Task 4 – Jenkins set up for CD

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Pipeline code

pipeline {

agent any

environment {

GIT\_REPO = 'https://github.com/meenu-sharma06/devops.git'

INDEX\_AWS = 'index-aws.html'

INDEX\_AZURE = 'index-azure.html'

AWS\_HOSTS = 'ubuntu@44.212.61.7 ubuntu@44.192.132.217'

AZURE\_HOSTS = 'azureuser@20.121.189.209 azureuser@172.178.71.108'

AWS\_KEY = '/var/lib/jenkins/.ssh/meenu-key1.pem'

AZURE\_KEY = '/var/lib/jenkins/.ssh/meenu-azure.pem'

}

stages {

stage('Clone GitHub Repo') {

steps {

git branch: 'main', url: 'https://github.com/meenu-sharma06/devops.git'

}

}

stage('Deploy to AWS VMs') {

steps {

script {

env.AWS\_HOSTS.split().each { host ->

sh """

scp -i ${env.AWS\_KEY} ${env.INDEX\_AWS} ${host}:/var/www/html/index.html

ssh -i ${env.AWS\_KEY} ${host} 'sudo systemctl restart nginx'

"""

}

}

}

}

stage('Deploy to Azure VMs') {

steps {

script {

env.AZURE\_HOSTS.split().each { host ->

sh """

scp -i ${env.AZURE\_KEY} ${env.INDEX\_AZURE} ${host}:/var/www/html/index.html

ssh -i ${env.AZURE\_KEY} ${host} 'sudo systemctl restart nginx'

"""

}

}

}

}

}

post {

success {

echo 'Nginx index files deployed successfully.'

}

failure {

echo 'Something went wrong with the deployment.'

}

}

}