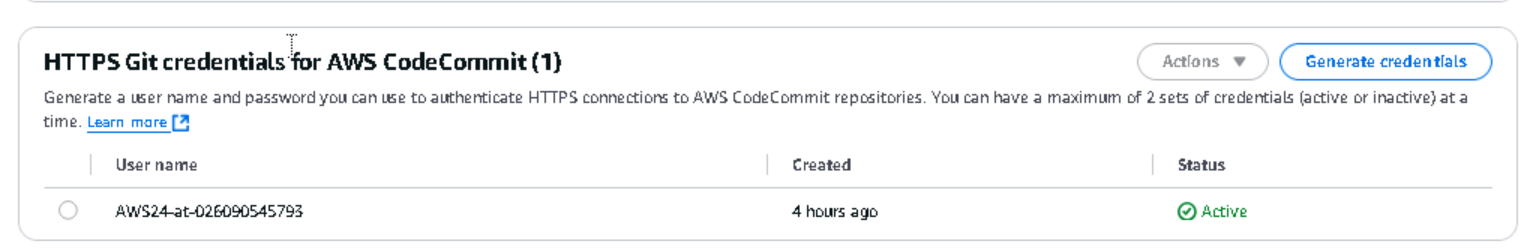
**AWS EXAM 2**

**TERRAFORM**

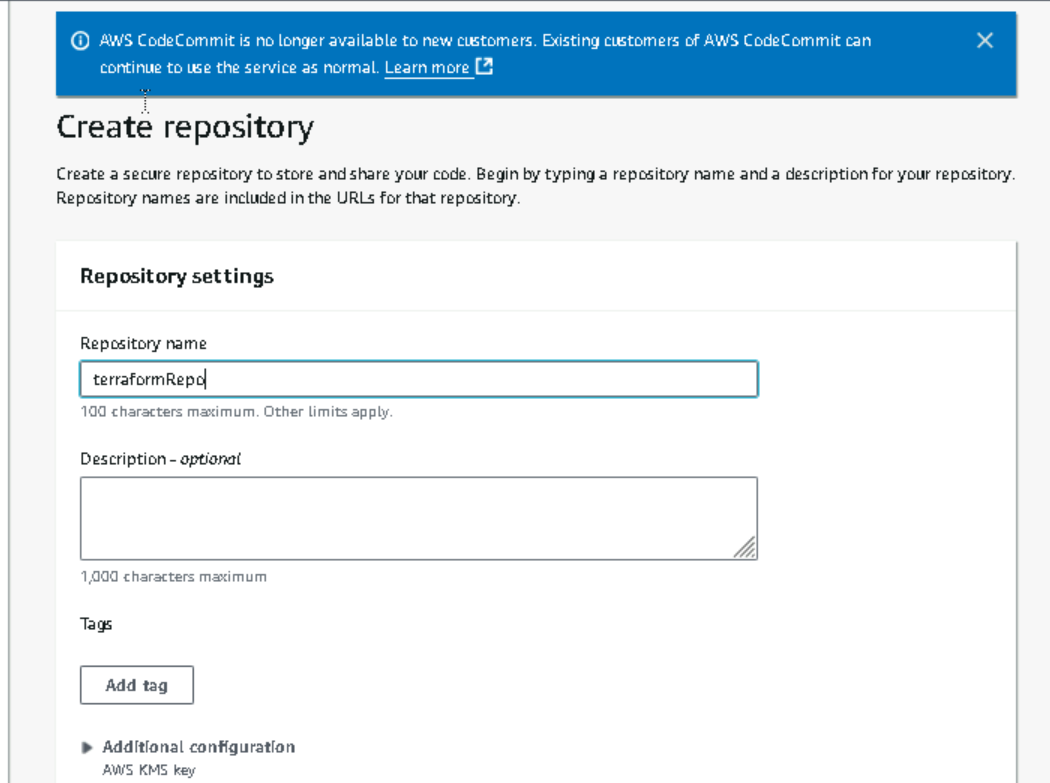
**TASK 1 & 2:**

**INITIALIZE TERRAFORM AND PROVIDER & STORE ALL FILES IN CODE COMMIT REPOSITORY**

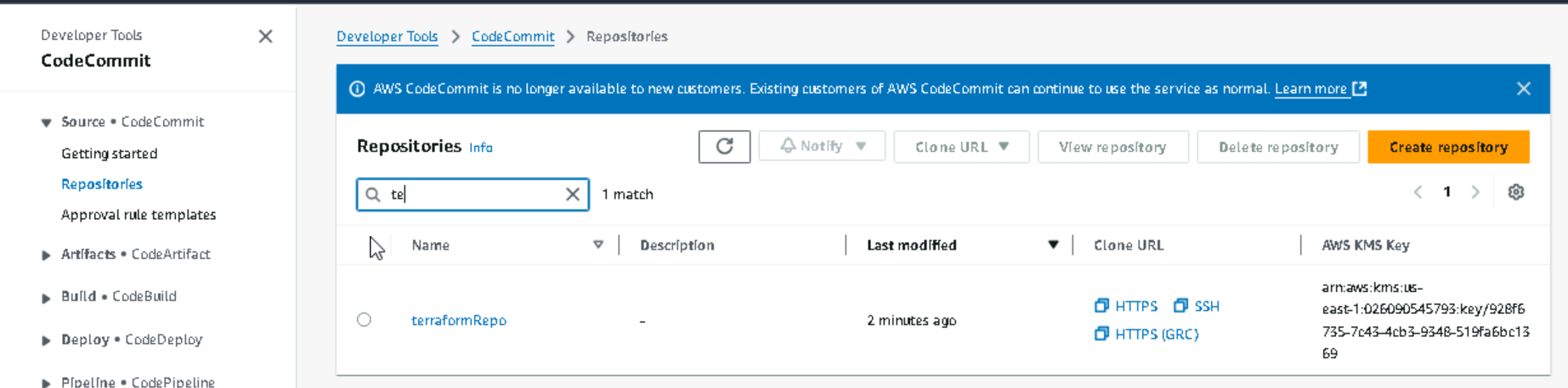
**CREATE SECURITY CREDENTIAL IN IAM USER FOR USE OF CODE COMMIT**



**CREATE A CODE COMMIT REPOSITORY FOR TERRAFORM**



**CODE COMMIT REPOSITORY CREATED**

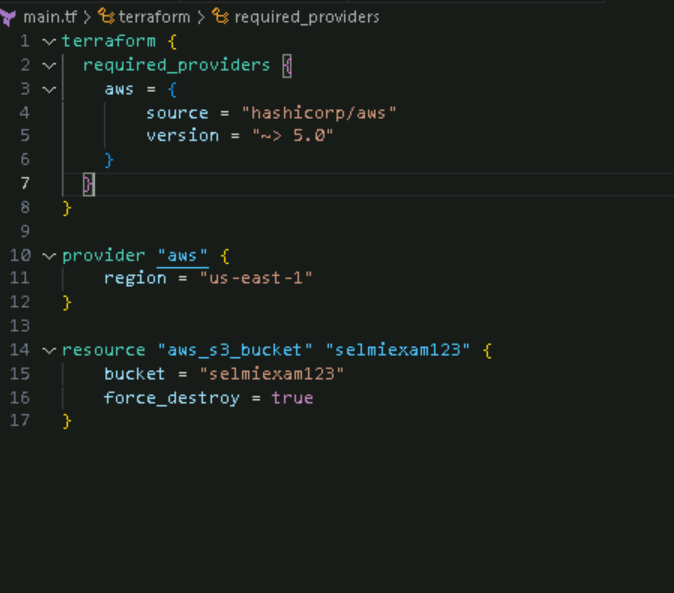


