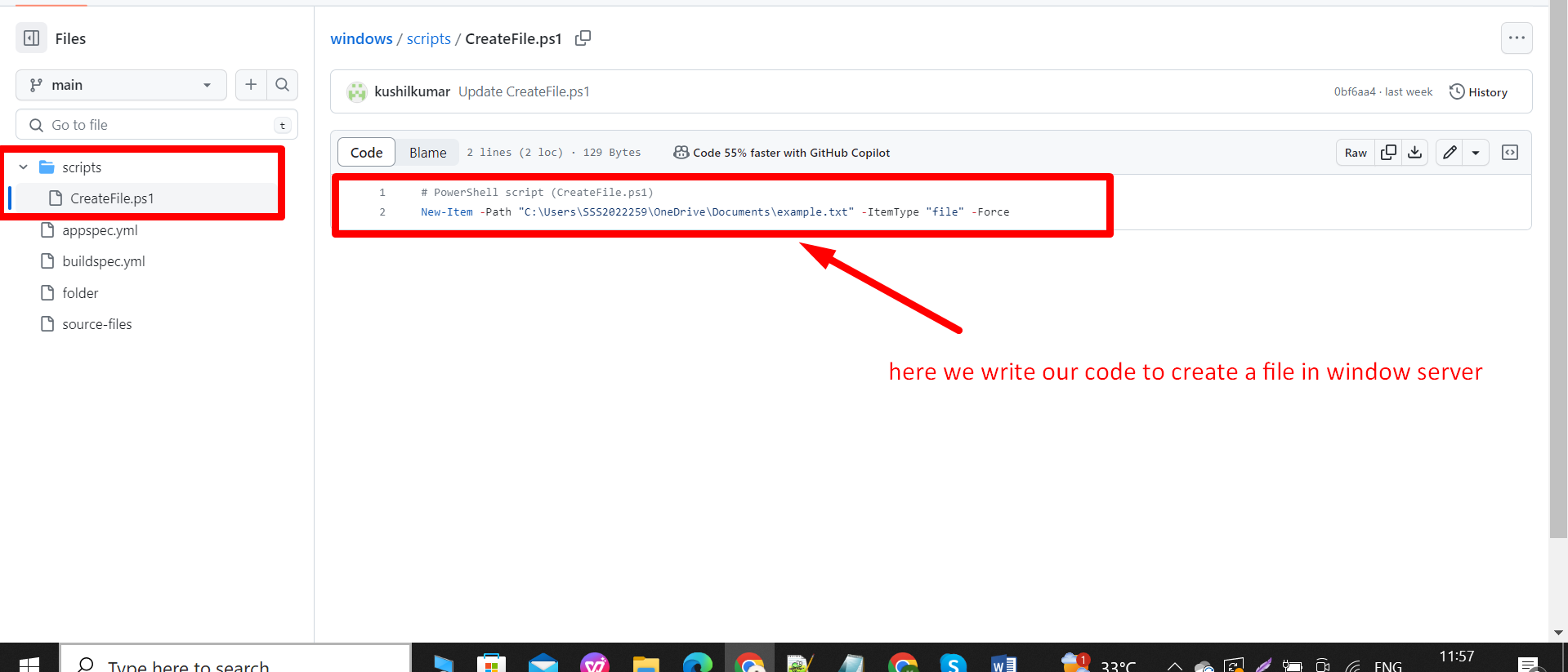
c:\temp\codedeploy-agent.msi /quiet /l c:\temp\host-agent-install-log.txt

Start-Service -Name "codedeployagent"

