

## Ch 9: Managing Docker containers in Linux

1. Start and login to your Kali Linux virtual machine as user kali with a password of **kali**.
2. Install/update the Docker engine in Linux by typing **sudo apt-get install docker.io**.
3. Type **sudo docker** to verify that the command is recognized.
4. Start the Docker service by typing **sudo service docker start**. Check the status by typing **sudo service docker status**; press **q** to quit.
5. To view application container images on the local host, type **sudo docker images**. You might see a default ubuntu container image listed.
6. To download a small Alpine Linux contain image from the public Docker Hub repository, type **sudo docker pull alpine**.
7. Verify that the container image exists local by typing **sudo docker images**. The alpine image appears in the list.
8. Run the Alpine Linux application container by typing **sudo docker run -it alpine**. -i means interactive, -t means provide a terminal. After a moment, the container is started and presents a new Linux command prompt (/#).
9. Type **ls**. You are viewing the file system within the Alpine Linux application container. Type **exit** to stop the Alpine Linux container from running.