**CLONE THE REPOSITORY AND ADD FILES AND PUSH**



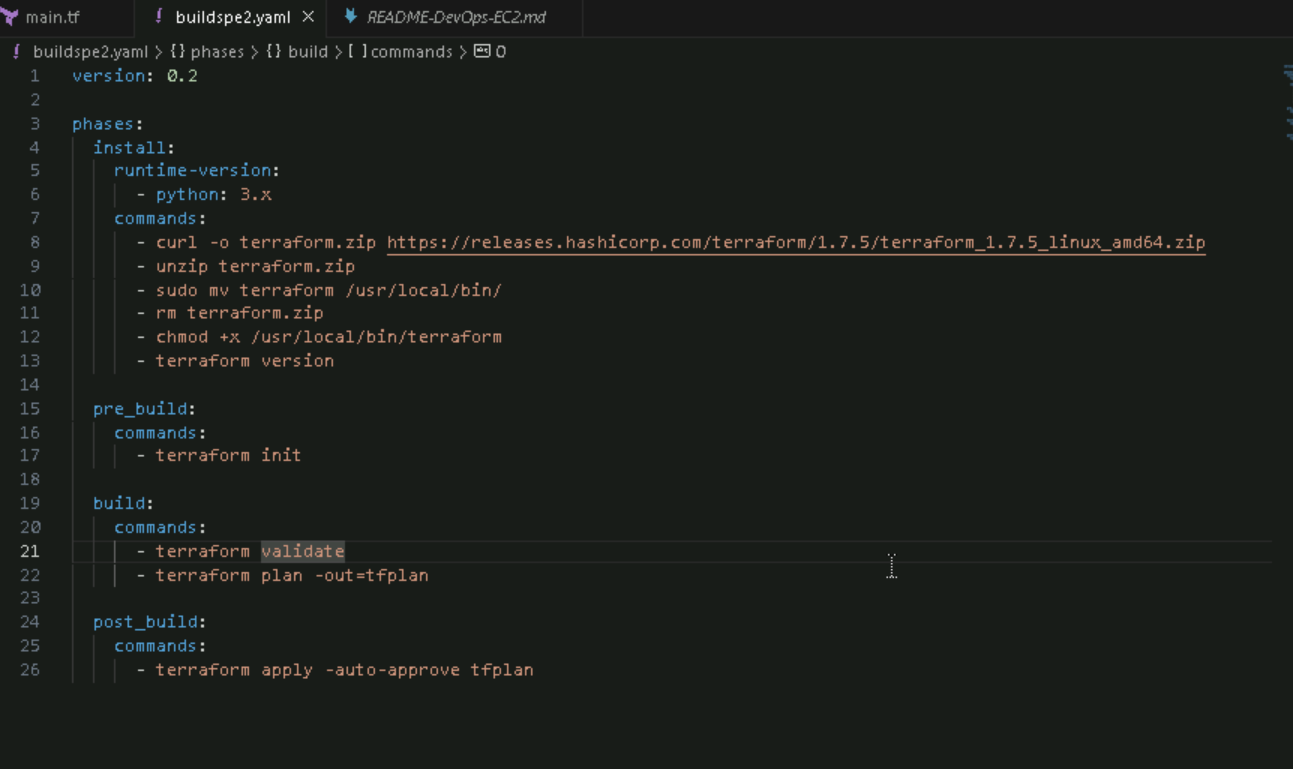
**TERRAFORM code main.tf**

* Give appropriate terraform providers and region
* This will create a s3 bucket

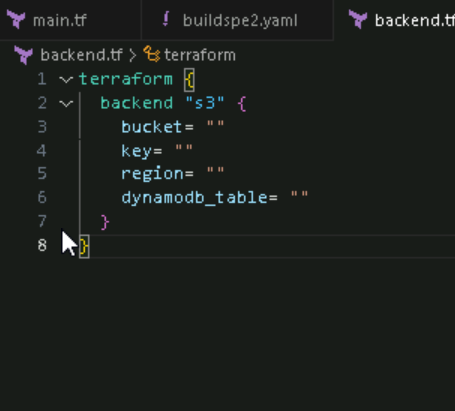


**Buildspec.yaml for apply terraform using code build**

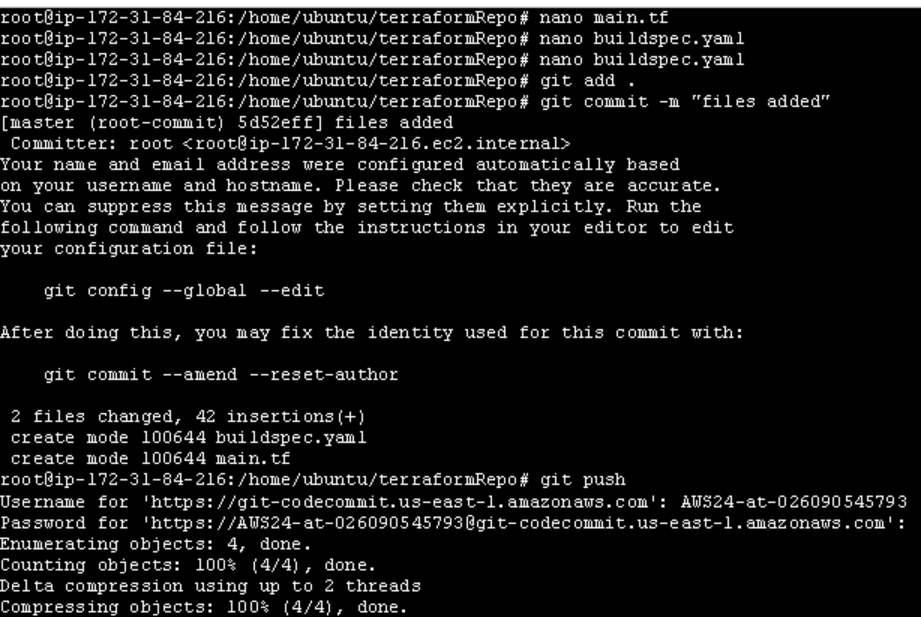
* **Installing terraform**
* **Terraform init (TO INITIALIZE TERRAFORM AND PROVIDER (TASK1)**
* **Terraform plan**
* **Terraform apply**