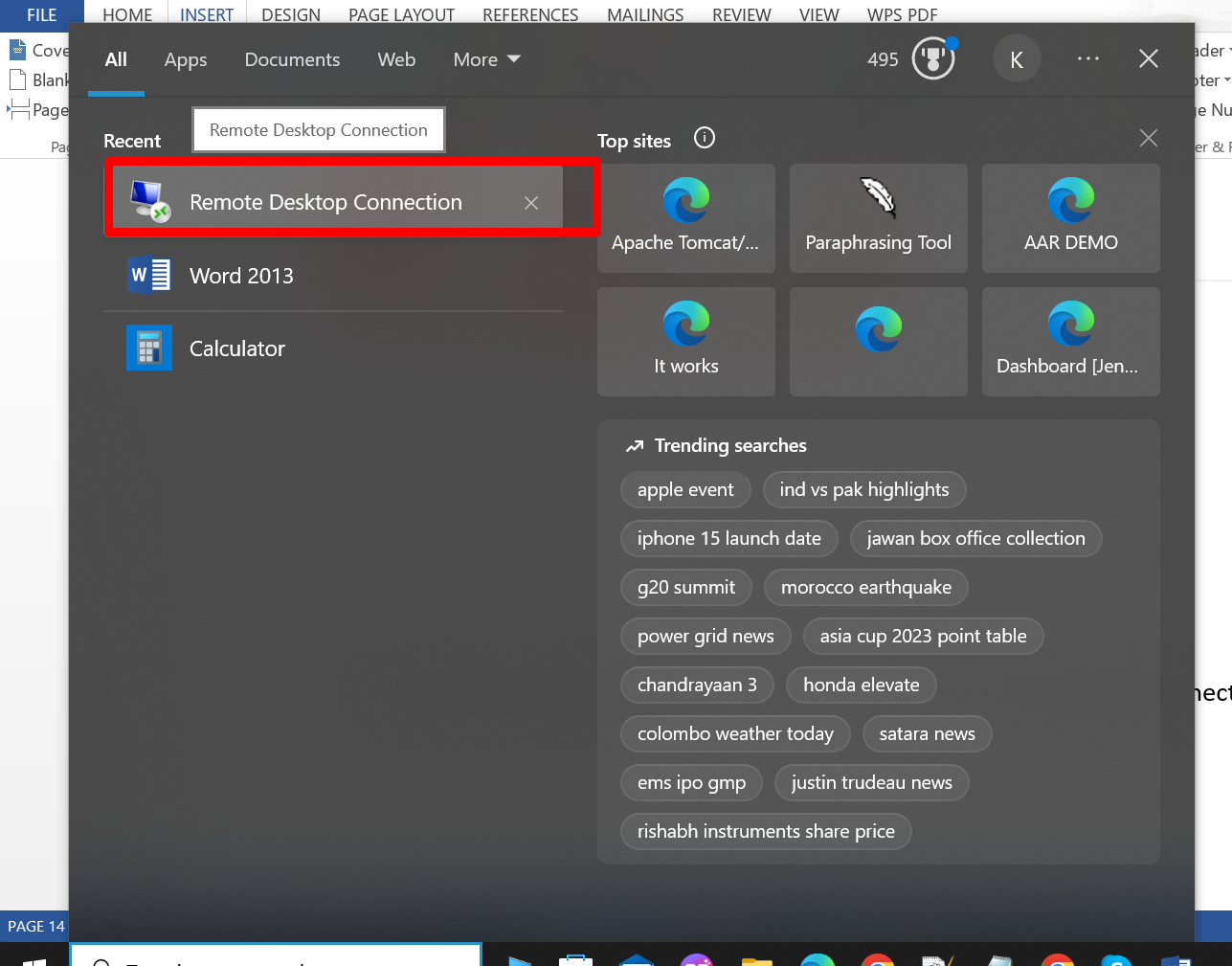
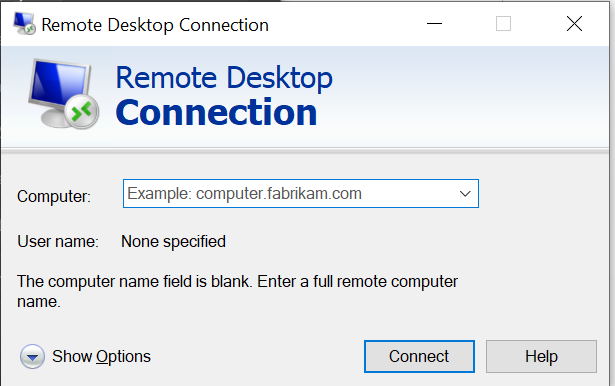
**Another note: -** we first setup this