

Hadoop Admin Training Outline

- Big Data Overview
- Introduction In Hadoop and Hadoop Related Eco System.
- Choosing Hardware For Hadoop Cluster nodes
- Apache Hadoop Installation
 - o Standalone Mode
 - o Pseudo Distributed Mode
 - o Fully Distributed Mode
- Installing Hadoop Eco System and Integrate With Hadoop
 - o Zookeeper Installation
 - o Hbase Installation
 - o Hive Installation
 - o Pig Installation
 - o Sqoop Installation
 - o Installing Mahout
- Horton Works Installation
- Cloudera Installation
- Hadoop Commands usage
- Import the data in HDFS
- Sample Hadoop Examples (Word count program and Population problem)
- Monitoring The Hadoop Cluster
 - o Monitoring Hadoop Cluster with Ganglia
 - o Monitoring Hadoop Cluster with Nagios
 - o Monitoring Hadoop Cluster with JMX
- Hadoop Configuration management Tool
- Hadoop Benchmarking