1. Create AWS Access & Secret Key in multiple accounts.
2. Perform AWS Configure and create multiple profiles
3. Create a pipeline with build parameters and create a parameter called as ENVIRONMENT and give choices as DEV & PROD.
4. Use the below pipeline to deploy into the appropriate environment.
5. Make sure Jenkins dont have any environments variables with AWS Key & Secrets.

pipeline {

agent any

stages {

stage('Git Checkout') {

steps {

git branch: 'devopsb16terraform', url: 'https://github.com/mavrick202/terraformsingleinstance.git'

}

}

stage('Checkout Prod') {

when {

expression { params.ENVIRONMENT == 'prod' }

}

steps {

sh "rm -rf .terraform"

echo 'Welcome To PROD Environment.'

sh "echo $params.ENVIRONMENT"

/\*sh "aws s3 ls --profile PROD"\*/

/\*sh "echo variable \\\"profile\\\" { default = \\\"$params.ENVIRONMENT\\\" } >> variables.tf"\*/

sh "echo profile = \\\"$params.ENVIRONMENT\\\" >> terraform.tfvars"

sh "terraform init"

sh "terraform plan"

/\*sh "terraform apply --auto-approve"\*/

}

}

stage('Checkout Dev') {

when {

expression { params.ENVIRONMENT == 'dev' }

}

steps {

sh "rm -rf .terraform"

echo 'Welcome To DEV Environment.'

/\*sh "aws s3 ls --profile DEV"\*/

sh "echo $params.ENVIRONMENT"

/\*sh "echo variable \\\"profile\\\" { default = \\\"$params.ENVIRONMENT\\\" } >> variables.tf"\*/

sh "echo profile = \\\"$params.ENVIRONMENT\\\" >> terraform.tfvars"

sh "terraform init"

sh "whoami"

sh "terraform plan"

sh "terraform apply --auto-approve"

}

}

stage('Checkout Test') {

when {

expression { params.ENVIRONMENT == 'TEST' }

}

steps {

echo 'Welcome To TEST Environment.'

}

}

}

}

This Is Testing