**Ansible – yaml- Apache 2**

---

- hosts: webservers

become: true

tasks:

- name: install apache2

apt: name=apache2 update\_cache=yes state=latest

- name: enabled mod\_rewrite

apache2\_module: name=rewrite state=present

notify:

- restart apache2

handlers:

- name: restart apache2

service: name=apache2 state=restarted

**Docker file**

FROM python:3 From node:6

ENV PYTHONUNBUFFERED 1 WORKDIR /app

RUN mkdir /code ADD. /app

WORKDIR /code Expose 80

COPY req.txt /code/ CMD [“node”,”app.js”]

RUN pip install -r req.txt

COPY . /code/

**Terraform script**

provider “aws” {

region = “us-east-1”

access\_key = “ASIAS5XLDUIL5EDTHQO3“

secret\_key = “Nj95b/ZJ6rnM9zXiKrtGzPGW3I2IW7NxoxwEIpyL“

token =

}

resource “aws\_instance” “ec2” {

ami = “”

instance\_type = “t2.micro”

}

**Kubernetes Script**

apiVersion: apps/v1

kind: Deployment

metadata:

  name: nginx-deployment

  labels:

    app: nginx

spec:

  replicas: 3

  selector:

    matchLabels:

      app: nginx

  template:

    metadata:

      labels:

        app: nginx

    spec:

      containers:

      - name: nginx

        image: nginx:1.14.2

        ports:

        - containerPort: 80

**Jenkins Script**

pipeline {

agent { docker { image 'python:3.10.7-alpine' } }

stages {

stage('build') {

steps {

sh 'python --version'

}

}

}

}

provider “aws” {

region = “us-east -1”

access key = “”

secret key = “”

token = “”

}

resource “aws\_instance” “ec2” {

ami = “”

instance\_type = “t2.micro”

}