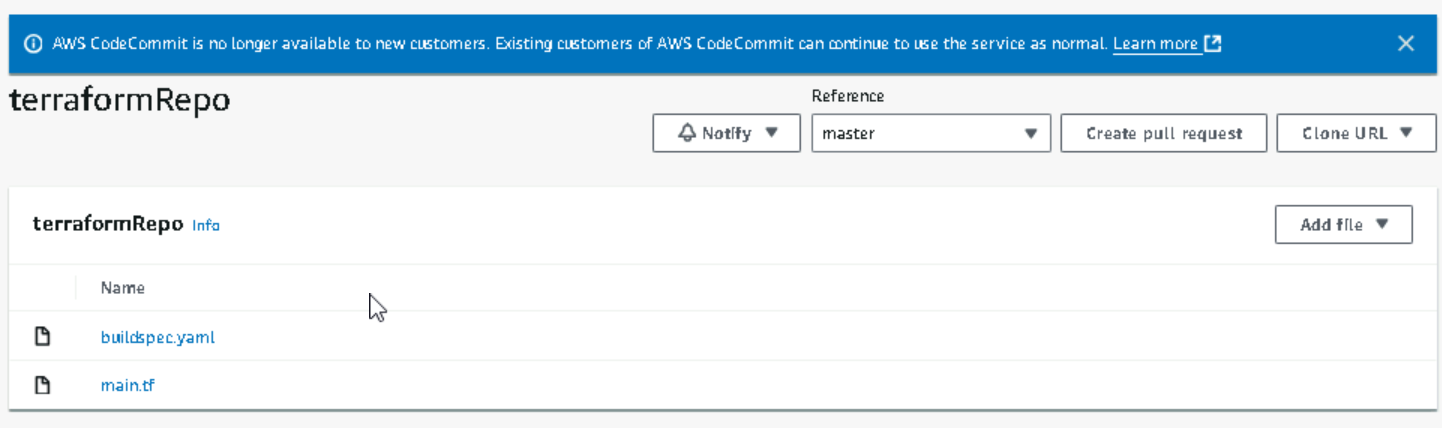


**Add a backend.tf to store the tfstate file of terraform**



**Push all the files to code commit**



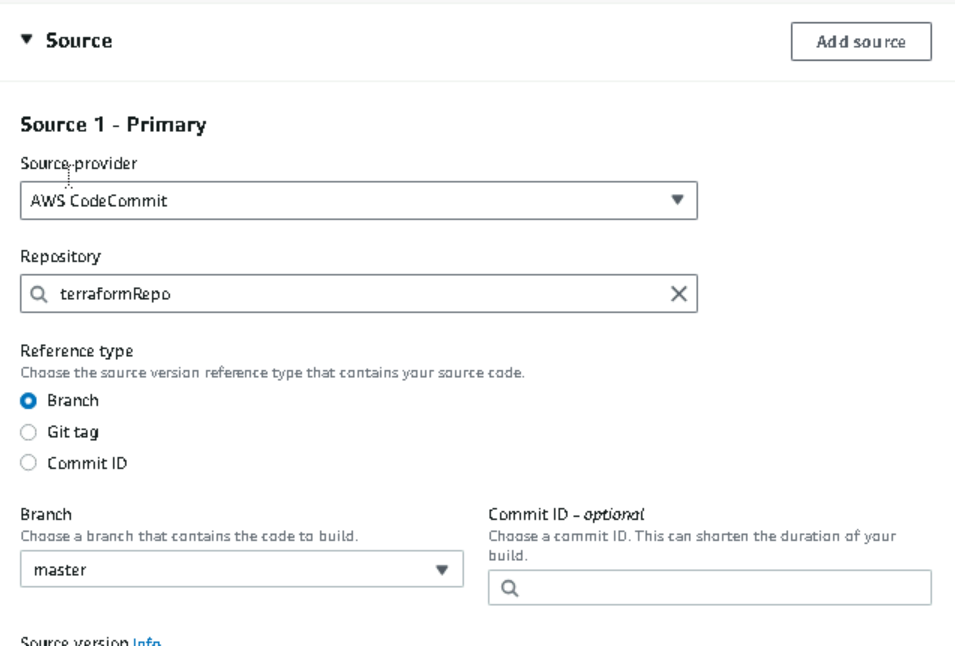


**TASK3 AND 4 :**

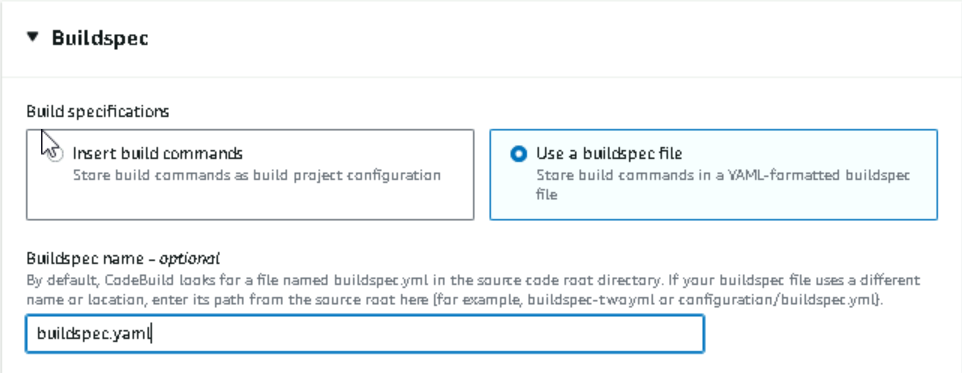
