## install Docker CE

Before you install Docker CE for the first time on a new host machine, you need to set up the Docker repository. Afterward, you can install and update Docker from the repository.

SET UP THE REPOSITORY

Install required packages. yum-utils provides the yum-config-manager utility, and device-mapper-persistent-data and lvm2 are required by the devicemapper storage driver.

sudo yum install -y yum-utils

**Use the following command to set up the stable repository.**

sudo yum-config-manager --add-repo https://download.docker.com/linux/centos/docker-ce.repo

**Install the latest version of Docker CE, or go to the next step to install a specific version:**

sudo yum install docker-ce

**Start Docker.**

sudo systemctl start docker

**Status check**

sudo systemctl status docker

## Uninstall Docker CE

1. Uninstall the Docker package:
2. $ sudo yum remove docker-ce
3. Images, containers, volumes, or customized configuration files on your host are not automatically removed. To delete all images, containers, and volumes:
4. $ sudo rm -rf /var/lib/docker

You must delete any edited configuration files manually.

**CREATE NEW IMAGE FROM THE CONTAINER**

]$ docker commit -m "What did you do to the image" -a "Author Name" container-id repository/new\_image\_name

**7.** To quit and return to host from the running container session you must type **exit** command. The **exit**command terminates all the container processes and stops it.

# exit

If you’re interactively logged on container terminal prompt and you need to keep the container in running state but **exit** from the interactive session, you can quit the console and return to host terminal by pressing **Ctrl+p** and **Ctrl+q** keys.

**.** To reconnect to the running container you need the container **ID** or **name**. Issue **docker ps** command to get the **ID** or **name** and, then, run **docker attach** command by specifying container **ID** or **name**, as illustrated in the image above:

# docker attach <container id>