**SETTING UP JENKINS PIPELINE TO DEPLOY DOCKER SWARM**

**Problem Statement:**

You have to develop an environment for Docker networking.

**Steps:**

* Create a Jenkins Container and add Github and Dockerhub credentials to it
* Login to Jenkins. First time when you login to Jenkins it will ask for a secret,
* Install the Jenkins swarm agent on all the docker nodes. With this agent installed these swarm nodes will be auto discovered on Jenkins master
* Create a new GitHub organization project on Jenkins master which will scan the Github a/c and download code and start executing the pipeline . This plugin will look for repo which has Jenkinsfile and clone that repo. we can also specify the repo name in the project configuration

**GitHub Link:**

[**https://github.com/PradeepaSaravanan/Java-Phase-Projects/tree/master/Phase5/Docker%20swarm**](https://github.com/PradeepaSaravanan/Java-Phase-Projects/tree/master/Phase5/Docker%20swarm)