**To change the proxy settings of docker-machine: (these steps allow us to access docker hub from mphasis network):**

Step1: $ docker-machine ssh default

Step2: $ sudo –s

Step3: $ vi /var/lib/boot2docker/profile

Step4: add the below two lines

export HTTPS\_PROXY=http://gtpproxy.mphasis.com:8080

export HTTP\_PROXY=http://gtpproxy.mphasis.com:8080

Step5: exit

Exit

Step6: $ docker-machine restart default

Step7: $ docker run hello-world

**To create private local respository:**

Step1: $ docker run -d -p 5000:5000 --restart=always --name myregistryContainer registry:2

**To push the image to the repository:**

Step1: $ docker tag c54a2cc56cbb localhost:5000/myhello:1.0

Step2: $ docker push localhost:5000/myhello:1.0

**To create new docker-machine:**

Step1: $docker-machine create --driver virtualbox --engine-insecure-registry 192.168.99.100:5000 testhost

Step2: docker-machine ssh testhost

**To pull the image to the repository:**

Step1: $ docker pull 192.168.99.100:5000/myhello:1.0