GitHub repository we must have buildspec.yml and appspec.yml files.

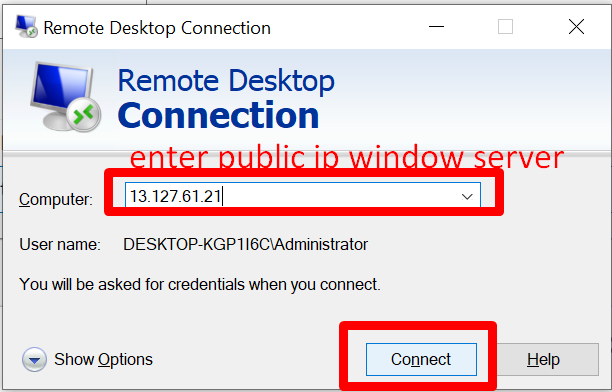


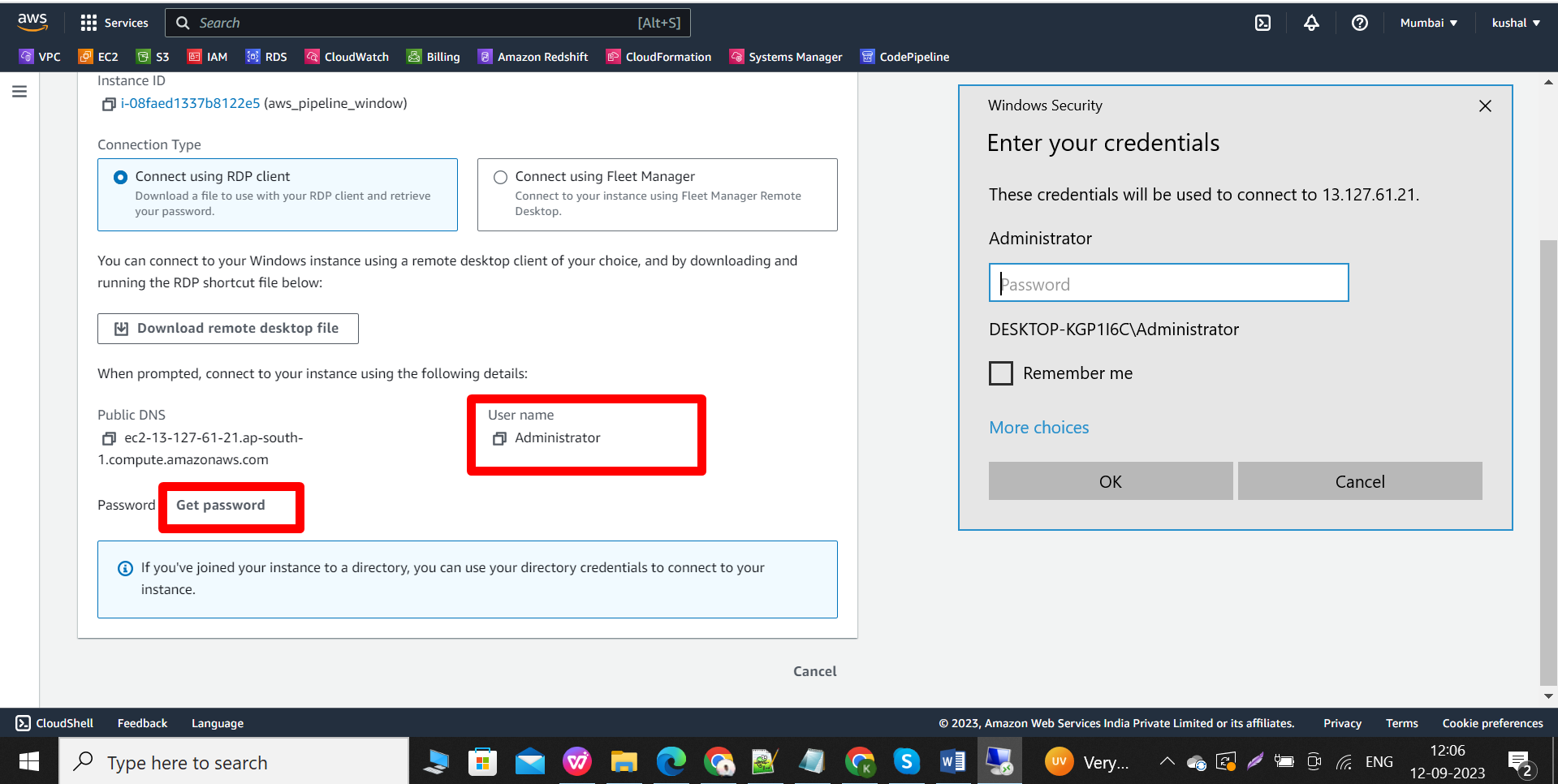


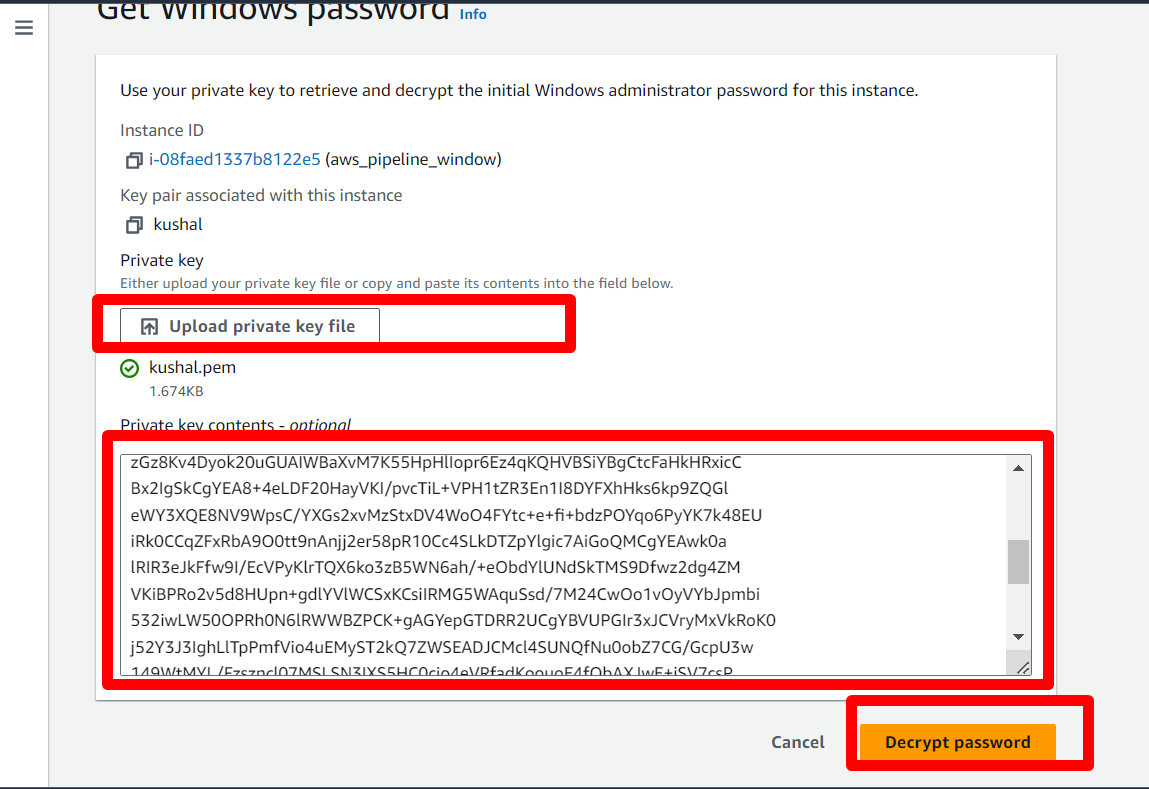


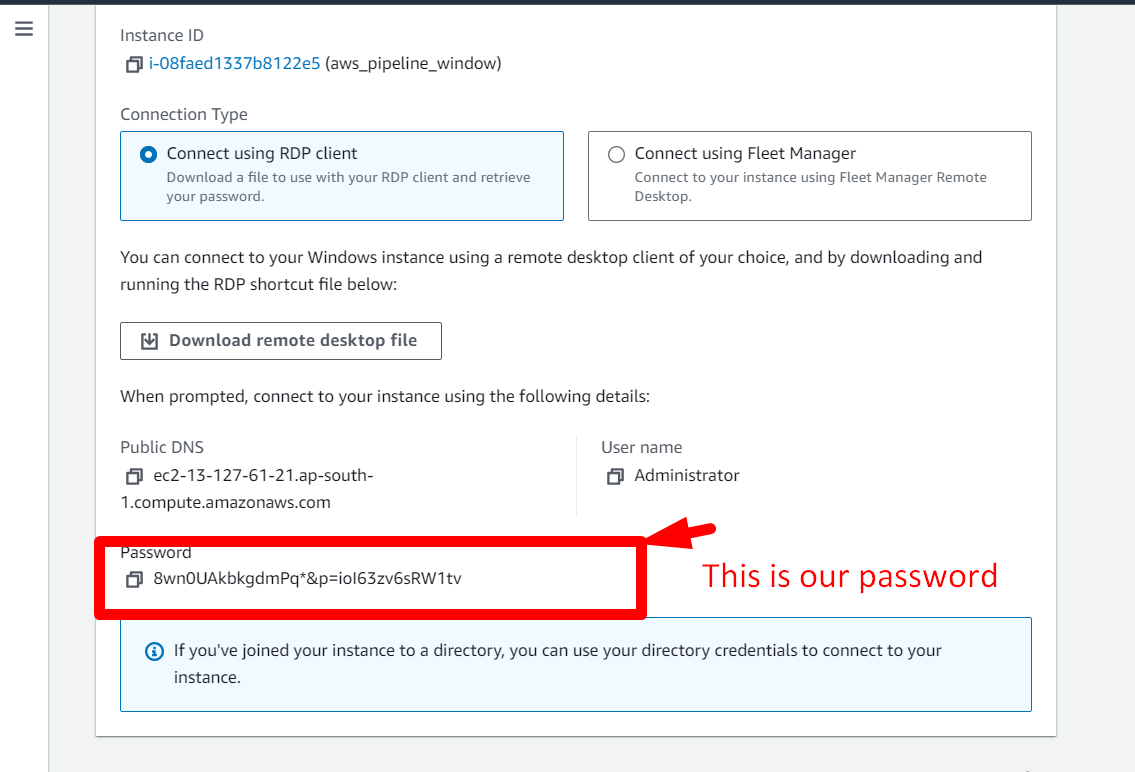
