# add PPA repo

sudo add-apt-repository ppa:openjdk-r/ppa

# Install OpenJDK

sudo apt-get update

sudo apt-get install openjdk-8-jdk

# Switch to Java 8

sudo update-alternatives --config java

# Check Java installation

java -version

# Add PPA repo for Jenkins stable LTS

wget -q -O - https://pkg.jenkins.io/debian/jenkins.io.key | sudo apt-key add -

sudo sh -c "echo deb http://pkg.jenkins.io/debian-stable binary/ > /etc/apt/sources.list.d/jenkins.list"

sudo apt-get update

# Install Jenkins

sudo apt-get install jenkins

# Start Jenkins at boot time

sudo systemctl start jenkins.service

sudo systemctl enable jenkins.service

#Re-directing Port

sudo iptables -A PREROUTING -t nat -i eth0 -p tcp --dport 80 -j REDIRECT --to-port 8080  
sudo sh -c "iptables-save > /etc/iptables.rules"

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# Pull official Docker image for Jenkins LTS

docker pull jenkins/jenkins:lts

# Start Docker container

docker run -p 8080:8080 -p 50000:50000 -v jenkins\_home:/var/jenkins jenkins/jenkins:lts

# Start Docker container in detached mode

docker run -p 8080:8080 -p 50000:50000 -v jenkins\_home:/var/jenkins -d jenkins/jenkins:lts