

Module 8: Project - Hadoop Implementation

Further Reading

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Further Reading

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There are many valuable references within each of the *Hadoop Administration*. Below is a selection of readings and references which will help to shape the approach taken in developing this resource. Some of these are available on PDF or are linked to websites.

1. CDH4 Installation Guide

<http://www.cloudera.com/content/cloudera-content/cloudera-docs/CDH4/4.2.0/CDH4-Installation-Guide/CDH4-Installation-Guide.html>

Description: This CDH4 Installation Guide is for Apache Hadoop developers and system administrators interested in Hadoop installation. The following sections describe how to install and configure version 4 of Cloudera's Distribution Including Apache Hadoop (CDH4) as a Yum, Apt, or zypper/YaST repository. It also describes how to deploy in standalone mode, pseudo-distributed mode, and on a cluster.

2. Benchmarking and Stress Testing an Hadoop Cluster With TeraSort, TestDFSIO & Co.

<http://www.michael-noll.com/blog/2011/04/09/benchmarking-and-stress-testing-an-hadoop-cluster-with-terasort-testdfsio-nnbench-mrbench/>

Description: This article introduce some of the benchmarking and testing tools that are included in the Apache Hadoop distribution. This article covers popular benchmarks TestDFSIO, TeraSort, NNbench and MRBench.

3. Hadoop Introduction, Installation and Administration

<https://docs.google.com/file/d/0Bx6N95pJhrRObIJiaEJ0dHpwVmc/edit>

Description: This link gives brief introduction of Hadoop and steps to install Cloudera Manager.