Created an EC2 instance (Amazon Linux) image – edited in-bound rules to allow port 80 for Jenkins server.

User data script:

#!/bin/bash

sudo yum update -y

sudo yum install java-17

sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo

sudo rpm --import <https://pkg.jenkins.io/redhat-stable/jenkins.io.key>

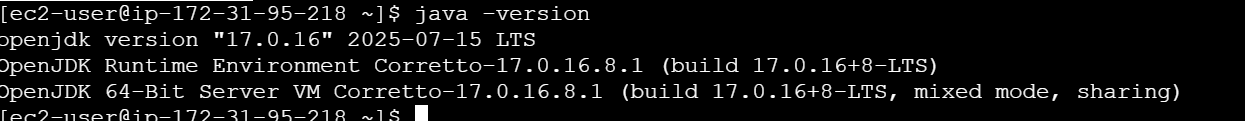
sudo yum install Jenkins -y

sudo systemctl start Jenkins

sudo yum install httpd -y

sudo systemctl start httpd

Installed java in ec2 instance



Installed Jenkins in ec2 instance

A screenshot of a computer

AI-generated content may be incorrect.

Downloaded Jenkins

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GitHub repo

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Configured webhook in GitHub

A screenshot of a webhook

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Jenkins build, pipeline is successful.

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Files are uploaded in the deployment directory on EC2 instance.

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A screenshot of a computer screen

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My instances details

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Webpage is exposed or deployed in EC2 instance using public ip

Login Page

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Welcome page

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