Appendix Section B
Setting up Docker Content Trust Sandbox

#Add an entry for the notaryserver to /etc/hosts:
$ sudo sh -c 'echo "127.0.0.1 notaryserver" >> /etc/hosts'

#Add an entry for the sandboxregistry to /etc/hosts
$ sudo sh -c 'echo "127.0.0.1 sandboxregistry" >> /etc/hosts'

#Make the notarysandbox/notarytest directory structure
$ mkdir notarysandbox && cd notarysandbox && mkdir notarytest

#Create a Dockerfile with the following content:

FROM debian:jessie

ADD https://master.dockerproject.org/linux/amd64/docker /usr/bin/docker
RUN chmod +x /usr/bin/docker \
    && apt-get update \
    && apt-get install -y \
    tree \
    vim \
    git \
    ca-certificates \
    --no-install-recommends

WORKDIR /root
RUN git clone -b trust-sandbox https://github.com/docker/notary.git
RUN cp /root/notary/fixtures/root-ca.crt /usr/local/share/ca-certificates/root-ca.crt
RUN update-ca-certificates

ENTRYPOINT ["bash"]

# Build the test container
$ docker build -t notarysandbox .

# Change to back to the root of your Notarysandbox directory
$ cd ../../notarysandbox

# Clone the Notary project
$ git clone -b trust-sandbox https://github.com/docker/notary.git

# Clone the distribution project.
$ git clone https://github.com/docker/distribution.git

# Change to the Notary project directory.
$ cd notary

# Build the server image and run service on the local box
# mkdir notary2
$ git clone https://github.com/docker/notary.git
$ cd notary
$ docker-compose up -d

# Setup a local version of the Docker Registry v2
# Change to the notarysandbox/distribution directory.
$ cd ../../../notarysandbox/distribution

# Build the sandboxregistry server
$ docker build -t sandboxregistry .

# Start the sandboxregistry server
$ docker run -p 5005:5005 --name sandboxregistry sandboxregistry &

# Start the notarysandbox and link it to the running notary_notaryserver_1 and sandboxregistry containers. The links allow communication among the containers.
$ docker run -it -v /var/UNL/docker.sock:/var/UNL/docker.sock --link notary_notaryserver_1:notaryserver --link sandboxregistry:sandboxregistry notarysandbox