



3S BUSINESS CORPORATION
3S BUSINESS CORPORATION

HADOOP ADMIN TRAINING

Presented By

3S Business Corporation Inc

www.3sbc.com

Call us at : 281-823-9222

Mail us at : info@3sbc.com



Table of Contents

| S.No | TOPICS |
|------|-------------------------------------------------------------|
| 1 | Big Data Introduction & Introduction To Hadoop |
| 2 | Hadoop Installation |
| 3 | Hadoop commands & cluster Understanding |
| 4 | Introduction , Installation & use case of Hadoop Eco system |
| 5 | Other Hadoop components and Tools |
| 6 | Backup And Recovery |
| 7 | Scheduling and Troubleshooting |
| 8 | Real-Time Issues |

HADOOP ADMIN TRAINING

1. Big Data Introduction & Introduction to Hadoop (2 Days)

- What is BigData?
- What is Hadoop?
- Why Hadoop?
- History of Hadoop
- Distributions of Hadoop
- Versions of Hadoop
- Hadoop ecosystem
- HDFS
- MapReduce
- Companies follow Hadoop

2. Hadoop Installation (2 Days)

- Cloudera Hadoop installation & Configuration (Pseudo Node)
- Cloudera Hadoop installation & Configuration (Multi Node)
- Horton Works Hadoop installation & Configuration
- Issues & Troubleshooting

3. Hadoop commands & cluster Understanding (1 Day)

- Hadoop Commands
- 5 Daemons
- Hadoop Cluster Benchmarking
- Commissioning & De-Commissioning
- RackAwareness

4. Introduction, Installation & use case of Hadoop Eco system (3 Days)

- Pig
- Hive and Metastore Configuration
- Sqoop
- Oozie
- Flume
- Impala
- Hbase

5. Other Hadoop components and Tools (3 Days)

- HCatalog
- Cloudera-Manager and Monitoring Agents
- Ganglia(Monitoring)
- Jasper soft(reporting)
- Horton works
- AWS

6. Backup and Recovery (2 Days)

- High Availability
- Hdfs Federation
- Scripting
- Recovery From Failure of a Name node or Data node

7. Scheduling and Troubleshooting (1 Day)

- Configuring Schedulers
- Configuring reducers
- Performance attributes
- Log Analysis

8. Real-Time Issues (1 Day)