**CICD HOSTING PETSHOP WEBSITE IN JENKINS :**

**PREQUISITES:**

We need 2 ec2 servers , 1 is for Jenkins & another one is for httpd server.

1. **Jenkins Prequisites:**

**Install git** (yum install git -y)

**Install java** (yum install java-11 -y)

**Install Jenkins Using Docker**

#!/bin/bash

sudo su -

yum update -y

yum install docker -y

systemctl start docker

systemctl enable docker

docker run -p 8080:8080 -p 50000:50000 jenkins/jenkins:lts

1. **HTTPD Server Prerequisites:**

Install httpd server ( yum install httpd -y)

Start httpd server ( service httpd start)

To check the status of httpd (service httpd status)

**Copy Jenkins Public IP & Access over the internet (54.159.148.99:8080)**

-Go to Jenkins Dashboard

-Manage Jenkins -Plugins-Available Plugins

Install

- Publish over ssh (Plugin)

Go to Manage Jenkins – System

-Publish Over SSH

-ssh servers

-Name = Httpd Server

-Host Name = 172.31.40.143 (Httpd Server Private IP)

-User Name = ec2-user

-Path =/var/www/html/

Click on advance

In key = paste private key pair of httpd server ( It is in local downloads section)

Click on Test Configuration It shows success message.

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Create one folder name = Project-Petshop move all petshop files to this folder

Push to git hub

Login to Httpd server using Mobaxterm

sudo su

cd /var/www/

chmod 777 hosts

ls

hosts file shows in green colour.

