Mindluster Platform

About the course Hadoop Administration

What is the difference between Hadoop developer and administrator? A developer can take over the job of a Hadoop administrator whereas an admin can't play the role of a developer unless he has adequate programming knowledge. However, with the huge and complex production environment, now companies need dedicated Hadoop administrators.DBA Responsibilities Performed by a Hadoop Administrator: Data modelling, design & implementation based on recognized standards. Software installation and configuration. Database backup and recovery. Database connectivity and security. Performance monitoring and tuning.Does Hadoop require coding? Although Hadoop is a Java-encoded open-source software framework for distributed storage and processing of large amounts of data, Hadoop does not require much coding. ... All you have to do is enroll in a Hadoop certification course and learn Pig and Hive, both of which require only the basic understanding of SQL Disk space management.

Computer Science Category's Courses

Course Lesson(43)

Lesson 1 : **Introduction to Hadoop Administration**

Lesson 2 : **What is Hadoop**

Lesson 3 : **Different Hadoop Vendors**

Lesson 4 : **Hadoop Architecture**

Lesson 5 : **Hadoop Ecosystem**

Lesson 6 : **Hadoop Cluster Architecture**

Lesson 7 : **Introduction to System Setup**

Lesson 8 : **Installing Virtual Box and Setup Machine**

Lesson 9 : **Installing Linux Environment**

Lesson 10 : **Installing JDK and JRE for Hadoop**

Lesson 11 : **Installing Hadoop for Single Node Cluster**

Lesson 12 : **Installing Hadoop on Pseudo Distributed Mode**

Lesson 13 : **Final Steps for Hadoop Installation**

Lesson 14 : **Installation of Eclipse IDE**

Lesson 15 : **Introduction to MapReduce**

Lesson 16 : **What is MapReduce**

Lesson 17 : **Mapper in MapReduce**

Lesson 18 : **Reducer in MapReduce**

Lesson 19 : **Data Flow in MapReduce Framework**

Lesson 20 : **Partitioner in MapReduce**

Lesson 21 : **Combiner in MapReduce**

Lesson 22 : **Shuffle Sorting of MapReduce Task**

Lesson 23 : **Job Scheduling in MapReduce**

Lesson 24 : **Basics of MapReduce Algorithm**

Lesson 25 : **Example of MapReduce Program**

Lesson 26 : **YARN Architecture**

Lesson 27 : **YARN Components**

Lesson 28 : **Job Running in YARN**

Lesson 29 : **Failure Cases in YARN**

Lesson 30 : **Introduction to Hadoop Backup Recovery Maintenance**

Lesson 31 : **Possible Problems in Hadoop Hardware**

Lesson 32 : **Data Backup Backup Options**

Lesson 33 : **Backup of Metadata**

Lesson 34 : **DataNodes Recovery**

Lesson 35 : **Introduction to Hadoop Versions Features**

Lesson 36 : **Features of Hadoop 2 x**

Lesson 37 : **Differences between Hadoop 1 x 2 x**

Lesson 38 : **Differences between Hadoop 2 x 3 x**

Lesson 39 : **New Hadoop Cluster Architecture**

Lesson 40 : **Tutorix Simply Easy Learning Steps**

Lesson 41 : **Tutorix Brings Simply Easy Learning**

Lesson 42 : **Tutorix Brings Simply Easy Learning**

Lesson 43 : **Tutorix Brings Simply Easy Learning**

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