**How to Install Docker on CentOS 8.1**

Since Docker is not available on CentOS 8, we need to add an external repository to obtain the software. In this case we will use the official Docker CE CentOS repository: this is, at the moment of writing, the only way to install Docker CE on CentOS 8.

* Docker Package are not available on CentOS package Repositories, run the dnf command to enable docker CE package repository

$ sudo dnf config-manager –add-repo=https://download.docker.com/linux/centos/dockerce.repo

We can verify that the repository has been enabled, by looking at the output of the following command:

$ sudo dnf repolist –v

The command above will return detailed information about all the enabled repositories. This is what you should see at this point:

* The docker-ce-stable repository is now enabled on our system. The repository contains several versions of the docker-ce package, to display all of them, we can run

$ dnf list docker-ce --showduplicates | sort –r

* Run DNF command to install latest version of docker

$ dnf install docker-ce --nobest -y

* Once the installation is completed start and enable service

$ systemctl start docker

$ systemctl enable docker

* Verfiy and test docker CE engine

$ docker run Hello-World

**Downloading Docker Compose**

Downloading docker compose from GitHub

$ sudo curl –L"https://github.com/docker/compose/releases/download/1.23.2/docker-compose-$(uname -s)-$(uname -m)" -o /bin/docker-compose

$ sudo chmod +x /bin/docker-compose