**7: Docker - Essential Commands Overview**

**Essential Commands**

--- **note** - The below are the list of essential commands we are in need.

--- **docker ps** - List all running containers

--- **docker ps -a** - List all containers stopped, running

--- **docker stop container-id** - Stop the container which is running

--- **docker start container-id** - Start the container which is stopped

--- **docker restart container-id** - Restart the container which is running

--- **docker port container-id** - List port mappings of a specific container

--- **docker rm container-id or name** - Remove the stopped container

--- **docker rm -f container-id or name** - Remove the running container forcefully

--- **docker pull image-info** - Pull the image from docker hub repository

--- **docker pull stacksimplify/springboot-helloworld-rest-api:2.0.0-RELEASE** - Pull the image from docker hub repository

--- **docker exec -it container-name /bin/sh** - Connect to linux container and execute commands in container

--- **docker rmi image-id** - Remove the docker image

--- **docker logout** - Logout from docker hub

--- **docker login -u username -p password** - Login to docker hub

--- **docker stats** - Display a live stream of container(s) resource usage statistics

--- **docker top continer-id or name** - Display the running processes of a container

--- **docker version** - Show the Docker version information