**AWS CODE PIPELINE FOR RUN TERRAFORM SCRIPT & CREATE S3 BUCKET**

**CREATE CODE BUILD FOR BUILD STAGE IN CODE PIPELINE**

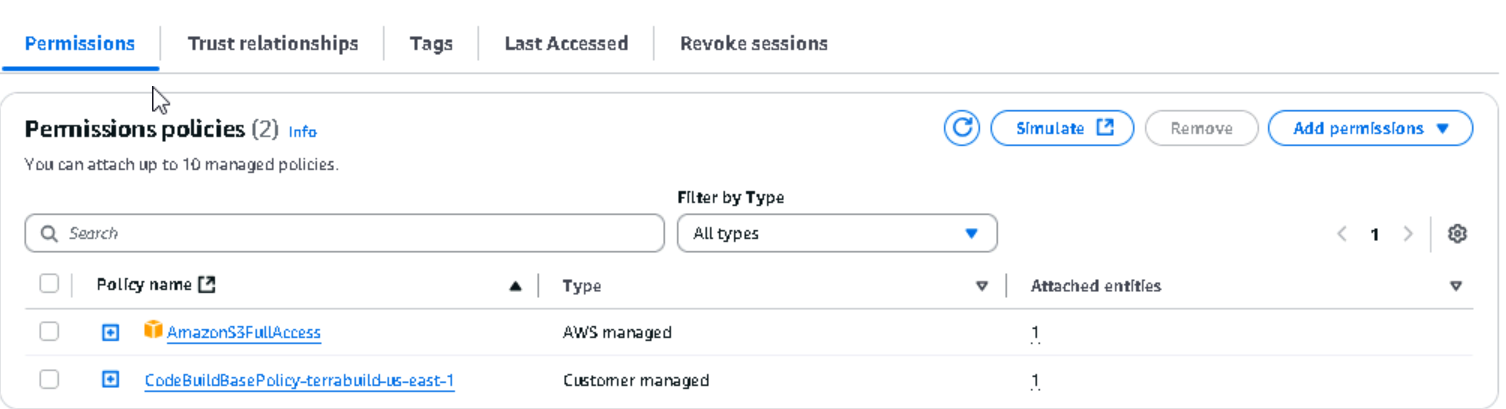
* **Add code commit as source**



**Add builspec.yaml to code build**

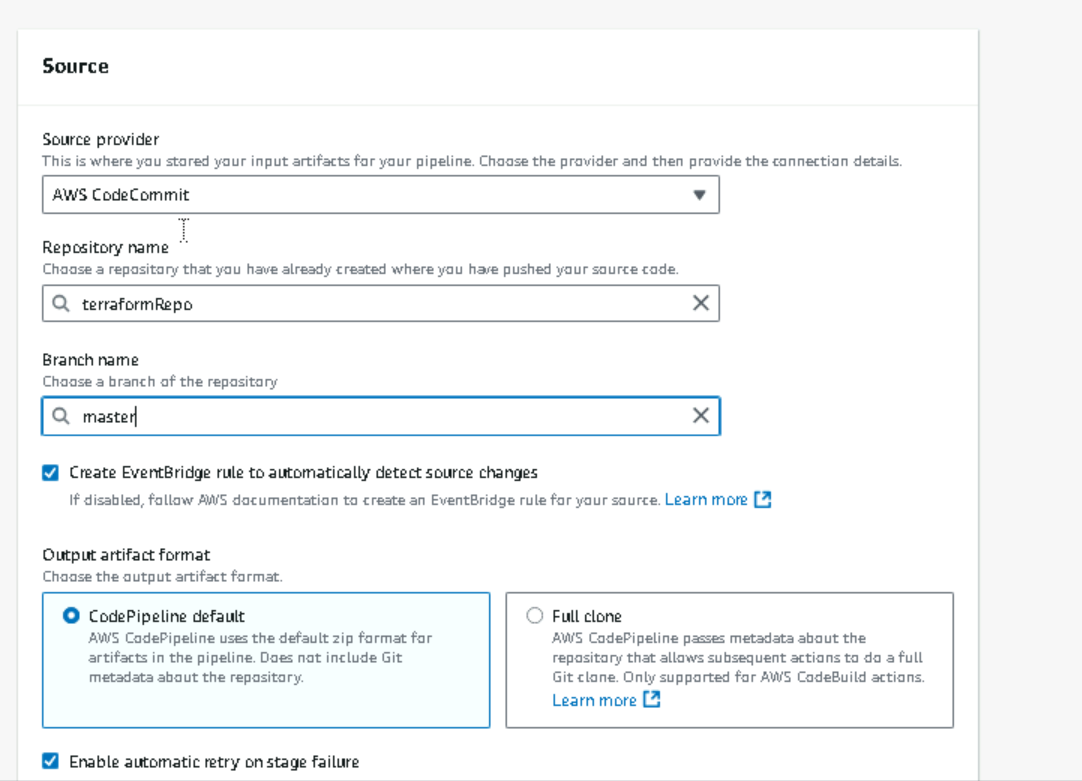


