Cloudera Training for Apache HBase
GK3904

Delivery Type: Classroom
Duration: 2 days

Overview

Learn to deploy and manage Apache HBase in your Hadoop environment.

HBase is an open-source, non-relational, distributed database that provides a fault-tolerant, scalable way to store massive quantities of data. In this course, Hadoop developers and administrators will gain the skills needed to install and maintain HBase and develop client code.

Pre-Requisites

- ✓ Familiarity with Hadoop's architecture and APIs
- ✓ Experience writing basic applications
- ✓ Prior programming experience, preferably Java
- ✓ Experience with databases and data modeling is helpful, but it is not required

Objectives

- ✓ HBase architecture
- ✓ Use the HBase shell to directly manipulate HBase tables
- ✓ Design optimal HBase schemas for efficient data storage and recovery
- ✓ Connect to HBase using the Java API
- ✓ Bulk-load data into HBase using MapReduce
- ✓ Administer a HBase cluster
- ✓ Resolve performance bottlenecks

Target Audience

This course is suitable for Developers familiar with Apache Hadoop.

Follow on Courses

There are no follow-ons for this course.