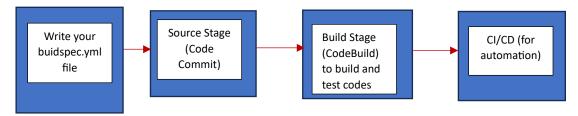
Project

Setup a two stages CI/CD pipeline using CodePipeline with build stage to simulate an application.

Ву

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Road Map Schematics of the Project

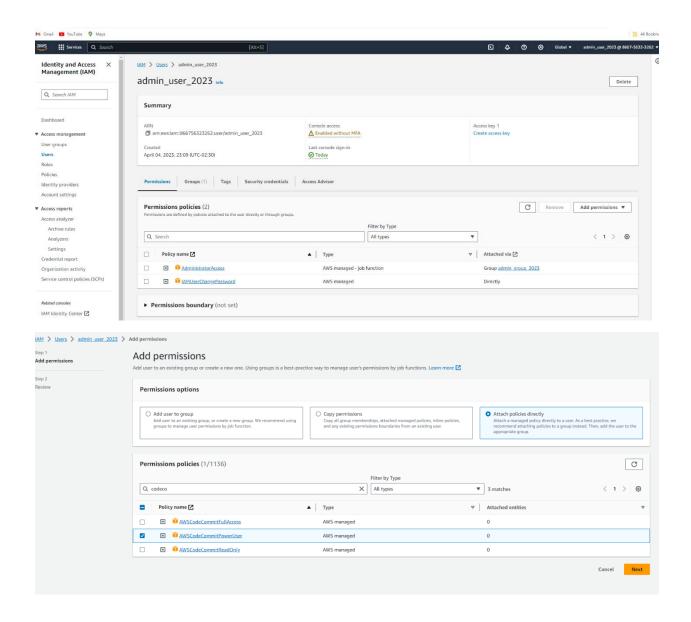


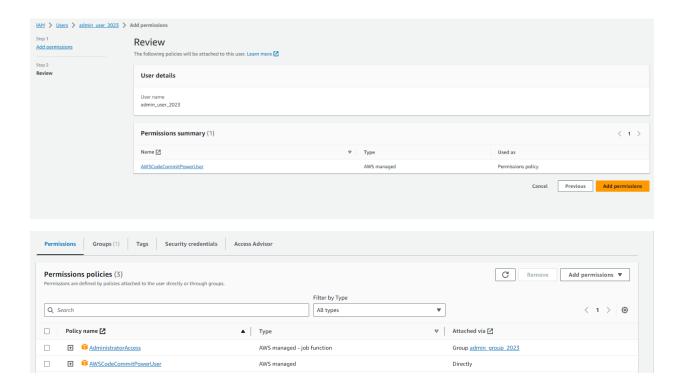
Firstly, I wrote my buildspec.yml code and saved it as "buildspec.yml". It is good to note that by default, the buildspec file must be named buildspec.yml and placed in the root of your source directory.

Secondly, for my source code being AWS CodeCommit, I created a repository.

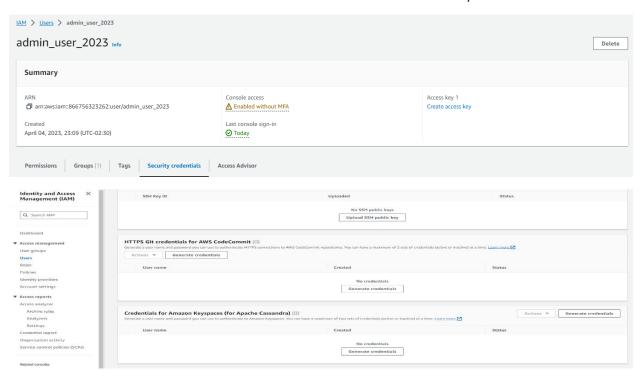
Hint:

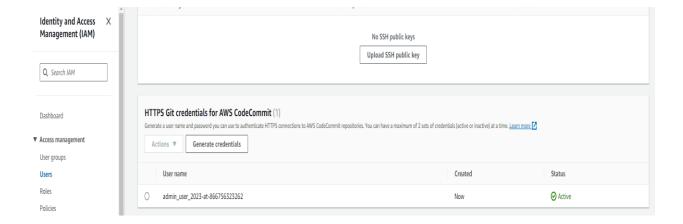
- Make sure you have one of the git clients like git installed in your local system.
- Attach an IAM permission "AWSCodeCommitPowerUser" to the user you choose to choose.



