

### Basic Docker Commands

<code>docker ps</code>	List of live containers
<code>docker ps -a</code>	List all containers
<code>docker info</code>	Retrieves docker configuration
<code>docker version</code>	Retrieves docker versioning
<code>docker build -t &lt;Image&gt;: &lt;Tag&gt; .</code>	Builds a docker Image from Dockerfile or container
<code>docker push &lt;Image_Name&gt;: &lt;Tag&gt;</code>	Pushes the image to the repo
<code>docker pull &lt;Image_Name&gt;: &lt;Tag&gt;</code>	Pulls the image from the repo

### Container Commands

<code>docker inspect &lt;Container&gt;</code>	Inspect a container
<code>docker stats &lt;Container&gt;</code>	Live data stream from container
<code>docker logs &lt;Container&gt;</code>	Retrieves the containers logs
<code>docker run &lt;Container&gt;</code>	Run container
<code>docker kill &lt;Container&gt;</code>	Kill a running container
<code>docker start &lt;Container&gt;</code>	Start container
<code>docker stop &lt;Container&gt;</code>	Stop a running container
<code>docker restart &lt;Container&gt;</code>	Restarts the container
<code>docker rm &lt;Container&gt;</code>	Remove container
<code>docker port &lt;Container&gt;</code>	Lists the port mapping of the container
<code>docker pause &lt;Container&gt;</code>	Suspends all the processes in the container
<code>docker unpause &lt;Container&gt;</code>	Un-suspends all the processes in the container

<Container> can be replaced with the containers **ID or NAME**

### Volume Commands

<code>docker volume ls</code>	List volumes
<code>docker volume inspect &lt;Volume&gt;</code>	Inspect volume
<code>docker volume create &lt;Volume&gt;</code>	Create volume
<code>docker volume rm &lt;Volume&gt;</code>	Removes a volume

<Volume> can be replaced with the volume **ID or NAME**

### Misc. Commands

<code>docker cp &lt;Container&gt;:&lt;source_path&gt; &lt;dest_path&gt;</code>	Copy from container to host
<code>docker cp &lt;source_path&gt; &lt;Container&gt;:&lt;dest_path&gt;</code>	Copy from host to container
<code>docker exec -ti &lt;Container&gt; &lt;Entrypoint&gt;</code>	Executes the terminal of a live container

### Options Keywords

<code>-p, --publish</code>	Host to container port mapping
<code>--publish-all</code>	Publish all ports
<code>--expose</code>	Expose container port
<code>-d, --detach</code>	Run in background
<code>-e, --env</code>	set env vars
<code>-v, --volume</code>	Mount files or directories
<code>-i, --interactive</code>	
<code>-t, --tty</code>	
<code>exec</code>	Run a new command in a container
<code>cp</code>	copy path

These options keywords can be add to most docker commands

### Image Commands

<code>docker images</code>	List images
<code>docker run &lt;Image&gt;</code>	runs the image
<code>docker create &lt;Image&gt;: &lt;Tag&gt;</code>	Create image
<code>docker rmi &lt;Image&gt;</code>	Remove image
<code>docker save &lt;Image&gt;</code>	Saves images to a tar archive

### Network Commands

<code>docker network ls</code>	List networks
<code>docker network inspect &lt;Network&gt;</code>	Inspect a network
<code>docker network create &lt;Network&gt;</code>	Create a network
<code>docker network rm &lt;Network&gt;</code>	Removes a network
<code>docker network connect &lt;Network&gt; &lt;Container&gt;</code>	Connect a container to the network
<code>docker network connect --ip &lt;IP&gt; &lt;Network&gt; &lt;Container&gt;</code>	Specify the ip address of container interface
<code>docker network disconnect &lt;Network_Name&gt; &lt;Container&gt;</code>	Disconnect container from network

<Network> can be replaced with the network **ID or NAME**