



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

# GDL Deployment Guide

Deploy Kafka Clusters

11/4/2024

---

## Contents

- [1 Execute Docker Compose Files](#)

---

Deployment of GDL clusters in Docker environment.

## Execute Docker Compose Files

Change the directory of command prompt to `Shared` folder in CentOS/7. The **Shared** folder can access the files from host machine where the IP packages were unzipped.

1. Display the list of files in Shared folder by using `ls` command. The folder displays four files as follows.
  1. `docker-compose-cluster-full.yml`
  2. `docker-compose-single.yml`
  3. `docker-compose-cluster-half.yml`
  4. `IP_GDL_900_ENU_DockerLinux.tar`
2. Execute the following command to run the Docker image.
  1. `docker image load -i IP_GDL_900_ENU_DockerLinux.tar`
3. Execute the following command to bring up the GDL clusters.
  1. `sudo docker-compose -f(docker compose file name) up`
4. To enable full cluster GDL (3 Zookeepers and 3 Kafka clusters and 1 Management API), type the following command.
  1. `sudo docker-compose -f docker-compose-cluster-full.yml up`

Wait till the log message appears as **started application in nn.nnn seconds (JVM Running for nn.nnn)**