Experiment 10 Output

Aim: This experiment sets up a Continuous Integration/Continuous Deployment (CI/CD) pipeline using GitHub Actions, Docker, and LocalStack to simulate AWS services.

Creating S3 Bucket and Storing data

powershell Compress-Archive -Path * -DestinationPath my-code.zip s3://my-ci-cd-artifacts/ paws --endpoint-url=http://localhost:4566 s3 cp my-code.zip paws --endpoint-url=http://localhost:4566 s3 cp my-code.zip s3://my-ci-cd-artifacts/ paws --endpoint-url=http://localhost:4566 s3 ls s3://my-ci-cd-artifacts/

Fig 1: S3 Bucket

Pulling the Remote Repository

Fig 3: Remote Repository

Remote Repository and Workflow

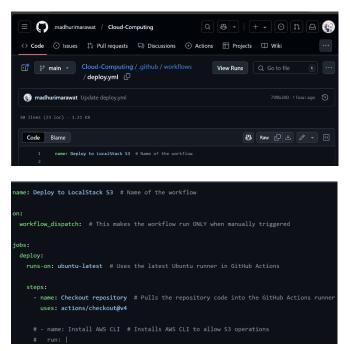


Fig 5: Remote Repository and Workflow File

Initialising a git repo

```
C:\Users\rawat\Documents\8 SEMESTER\Cloud Computing\Lab\Experiment 10\Codes>git init
Initialized empty Git repository in C:/Users/rawat/Documents/8 SEMESTER\Cloud Computing
C:\Users\rawat\Documents\8 SEMESTER\Cloud Computing\Lab\Experiment 10\Codes>git add .

C:\Users\rawat\Documents\8 SEMESTER\Cloud Computing\Lab\Experiment 10\Codes>git commit
[master (root-commit) 2dfb5b6] Initial commit
3 files changed, 1153 insertions(+)
create mode 100644 Command Prompt Input and Output Explanation.md
create mode 100644 Command Prompt Input and Output Explanation.pdf
create mode 100644 Command Prompt Input and Output.txt
```

Fig 2: Git Repository Intitialization

Updating in Remote Repository

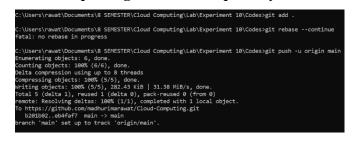


Fig 4: Updating in Repository

Workflow Run

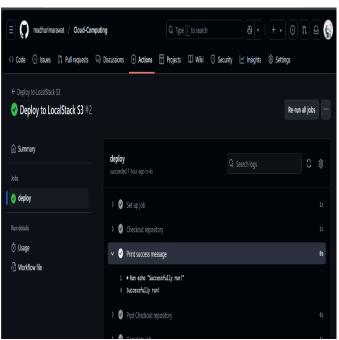


Fig 6: GitHub Actions Workflow

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