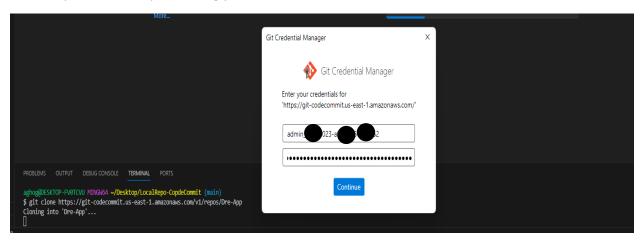


Get a HTTPS "Git Credentials for ASW CodeCommit" from the security tab of the IAM user.



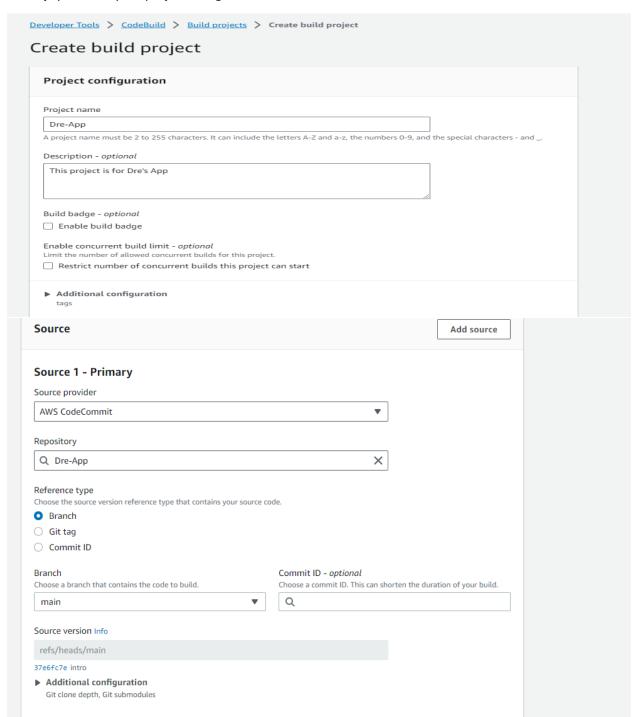


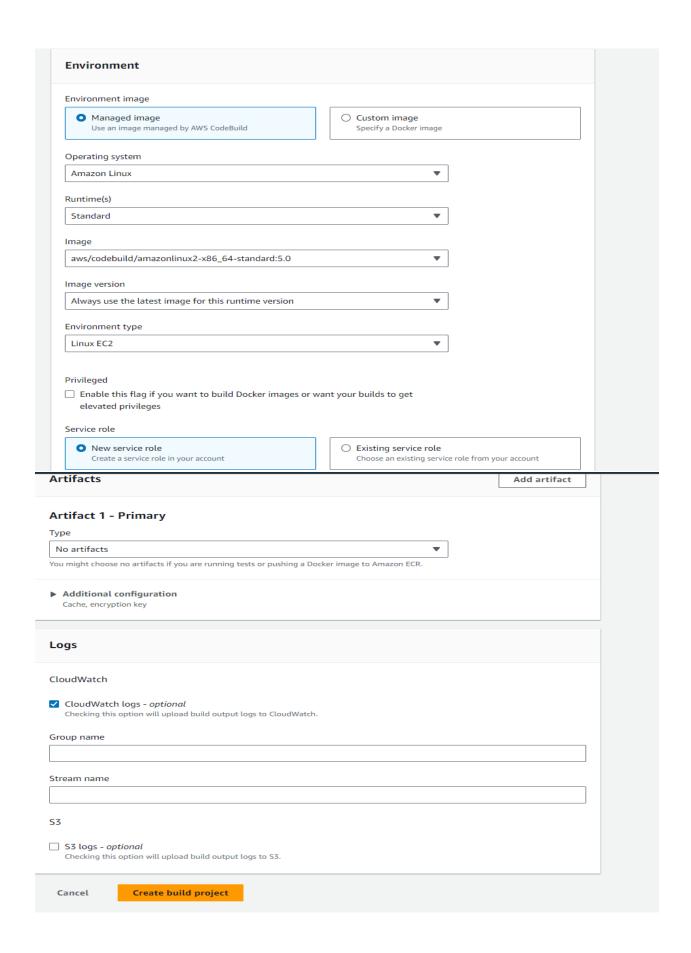
Next, you go ahead and create a codecommit repository and clone the http URL of the repository to a folder in your local computer, using your terminal.