**Give permission for code build**

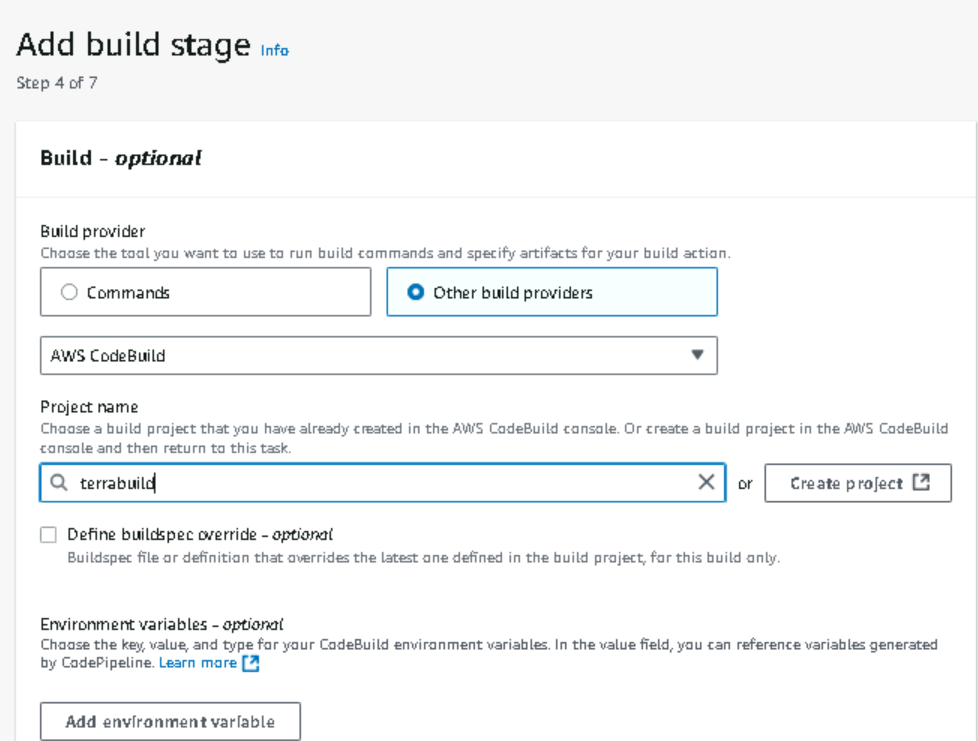


**CREATE CODE PIPELINE**

* **MENTION SOURCE : CODE COMMIT REPO**

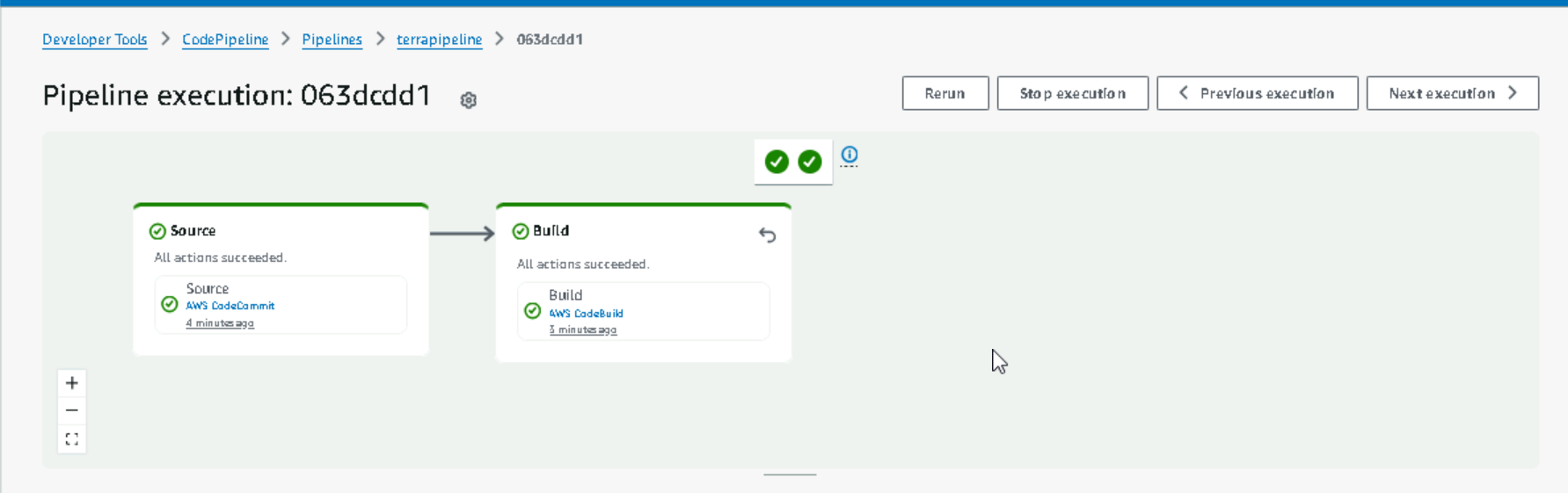


* **MENTION BUILD PROVIDER: CODE BUILD**

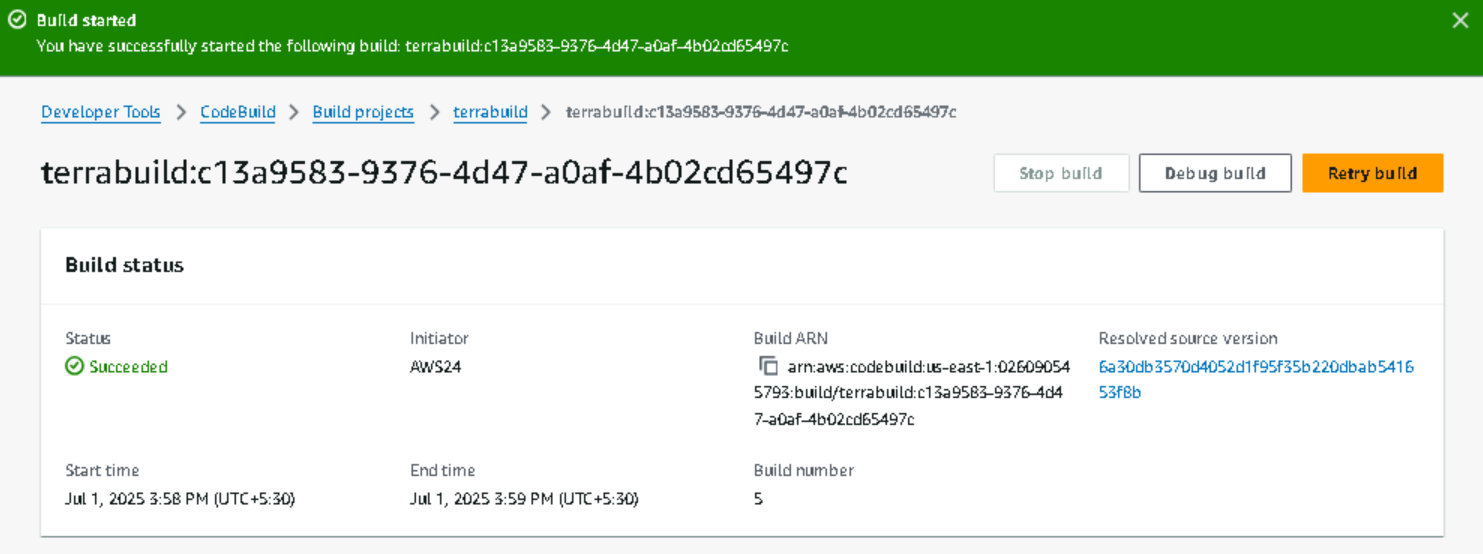


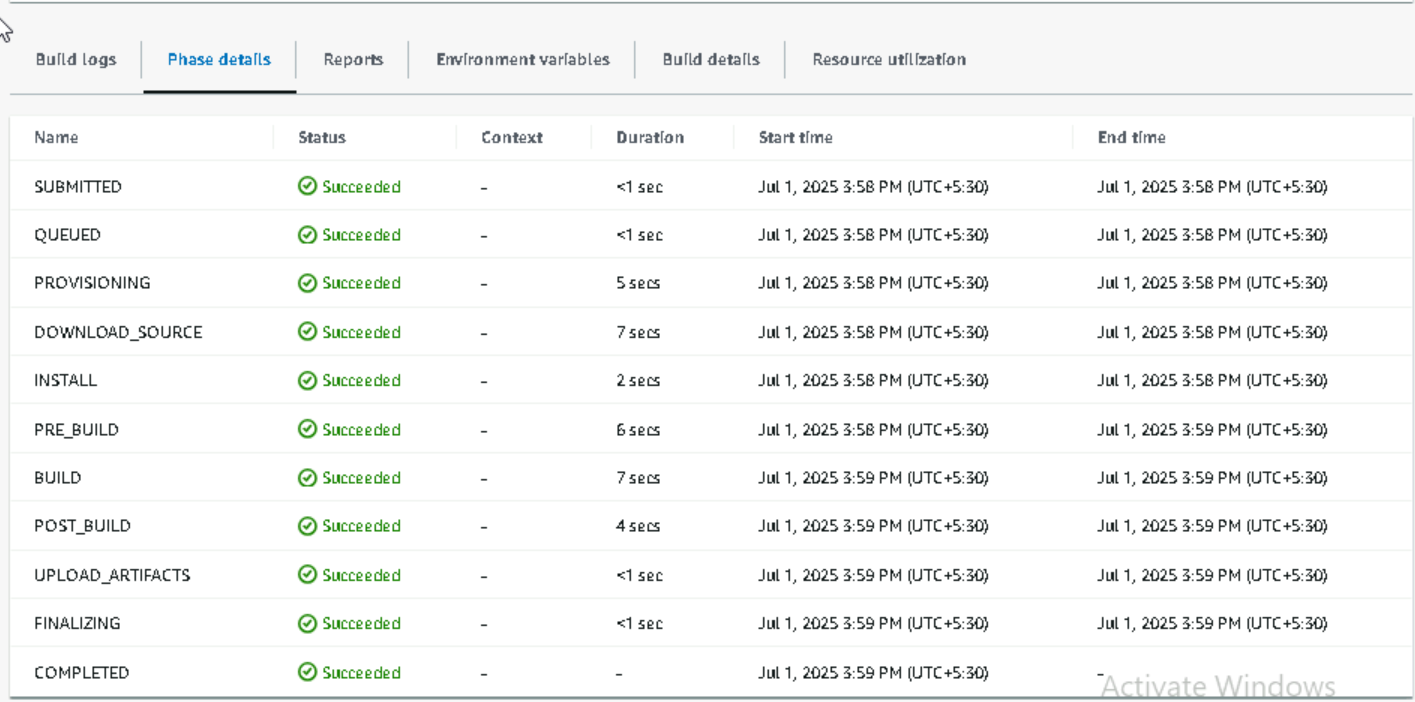
