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# GDL Deployment Guide

Installing Genesys Data Layer

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Installation steps from Installation Package (IP) files.

## Before you begin

Before you complete the steps on this page, prepare the environment as described in [Preparing to Install Genesys Data Layer](#)

In addition:

## Acquire the Genesys Data Layer Installation package

### Warning

The Genesys Data Layer Installation Package comprises several files, some of which are too large to be downloaded using Genesys Download Center. Contact Customer Care for assistance.

Ensure that you have the latest GDL Packages (IP); talk to your Genesys representative for information about where to download the IP.

IP/File	tar files
<p>Docker container (Docker Linux platform)</p> <p><b>IP_GDL_900_ENU_DockerLinux.zip.</b> Contains <b>IP_GDL_900_ENU_DockerLinux.tar</b> file and 3 .yaml files such as</p> <ul style="list-style-type: none"><li>• docker-compose-cluster-full.yaml</li><li>• docker-compose-cluster-half.yaml</li><li>• docker-compose-single.yaml</li></ul>	<p><b>IP_GDL_900_ENU_DockerLinux.tar</b>— contains the GDL Docker image,</p> <p>which contains the zookeepers and kafka clusters. This image is used for lab version deployments.</p>

## Deploying the containers

Use the steps in this section to deploy the Docker containers. Note that Genesys does not ship

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Docker as a part of Genesys Data Layer. You must install Docker in your environment before you can load the Genesys Data Layer containers; see Preparing to Install Genesys Data Layer. Install Docker according to the instructions on the Docker Ready Environment. A Docker deployment provides a complete self-contained environment, so that you do not need to manually configure ports or address compatibility issues. Genesys Data Layer docker images (lab version) is available through IP files.

## Procedure: Unzip files from IP

**Purpose:** Use the steps in this procedure to prepare the Docker containers.

### Steps

Complete the following steps on the host machine, except where noted otherwise:

1. Create a folder named dockerlinux in C: drive.
2. Copy the docker container image file from the IPs (IP\_GDL\_900\_ENU\_DockerLinux.zip) and unzip the contents of file at C:\dockerlinux folder.
3. Prepare for Operating System
4. Docker Ready Environment
5. Deploy Kafka Clusters