

# **GENESYS**

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# GDL Deployment Guide

**Docker Ready Environment** 

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#### **Docker Setup Instructions**

### Install Docker for CentOS

- 1. Follow the instructions for installing Docker in CentOS as given here.
- 2. Login as super user in CentOS using sudo su command.
- 3. Type the following command to install required packages.

```
    sudo yum install -y yum-utils \
device-mapper-persistent-data \
lvm2
```

- 4. Type the following command to download the Docker setup file.
  - 1. sudo yum-config-manager \
     --add-repo \
     https://download.docker.com/linux/centos/docker-ce.repo
- 5. Type the following command to install the Docker software.
  - 1. sudo yum install docker-ce
- 6. Type the following commands to enable Docker softare.
  - 1. sudo su (Enable as a super user)
  - 2. systemctl enable docker
- 7. Type the following command to start the Docker software after successful installation.
  - 1. sudo systemctl start docker

## Install Docker Compose

Docker Compose enables a quick way of installing pre-configured Kakfa layers, and follow the commands to install Docker compose.

- 1. Install Docker Compose by typing the following command
  - sudo curl -L https://github.com/docker/compose/releases/download/1.22.0/docker-compose-\$(uname -s)-\$(uname -m) -o /usr/local/bin/docker-compose
- 2. Execute these commands in root directory. (Access root directory using command cd /)
  - sudo chmod +x /usr/local/bin/docker-compose
  - 2. Execute the following command under /usr/bin of root folder sudo ln -s /usr/local/bin/docker-compose docker-compose

