DOCKER CHEATSHEET

INSTALLATION & SYSTEM COMMANDS

To install a docker on RedHat

- **yum install docker -y**

Check the Docker version.

- **docker version**

Information about the docker installation.

- **docker info**

Start the Docker service.

- **systemctl start docker**

Check the status of Docker service.

- **systemctl status docker**

IMAGE COMMANDS

List all the available docker images.

- **docker images**

Pull an image from DockerHub.

- **docker pull <image_name>**

CONTAINER COMMANDS

List all running containers.

- **docker ps / docker container ls**

List all the running and stopped containers.

- **docker ps -a / docker container ls -a**

Create and run a container.

- **docker run -it --name <container_name> <image_name>**
- **it -> interactive terminal, it will creates a shell inside the container, which is used to perform commands.**

Start a stopped container.

- **docker start <container_name | container_id>**

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Start a stopped container

- **docker start <container_name | container_id>**

Stop a running container

- **docker stop <container_name | container_id>**

To attach with a container

- **docker attach <container_name|container_id>**

If you're inside the container and want to exit.

- **exit**

Return from a running container without stopping it.

- **Ctrl+P+Q**

List containers that have exited.

- **docker ps -f "status=exited"**

Remove a stopped container.

- **docker rm <container_id>**

Stops the specified containers.

- **docker stop <cont-1> <cont-2> <cont-3>**

Stops all running containers.

- **docker stop $(docker ps)**

Starts the specified containers.

- **docker start <cont-1> <cont-2> <cont-3>**

Starts all stopped or exited containers.

- **docker start $(docker ps -a)**

Renames the container

- **docker rename <old_cont_name> <new_cont_name>**

Forcefully stops the specified container.

- **docker kill <cont_name>**

Lists the last 2 created containers.

- **docker ps -n 2**

Lists the last 2 created containers, including stopped ones

- **docker container ls -a -n 2**

Shows the latest created container.

- **docker container ls --latest**

Removes all containers, including stopped ones.

- **docker container rm $(docker container ls -a)**