## TASK 1

## Task 1

Create a jenkins pipeline that deploys the following node or any other app on a ec2 instance.

Example link: https://github.com/deltablue-cloud/nodejs-react-hello-world

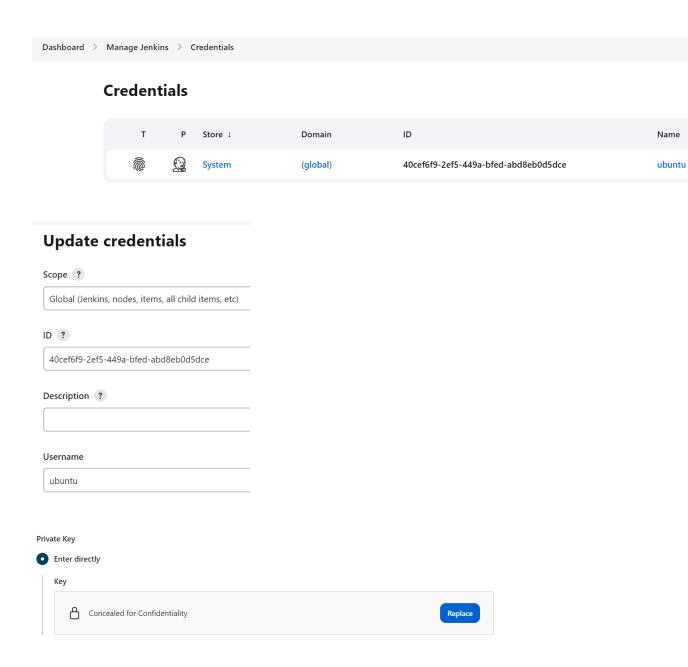
I have used <a href="https://github.com/Maddy-ria/Test\_code.git">https://github.com/Maddy-ria/Test\_code.git</a> Project.

I have created a Shell script to install Jenkins. Script is attached in git repo.

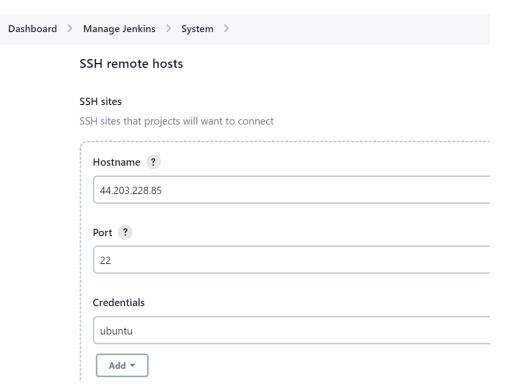
```
#!/bin/bash
sudo apt-get update
sudo apt install openjdk-11-jdk -y

curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo
tee /usr/share/keyrings/jenkins-keyring.asc > /dev/null
echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]
https://pkg.jenkins.io/debian-stable binary/ | sudo tee
/etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt update
sudo apt install jenkins -y
sudo systemctl start jenkins
```

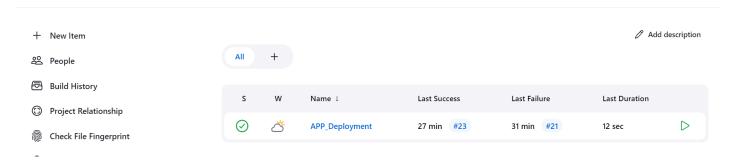
To ssh on Application instances I have copied Key pair under jenkins.



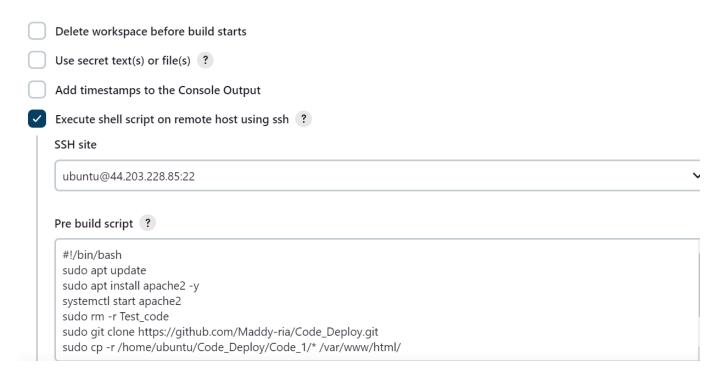
Than we need to select same host under Manage jenkins



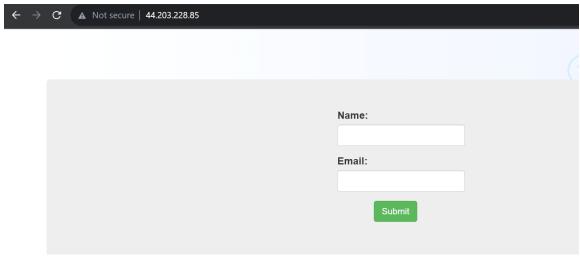
I have created an App\_Deployment job as freestyle Project



## **Build Environment**



After Deployment We can see this webpage on public IP.



Following must be allowed to access jenkins and the app page.

