Deploy a simple web application using AWS code commit, code build and deploy & access via browser and automate via codepipeline.

AWS CODE COMMIT

Code commit was not working so i used github repository instead of creating code commit repo

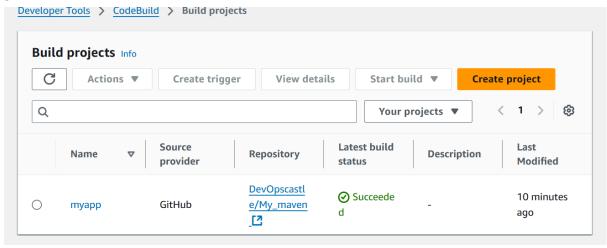
AWS CODE BUILD

Integrate github and codebuild using git hub repo name, url, and git hub token

STEP 1

Repository settings
Repository name
team
100 characters maximum. Other limits apply.
Description - optional
1,000 characters maximum
Tags
Add tag
► Additional configuration AWS KMS key
☐ Enable Amazon CodeGuru Reviewer for Java and Python - optional

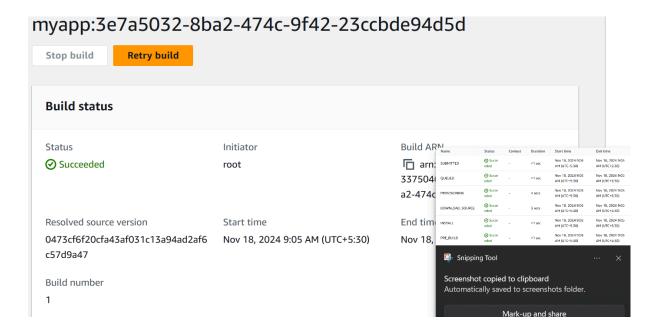
STEP 2 -



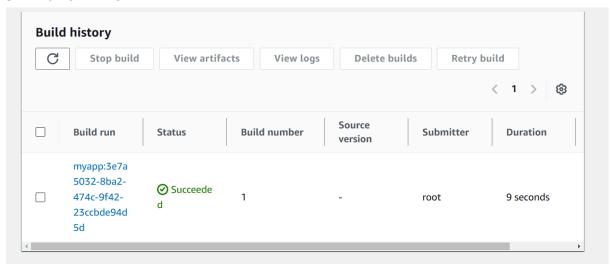
STEP 3 - build logs

Name	Status	Context	Duration	Start time	End time
SUBMITTED	Succe eded	-	<1 sec	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
QUEUED	Succe eded	-	<1 sec	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
PROVISIONING	Succe eded	-	4 secs	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
DOWNLOAD_SOURCE	Succe eded	-	3 secs	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
INSTALL	Succe eded	-	<1 sec	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
PRE_BUILD	Succe eded	-	<1 sec	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
BUILD	Succe eded	-	<1 sec	Nov 18, 2024 9:05 AM (UTC+5:30)	Nov 18, 2024 9:05 AM (UTC+5:30)
POST_BUILD	⊘ Succe	-	<1 sec	Nov 18, 2024 9:05	Nov 18, 2024 9:05

STEP 4 - Build success



STEP 5 - JAR file

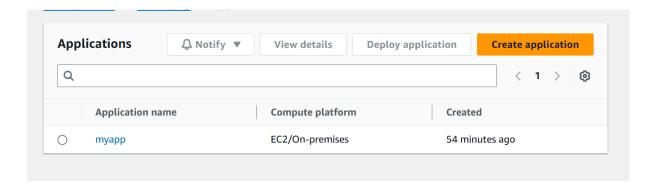


AWS CODE DEPLOY

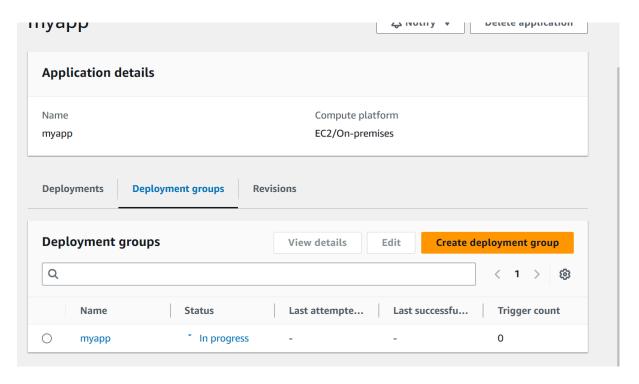
STEP 1 - deployment

- 1.Launch ec2 instance > install codedeploy-agent > run it
- 2. Connect the instance in our deployment by creating iam role ec2full acess, s3 full acces
- 3. Create s3 bucket and attach iam role
- 4. Create iam role aws code deplot and attach the role to the deployment group
- 5.Do git init and commit it take the commit id and put in de-ployment
- 6.Set security group inbound rule http access
- 7.do git init and git clone and git add and git commit then check git log so get commit id

STEP 2 - create app



STEP 3 - create deploy group



STEP 4 - started deploying status

