

① Exp 1. Aim :- set up AWS cloud.

Steps :-

- (1) open aws account
- (2) search cloud 9
- (3) create instance
- (4) ~~create~~ name → next → ubuntu → create instance.

② Exp 2 :- Aim :- create private repository on cloud.

follow the step of Exp 1

the 2nd → in aws console write

- (1) git clone & link repository.
- (2) git remote -v
- (3) git remote remove origin
- (4) git remote add. origin (link from codecommit).
- (5) git status
- (6) git add.
- (7) git status.
- (8) cd (aws - codedploy - sample - tomcat) Readme.
- (9) ls
- (10) git remote -v
- (11) git add.
- (12) git remote -v
- (13) git status
- (14) git commit -a "initial commit".
- (15) git log
- (16) git push origin master ~~do~~
- (17) open : done

Exp 3 :- Create EC2 instance

step

(1) open aws account

(2) search EC2

(3) ^{launch} create Instance

(4) Master → Ubuntu → (free tier) → Key pair → Create key.
(5) Default ← subject ← Pair
existing

(3) Cut & copy key file (properties) → advance → disable.
(4) and perform

Exp 6 :- Perform terraform installation.

Steps: (1) ssh -i newCR.pem ubuntu@52.66.202.132

(2) wget https://releases.hashicorp.com/terraform/1.0.7/terraform-1.0.7-linux-amd64.zip

(3) sudo apt install unzip

(4)

(5) sudo mv terraform /usr/local/bin

(6) terraform -v

(7) mkdir terraform-demo

Exp 4 :- S3

(1) open aws account

(2) search S3

(3) create bucket

(4) Enter bucket name → region → last 2 click → check box
Create bucket

(5) open & click upload & upload.

(6) open object copy URL → & in new tab
everyone ← edit ← permission
checkbox ← public

save changes.

Exp 5 :- Jenkins Installation. cd c:\users\student\desktop\Jenkins

Step :- (1) sudo apt-get install update

(2) sudo apt-get install openjdk-11-jdk

(3) sudo apt-get upgrade

(4) wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.Key | sudo

(5) sudo apt-get install jenkins

(6)

Ex 8 :- create lambda function in python.

steps :- (1) open aws account

(2) search lambda

(3) create function.

(4) name → python 3.9 → create function →

(5) you will see a code i.e

```
def lambda_handler(event, context):
```

```
    if event["name"] == "client":
```

```
        return "server"
```

(6) Deploy & Test

(7) add event name client

(8) In code

```
    }
```

```
    "name": "client",
```

```
    "subject": "server"
```

```
    }
```

(9) save

(10) Test & deploy

done...