Jenkins Setup

# Node Installation on Ubuntu

Install node on ubuntu via node source distribution, this helpful to install the latest version of node.

## Get latest version of node from source distribution

### Visit: <https://github.com/nodesource/distributions>

### Scroll to latest version of installation instruction ( If not latest, select specific version as per application )

#### <https://github.com/nodesource/distributions#installation-instructions>

## Install Node

### curl -fsSL https://deb.nodesource.com/setup\_18.x | sudo -E bash –

### sudo apt-get install -y nodejs

## Verify Node is installed

### node -v (this should show the version you have installed)

### npm -v (this should show the version you installed for npm)

# INSTALL PM2 (PROCESS MAMAGER)

### sudo npm install pm2@latest -g

# Install jenkins

## Reference Link for install

### <https://www.digitalocean.com/community/tutorials/how-to-install-jenkins-on-ubuntu-22-04>

## Install commands

### wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.key |sudo gpg --dearmor -o /usr/share/keyrings/jenkins.gpg

### sudo sh -c 'echo deb [signed-by=/usr/share/keyrings/jenkins.gpg] http://pkg.jenkins.io/debian-stable binary/ > /etc/apt/sources.list.d/jenkins.list'

### sudo apt update

### sudo apt install Jenkins

## Jenkins Service

### Start Service : sudo systemctl start jenkins.service

### Status : sudo systemctl status jenkins

# Manage jenkins

## Manage Plugins

### Install suggested plugins during initialization

### Install NodeJs in Jenkins user

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## User NPM for pipeline

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