Jenkins Installation

Installing Java on Ubuntu

If a root user : sudo apt install openjdk-11-jdk

If NOT A root user : apt install openjdk-11-jdk

Java –version : checking version of java

Adding Jenkins Repository :

```
wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.key | sudo apt-
key add -
sudo sh -c 'echo deb https://pkg.jenkins.io/debian-stable binary/ > \
   /etc/apt/sources.list.d/jenkins.list'
sudo apt update
sudo apt install jenkins
```

URL : https://www.jenkins.io/doc/book/installing/linux/#debianubuntu

Identify the IP address of the system in order to access Jenkins via web browser

192.168.85.184

Jenkiins →192.168.85.184:8080

Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log (**not sure where to find it?**) and this file on the server:

/var/lib/jenkins/secrets/initialAdminPassword

Please copy the password from either location and paste it below.

Administrator password

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For generating the password

Run the below command on command prompt

Cat /var/lib…

Once the above gets executed you will get the password in one long alphanumeric code.

http://54.89.159.27:8080/

Master Slave Architecture

Configure global security → agents →tcp →random

Manage Nodes

Remote root directory : /home/ubuntu/Jenkins

Custom workdir path : /home/ubuntu/Jenkins