Basic Deploy the docker Hadoop cluster

Graphical user interface, application

Description automatically generated

Download the Hadoop docker compose file.

A screenshot of a computer

Description automatically generated

Extract the file to your computer.

Graphical user interface, text, chat or text message

Description automatically generated

The file had been successfully extracted

Text

Description automatically generated

Go to the docker-hadoop-master.

Then type the command “docker-compose up -d” to deploy Hadoop.

Text

Description automatically generated

Wait for pulling, then has been successfully deployed.

A computer screen capture

Description automatically generated with medium confidence

Type command “docker ps”.

It includes resourcemanage, datanode, namenode, historyserver, nodemanager.

A screenshot of a computer

Description automatically generated

You can go to <https://localhost:9870/> to check namenode state.