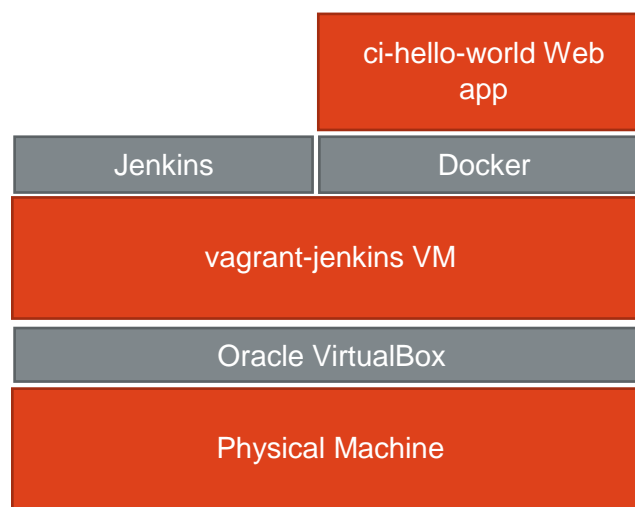


CI/CD CHALLENGE

STEP 1. PREPARATION

In this step we will be using Vagrant in order to install a virtual machine with Jenkins and Docker inside. The next figure shows the global architecture:

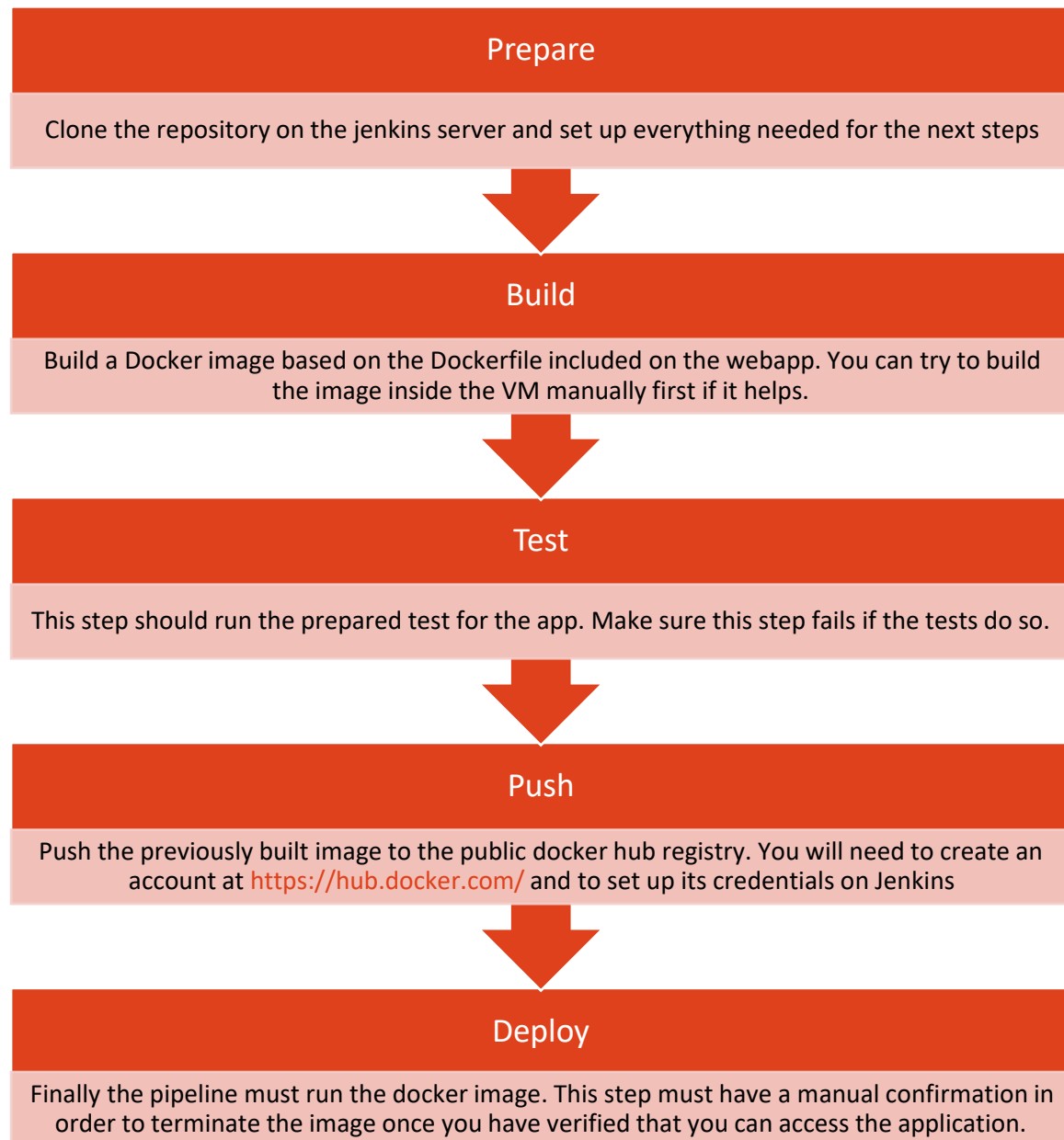


Follow the next steps:

- Install Oracle VirtualBox if you haven't already
- Install Vagrant following the [official documentation](#).
- Clone the git repository in <https://github.com/andresrrey/vagrant-jenkins> and follow the instructions in the readme file in order to deploy the machine. Keep in mind that the machine build could take several minutes.
- Access your Jenkins instance and follow the installation wizard.
- Fork the repository in <https://github.com/andresrrey/cichallenge> to have your own copy.
- Obtain the forked repository URL and clone it. This is the application that you will need to change for your pipeline

STEP 2. BUILDING YOUR CI PIPELINE

With your environment ready, you can now proceed to create the CI Pipeline. Do NOT use Jenkinsfile based solutions. Your solution should look like this:



EVALUATION

You will present the final result to Andrés Romero at the end of the challenge. The challenge must be presented on March 9th.

TIP: It's not enough if it works! You need to fully understand each line of the app and the configuration for the evaluation!