GDL Deployment Guide

Deploy Kafka Clusters

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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)**