**RUN THE PIPELINE**

**PIPELINE IS SUCCESS AND S3 BUCKET IS CREATED**

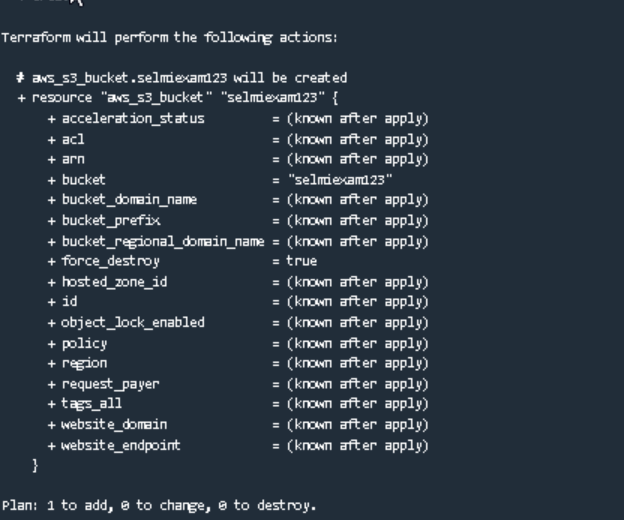


**BUILD PHASE OUTPUT - SUCCESS**

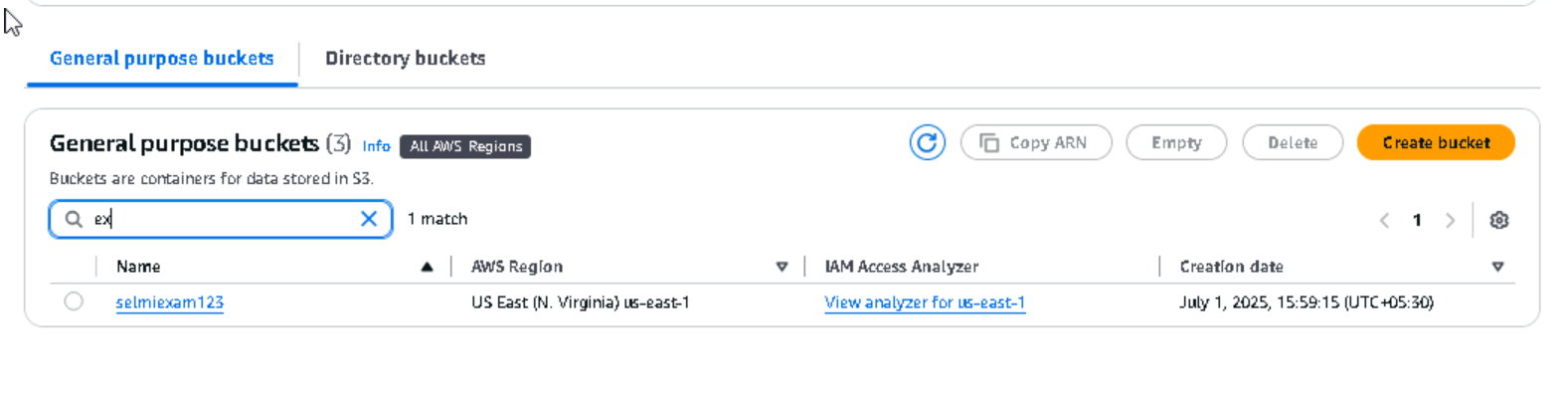




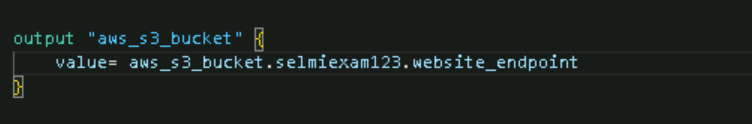
**OUTPUT LOG OF PIPELINE**

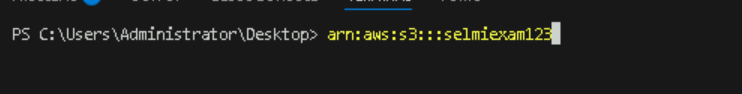


