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## **2-Days Hadoop Administrator Training Outline**

### **Part 1 – Introduction to Hadoop**

- Understand Apache Hadoop, HDFS, Hadoop Cluster and Hadoop Administration
- Insights on Hadoop 2.0, Namenode High Availability, HDFS Federation, YARN, MapReduce v2

### **Part 2 – Hadoop Installation and Deployment**

- Install VMware on workstation
- Configure vm
- Install Centos on vm
- Install Cloudera Hadoop
- Hadoop Practicals
- Load data and run an application

### **Part 3 – Cloudera Hadoop Administration**

- Configuration and Performance Tuning
- Manage, Maintain, Monitor and Troubleshoot a Hadoop Cluster

### **Hadoop Practicals:**

#### **Setting up a 3-nodes Hadoop cluster**

- Node 1 - Namenode, datanode, tasktracker
- Node 2 & 3 - Jobtracker, datanode, tasktracker