After deploying completed without any errors we open remote desktop connections

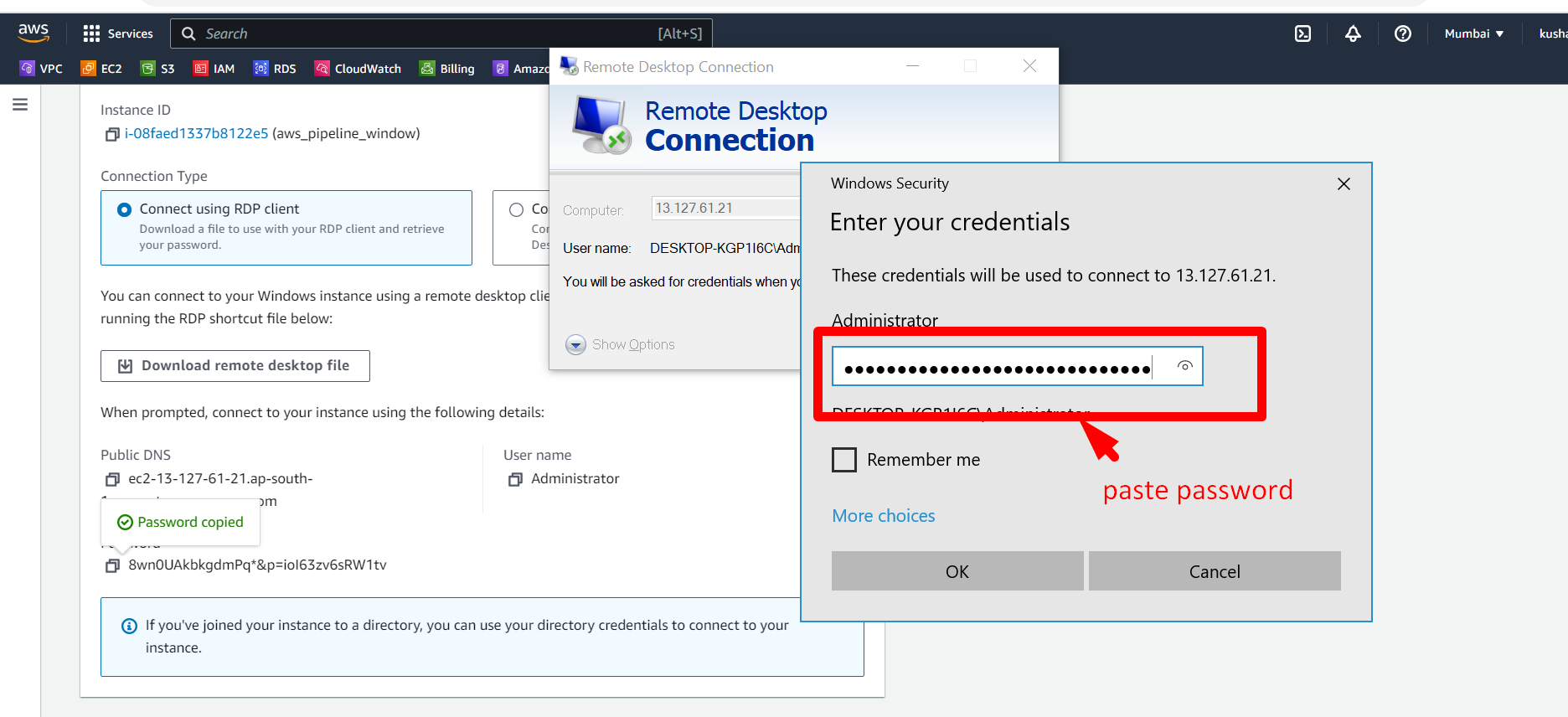
 