**S3 BUCKET CREATED THROUGH TERRAFORM**



S3 bucket endpoint



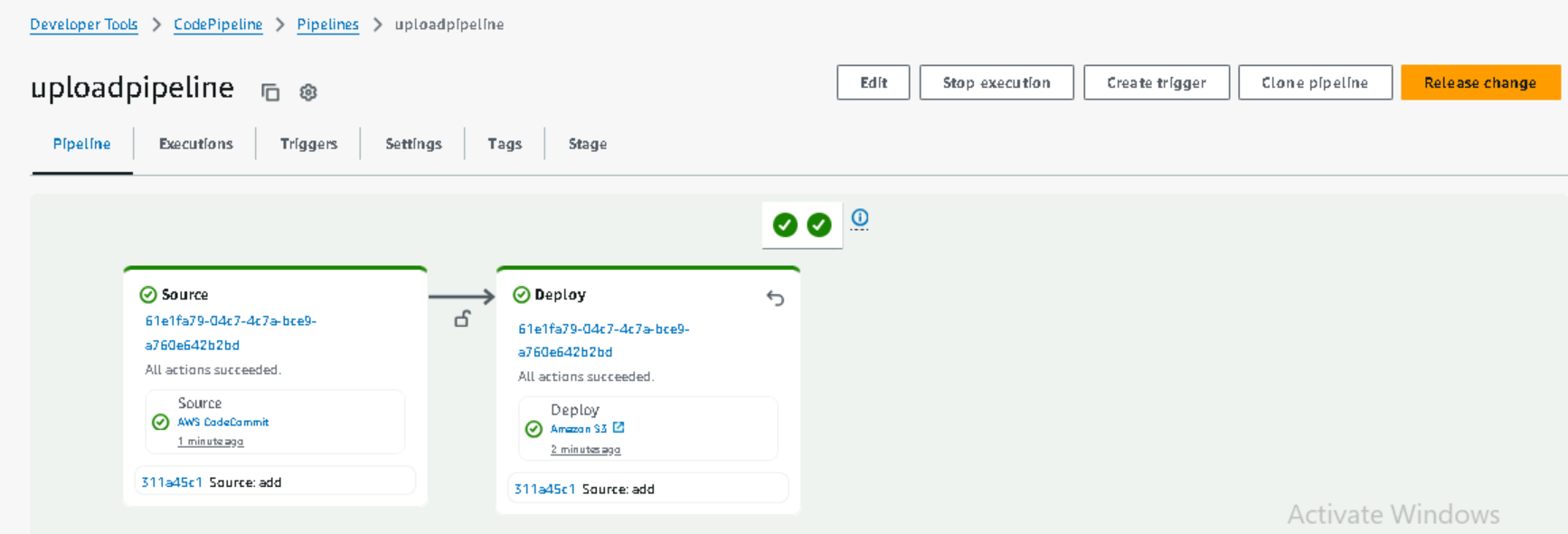


**TASK 5 & 6:**

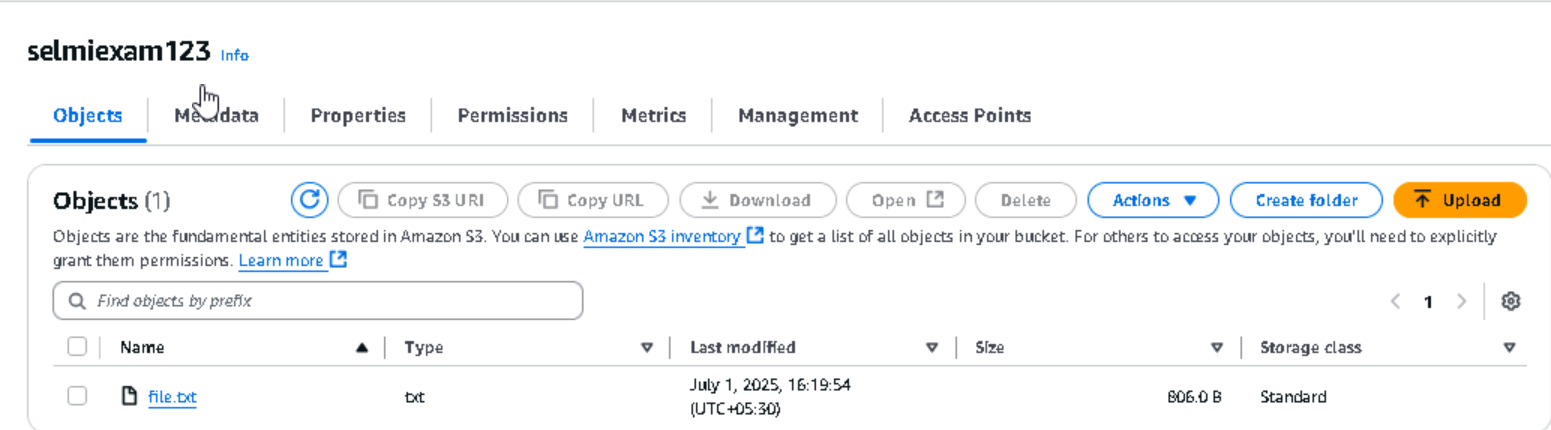
**UPLOAD SAMPLE FILE & VERIFY**

I added one file named file.txt to code commit repository and upload