IT Certification Guru PVT.LTD

Hadoop Administration Training

1)Hadoop Administration:

-Introduction to Big Data and Hadoop

-Types Of Data

-Characteristics Of Big Data

-Hadoop And Traditional Rdbms

-Hadoop Core Services

2)Hadoop single node Cluster Setup for 1X series :

-Hadoop single node cluster(HADOOP-1.2.1)

-Tools installation for hadoop1x.

-Sqoop,Hive,Pig,Hbase,Zookeeper.

-Analyze the cluster using

    a)NameNode UI

    b)JobTracker UI

-SettingUp Replication Factor

3)Hadoop Distributed File System:

-Introduction to Hadoop Distributed File System

-Goals of HDFS

-HDFS Architecture

-Design of HDFS

-Hadoop Storage Mechanism

-Measures of Capacity Execution

-HDFS Commands

4)The MapReduce Framework:

-Understanding MapReduce

-The Map and Reduce Phase

-WordCount in MapReduce

-Running MapReduce Job

5)Hadoop single node Cluster Setup :

-Hadoop single node cluster(HADOOP-2.7.3)

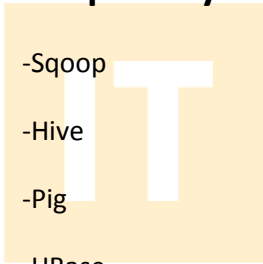-Tools installation for hadoop2x

-Sqoop,Hive,Pig,Hbase,Zookeeper.

6)YARN

-Introduction to YARN

-Need for YARN

-YARN Architecture

-YARN Installation and Configuration

7)Hadoop Multinode cluster setup:

-hadoop multinode cluster

-Checking HDFS Status

-Breaking the cluster

-Copying Data Between Clusters

-Adding and Removing Cluster Nodes

-Name Node Metadata Backup

-Cluster Upgrading

7) Hadoop ecosystem:

-Sqoop

-Hive

-Pig

-HBase

-zookeeper