# Docker Based Jenkins Setup

- Create directory docker-jenkins

- Contents of docker-compose.yml

```
1   version: '2.1'
2   services:
3     jenkins:
4       image: 'amrit96/jenkins:latest'
5       user: "${UID}:${GID}"
6       ports:
7         - '80:8080'
8         - '443:8443'
9         - '50000:50000'
10      volumes:
11      - './jenkins_data:/var/jenkins_home'
12      - /var/run/docker.sock:/var/run/docker.sock
13      - /usr/bin/docker:/usr/bin/docker
14      - /usr/lib/x86_64-linux-gnu/libltdl.so.7:/usr/lib/x86_64-linux-gnu/libltdl.so.7
```

# Docker Based Jenkins Setup

- Install docker-compose

  sudo apt install docker-compose

- Create docker-compose.yml and paste the content from resources file

- Run docker-compose using below cmd

  docker-compose up -d

- As we go further within few mins we will get the password from

# Docker Based Jenkins Setup

- Change ownership of mapped path jenkins_data

  chown -R jenkins:jenkins jenkins_data

- This is done to provide jenkins user access to the whole content/data directory of jenkins

- 50000 port is used for communication between Jenkins master and agent

# Jenkins initial password

## Getting Started

# 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/jenkins_home/secrets/initialAdminPassword`

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

**Administrator password**