

Profession 8 years experienced trainer will take training
 Real time training with Live project
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HADOOP TRAINING

HADOOP TRAINING ONLINE AND CLASSROOM

Hadoop training course is designed to provide knowledge and skills to become a successful Hadoop Developer. In-depth knowledge of concepts such as Hadoop Distributed File System, Hadoop Cluster- Single and multi node, Hadoop 2.0, Flume, Sqoop, Map-Reduce, PIG, Hive, Hbase, Zookeeper, Oozie etc. will be covered in the course.

HADOOP COURSE MODULES

INTRODUCTION

- ✓ What Is Hadoop?
- ✓ Who Is Behind Hadoop?
- ✓ History Of Hadoop
- ✓ What Hadoop Is Good For And Why It Is Good
- ✓ Building Blocks - Hadoop Eco-System

HDFS

- ✓ Configuring HDFS
- ✓ Additional HDFS Tasks
- ✓ Hadoop File System Shell
- ✓ Interacting With HDFS
- ✓ HDFS Overview And Architecture
- ✓ File System Java API
- ✓ HDFS Permissions And Security
- ✓ HDFS Installation

MAPREDUCE

- ✓ Map/Reduce Overview And Architecture
- ✓ Input And Output Formats
- ✓ Practicing Map Reduce Programs (Atleast 10 Map Reduce Algorithms)
- ✓ Installation
- ✓ Job Configuration
- ✓ Developing Map/Red Jobs
- ✓ Job Submission

GETTING STARTED WITH ECLIPSE IDE

- ✓ Configuring Hadoop API On Eclipse IDE
- ✓ Connecting Eclipse IDE To HDFS

ADVANCED MAPREDUCE FEATURES

- ✓ Custom Data Types
- ✓ Partitioning Data
- ✓ Input Formats
- ✓ Reporting Custom Metrics
- ✓ Output Formats
- ✓ Distributing Auxiliary Job Data

PIG

- ✓ Pig Overview
- ✓ Pig With HDFS
- ✓ Installation
- ✓ Pig Latin

HIVE

- ✓ Hive Overview
- ✓ Hive Unstructured Data Analyzation
- ✓ Installation
- ✓ Hive Semistructured Data Analyzation
- ✓ Hive QL

HBASE

- ✓ HBase Overview And Architecture
- ✓ CRUD Operations
- ✓ HBase Key Design
- ✓ HBase Installation
- ✓ Scanning And Batching
- ✓ HBase Shell
- ✓ Filters

ZOOKEEPER

- ✓ Zoo Keeper Overview
- ✓ Installation
- ✓ Server Mantainace

SQOOP

- ✓ Sqoop Overview
- ✓ Installation
- ✓ Imports And Exports

CONFIGURATION

- ✓ Basic Setup
- ✓ Cluster Configurations
- ✓ Large Clusters: Multiple Racks
- ✓ Important Directories
- ✓ Small Clusters: 2-10 Nodes
- ✓ Medium Clusters: 10-40 Nodes

PUTTING IT ALL TOGETHER

- ✓ Distributed Installations
- ✓ Best Practices