

## Learning Objectives

In this chapter you will learn about the following:

- The Hadoop Distributed File System (HDFS) and its components: NameNode, DataNode, and Clients
- Yet Another Resource Negotiator (YARN) and its components: ResourceManager, NodeManager, and ApplicationManager
- Additional YARN and HDFS features: High Availability, resource request model, schedulers
- Topology of Hadoop clusters.

