



Introduction

About Cloudera

- Cloudera is “The commercial Hadoop company”
- Founded by leading experts on Hadoop from Facebook, Google, Oracle and Yahoo
- Provides consulting and training services for Hadoop users
- Staff includes several committers to Hadoop projects



Cloudera delivers an enterprise-grade data platform built on Apache Hadoop. We offer products, professional services, technical support and training that enable users to lower their data-processing costs and get more value from the information they collect and generate. Cloudera employs several committers and contributors to Hadoop and related projects.

Cloudera Products

- Cloudera's Distribution of Hadoop (CDH)
 - A single, easy-to-install package from the Apache Hadoop core repository
 - Includes a stable version of Hadoop, plus critical bug fixes and solid new features from the development version
- Hue
 - Browser-based tool for cluster administration and job development
 - Supports managing internal clusters as well as those running on public clouds
 - Helps decrease development time



Cloudera's Distribution for Hadoop (CDH) is based on the most recent stable version of Apache Hadoop. It includes some useful patches backported from future releases, as well as improvements we have developed for our support customers. It also includes convenient packages and scripts.

Cloudera Hue is a graphical user interface for the many tools required to operate and develop for Hadoop. These tools are collected into a desktop environment and delivered as a Web application that simplifies cluster administration and job development. With Cloudera Hue, the world-class performance and scalability of Apache Hadoop is now accessible to anyone in your organization. There is also an API available for developing custom applications in Hue.

Cloudera Services

- **Provides consultancy services to many key users of Hadoop**
 - Including Netflix, Samsung, Trulia, ComScore, LinkedIn, University of Phoenix...
- **Solutions Architects are experts in Hadoop and related technologies**
 - Several are committers to the Apache Hadoop project
- **Provides training in key areas of Hadoop administration and Development**
 - Courses include Hadoop for System Administrators, Hadoop for Developers, Learning Hive, Learning HBase
 - Custom course development available
 - Both public and on-site training available



Cloudera's services include a team of Solutions Architects who work with our customers on a wide range of business and technical problems. We provide guidance and hands-on help on a number of topics, including:

- Best practices for setting up and configuring a cluster suitable to run Cloudera's Distribution for Hadoop
- Comprehensive design review
- Operational guidance
- Hands-on help
- Performance audits

In addition to consulting services, Cloudera offers training on various Hadoop topics such as Development and Administration. Custom courses can be designed to meet your needs. Cloudera offers public as well as on-site training.

Cloudera Enterprise

- Cloudera Enterprise
 - Complete package of software and support
 - Built on top of CDH
 - Includes tools for monitoring the Hadoop cluster
 - Resource consumption tracking
 - Quota management
 - Etc
 - Includes management tools
 - Authorization management and provisioning
 - Integration with LDAP
 - Etc
 - 24 x 7 support



Cloudera Enterprise is built on top of CDH and offers two key components:

- Management tools for authorization management and provisioning, integration configuration and monitoring and resource management and simplify the operation of Hadoop clusters as they grow and mature.
- Production support staffed by experienced Hadoop experts and the Cloudera engineering team.

Introductions

- About your instructor
- About you
 - Experience with Hadoop?
 - How will you be using Hadoop?
 - What is your background?