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################### **DOCKER INSTALLATION** ################

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**we need to add an external repository to obtain the software:**

dnf config-manager --add-repo=https://download.docker.com/linux/centos/docker-ce.repo

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

dnf repolist -v

### **Installing docker-ce**

dnf install docker-ce-3:18.09.1-3.el7

systemctl start docker 🡪 To start docker

systemctl enable docker 🡪 To enable docker

systemctl status docker 🡪 To check status of docker

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## ############# JFROG ARTIFACTORY USING DOCKER ############

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#### **Download JFrog Artifactory Docker image**

Pull the latest Docker image of JFrog Artifactory:

docker pull docker.bintray.io/jfrog/artifactory-oss:latest

Confirm Docker images:

docker images

#### **Create Data Directory:**

mkdir -p /jfrog/artifactory

chown -R 1030 /jfrog/

#### **Start JFrog Artifactory container**

To start an Artifactory container, use the command:

docker run --name artifactory -d -p 8081:8081 \

-v /jfrog/artifactory:/var/opt/jfrog/artifactory \

docker.bintray.io/jfrog/artifactory-oss:latest

#### **Running JFrog Artifactory container with Systemd**

Create Artifactory service unit file:

vi /etc/systemd/system/artifactory.service

[Unit]

Description=Setup Systemd script for Artifactory Container

After=network.target

[Service]

Restart=always

ExecStartPre=-/usr/bin/docker kill artifactory

ExecStartPre=-/usr/bin/docker rm artifactory

ExecStart=/usr/bin/docker run --name artifactory -p 8081:8081 \

-v /jfrog/artifactory:/var/opt/jfrog/artifactory \

[docker.bintray.io/jfrog/artifactory-oss:latest](http://docker.bintray.io/jfrog/artifactory-oss:latest)

ExecStop=-/usr/bin/docker kill artifactory

ExecStop=-/usr/bin/docker rm artifactory

[Install]

WantedBy=multi-user.target

systemctl daemon-reload 🡪 Reload systemd

systemctl start artifactory 🡪 start Artifactory container with systemd

systemctl enable artifactory 🡪 Enable it to start at system boot

systemctl status artifactory 🡪 Status can be checked