**DOCKER**

**AND AZURE**

**INSTALL DOCKER CLIENT**

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- sudo apt-get install docker.io

- Docker --version

**AZURE-CLI DOCKER**

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// Docker create

azure vm docker create -e 22 -l 'West Europe' mydemoubuntu-docker "b39f27a8b8c64d52b05eac6a62ebad85\_\_Ubuntu-14\_04-LTS-amd64-server-20140618.1-en-us-30GB" rotem P@ssword123!

**CONNECT TO DOCKER ON AZURE**

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// setup envierment variable

- export DOCKER\_HOST="tcp://mydemoubuntu-docker.cloudapp.net:4243"

- docker --tls -H tcp://mydemoubuntu-docker.cloudapp.net:4243 info

- docker --tls info

**PUUL AND RUN DOCKER**

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// THIS IS A DEMO IMAGE

- docker --tls run busybox echo hello world

**IDENTIFY DOCKER**

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- docker --tls ps -a

**DO SOMETHING REAL : ) Not realy but like some :)**

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- docker --tls run -t -i ubuntu bash

- touch hello.txt

- ls -l

**START A DOCKER IMAGE**

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- docker --tls start jolly\_mclean

- docker --tls attach jolly\_mclean

- docker --tls stop jolly\_mclean

**DOCKERHUB**

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- docker login

- sudo docker pull centos

- sudo docker push yourname/newimage

**DOCKER USER GUID**

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* Persisted snapshot that can be run
  + *images:* List all local images
  + *run*: Create a container from an image and execute a command in it
  + *tag*: Tag an image
  + *pull*: Download image from repository
  + *rmi*: Delete a local image
    - This will also remove intermediate images if no longer used
* Runnable instance of an image
  + *ps:* List all running containers
  + *ps –a*: List all containers (incl. stopped)
  + *top*: Display processes of a container
  + *start*: Start a stopped container
  + *stop*: Stop a running container
  + *pause*: Pause all processes within a container
  + *rm*: Delete a container
  + *commit*: Create an image from a container

https://docs.docker.com/userguide/