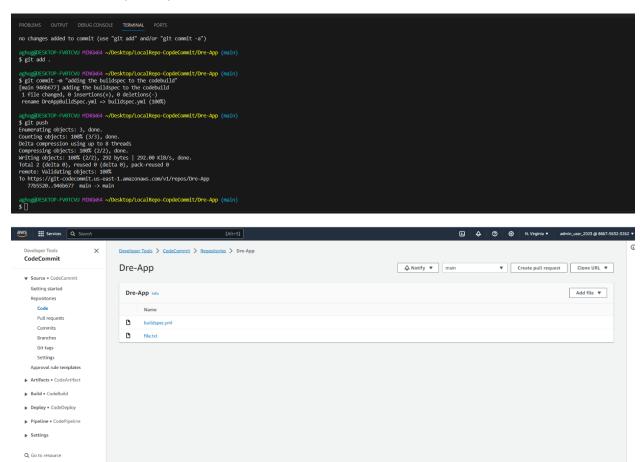
```
DEBUG CONSOLE
                                    TERMINAL
aghog@DESKTOP-FV0TCVU MINGW64 ~/Desktop/LocalRepo-CopdeCommit (main)
$ git clone https://git-codecommit.us-east-1.amazonaws.com/v1/repos/Dre-App
Cloning into 'Dre-App'...
remote: Counting objects: 3, done.
Unpacking objects: 100% (3/3), 182 bytes | 16.00 KiB/s, done.
aghog@DESKTOP-FV0TCVU MINGW64 ~/Desktop/LocalRepo-CopdeCommit (main)
$ 11
total 0
drwxr-xr-x 1 aghog 197610 0 Oct 10 10:23 Dre-App/
aghog@DESKTOP-FV0TCVU MINGW64 ~/Desktop/LocalRepo-CopdeCommit (main)
aghog@DESKTOP-FV0TCVU MINGW64 ~/Desktop/LocalRepo-CopdeCommit/Dre-App (main)
$ 11
total 0
-rw-r--r-- 1 aghog 197610 0 Oct 10 10:23 file.txt
aghog@DESKTOP-FV0TCVU MINGW64 ~/Desktop/LocalRepo-CopdeCommit/Dre-App (main)
$
```

Thirdly, you build your project using CodeBuild.