that to s3 bucket created through pipeline

**UPLOADING A FILE TO S3 BUCKET - SUCCESS**



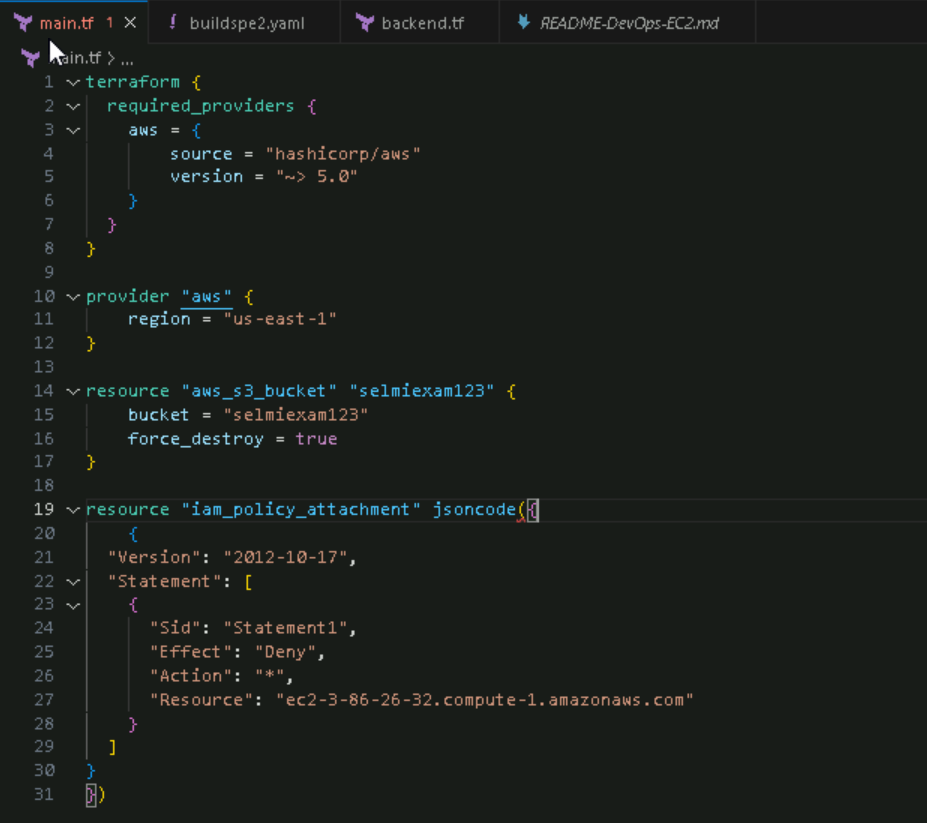
**FILE UPLOADED BY TERRAFORM AND PIPELINE**



**TASK 7 & 8**

**ENABLE NETWORK RULES & VERIFY**

**TERRAFORM UPDATED FOR NETWORK RULES**



**VERIFY**