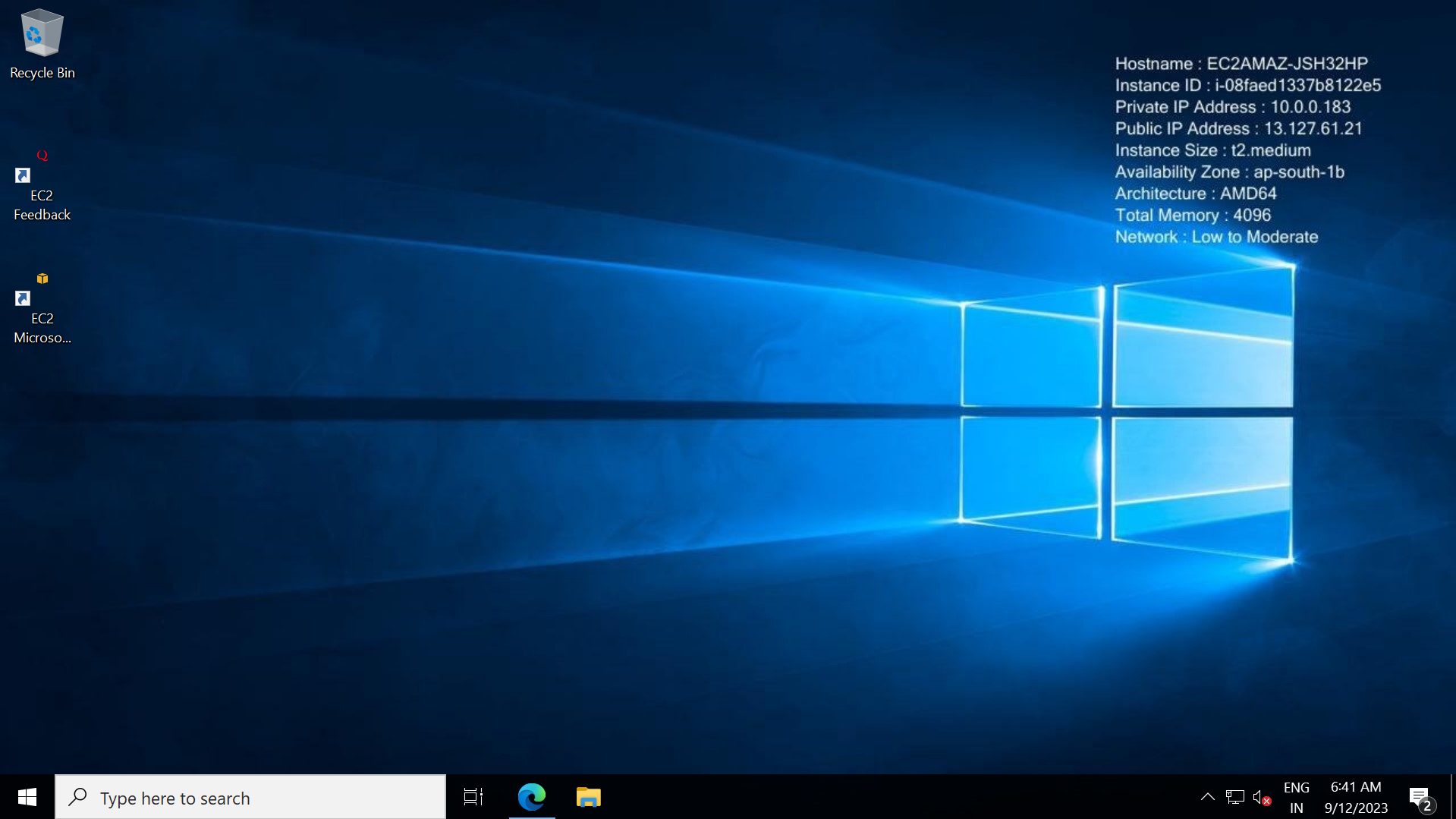


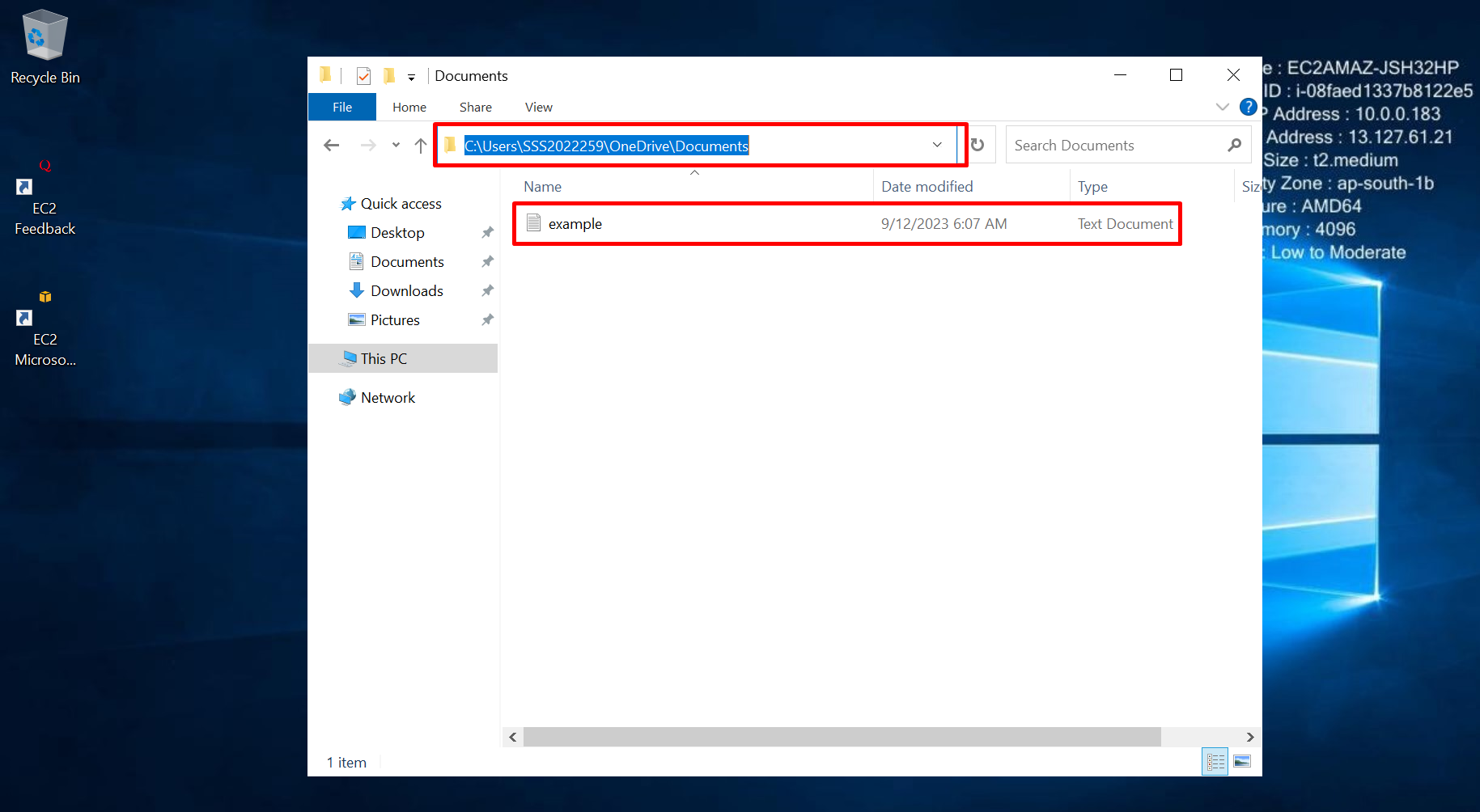






We successfully connected our windows server.





We successfully created a pipeline in AWS from GitHub to Window server for deployment.

**Thank You**