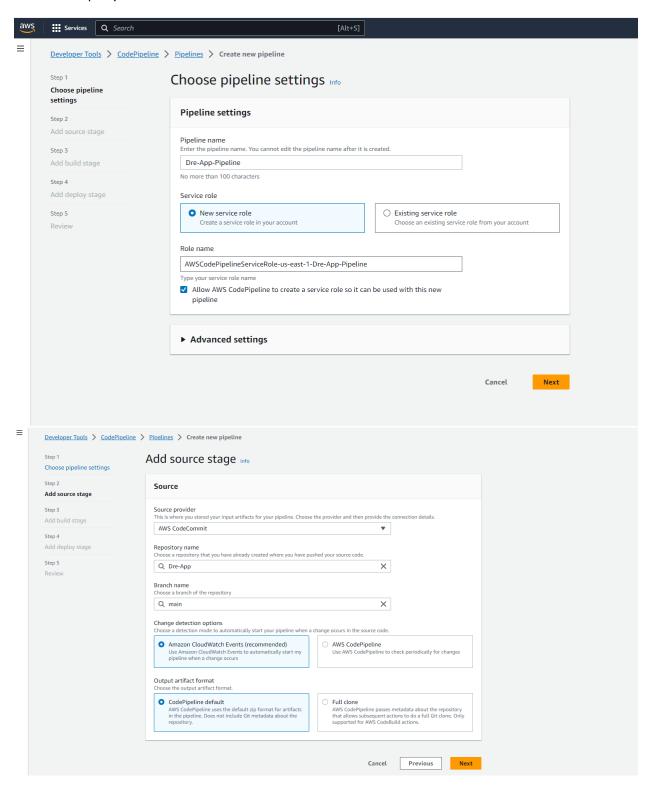


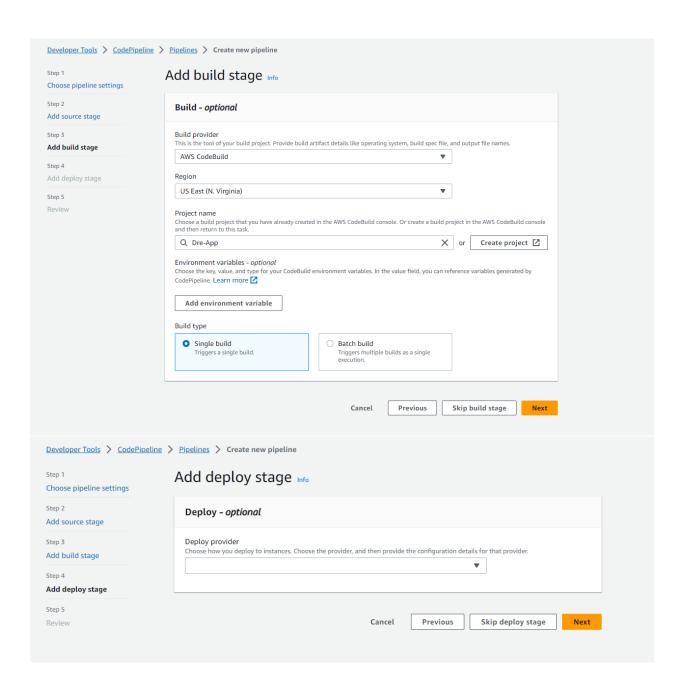


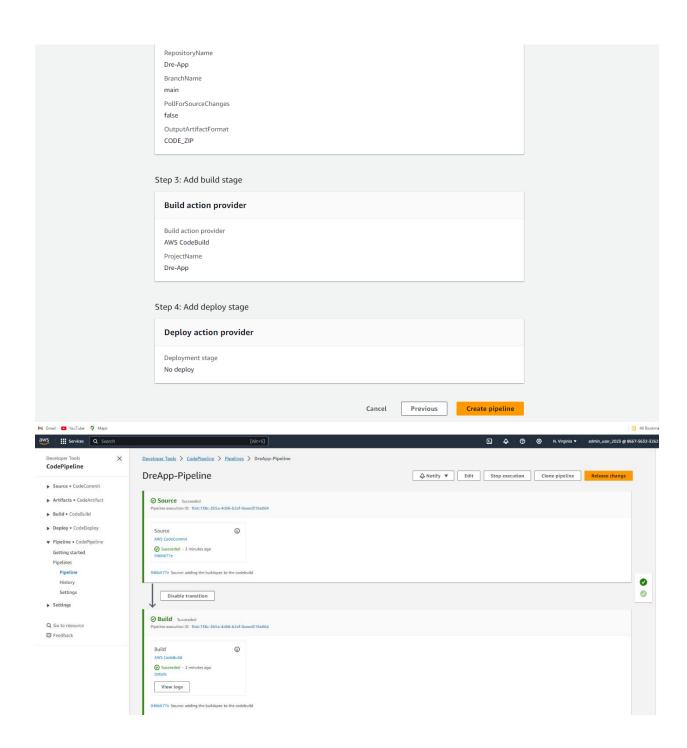
Creating a build project makes your codecommit as a source and creates a docker testing environment (a temporary ec2). After creating your build project, you can push your buildspec.yml file from your git to the codecommit repository.



Fourth Step, you build a CI/CD pipeline as an orchestrator for automation of any changes made to your code "buildspec.yml"







Finally, a two stage CI/CD pipeline is created.

Screenshot of the Build Log.

Close