Configure Ubuntu –Docker image of CentOS

Docker is a container service which allows one to run applications or even operating systems on a host operating system as containers. Containers are a new and exciting technology that has evolved over the last couple of years and being adopted by a lot of key organizations. Docker is a company that develops these special containers for applications. The official website for Docker is <https://www.docker.com/>

**Step 1 −** The first step is to install the Docker application on Ubuntu server. Thus on the Ubuntu test server, run the following command to ensure that OS updates are in place.

**sudo apt-get update**

**Step 2** − Once all updates have been processed, issue the following command to get Docker **installed.**

**sudo apt-get install -y docker.io**

**Step 3** − Once the Docker packages are installed, we should receive an output message stating that the Docker process has started and is running. The Docker process is known as the Docker engine or Docker daemon.

**Step 4** − To view the version of Docker running, issue the Docker info command.

**Sudo docker info**

**Step 5** − The next step is to install our CentOS image on Ubuntu. Docker has a special site called the Docker hub, which is used to store pre-built images for Docker. The link to the site is <https://hub.docker.com/>

**Step 6** − Do a quick and simple sign-in process to be able to log into the site and see all the available Docker images.

**Step 7** − Once logged in, click the Explore button to see all the available Docker images

**Step 8** − On Ubuntu box, run the command.

**sudo docker pull centos:latest**

The download of the Docker component starts and the CentOS Docker is downloaded. The name of the Docker image is centos:latest, which means that we have the latest Docker image for CentOS.

**Step 9** − To see all the Docker images running, issue the command

**Docker ps**