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Titolo	Practical Hadoop Ecosystem [[electronic resource] ] : A Definitive Guide to Hadoop-Related Frameworks and Tools // by Deepak Vohra
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2016
ISBN	1-4842-2199-0
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Descrizione fisica	1 online resource (XX, 421 p. 311 illus., 293 illus. in color.)
Disciplina	004.36
Soggetti	Big data Database management Big Data Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part I. Fundamentals -- Introduction -- 1. HDFS and MapReduce -- Part II Storing & Querying -- 2. Apache Hive -- 3. Apache HBase -- Part III Bulk Transferring & Streaming -- 4. Apache Sqoop -- 5. Apache Flume -- Part IV Serializing -- 6. Apache Avro -- 7. Apache Parquet -- Part V Messaging & Indexing -- 8. Apache Kafka -- 9. Apache Solr -- 10. Apache Mahout.
Sommario/riassunto	This book is a practical guide on using the Apache Hadoop projects including MapReduce, HDFS, Apache Hive, Apache HBase, Apache Kafka, Apache Mahout and Apache Solr. From setting up the environment to running sample applications each chapter is a practical tutorial on using a Apache Hadoop ecosystem project. While several books on Apache Hadoop are available, most are based on the main projects MapReduce and HDFS and none discusses the other Apache Hadoop ecosystem projects and how these all work together as a cohesive big data development platform. What you'll learn How to set up environment in Linux for Hadoop projects using Cloudera Hadoop Distribution CDH 5. How to run a MapReduce job How to store data with Apache Hive, Apache HBase How to index data in HDFS with Apache Solr How to develop a Kafka messaging system How to develop a Mahout User Recommender System How to stream Logs to HDFS with

Apache Flume How to transfer data from MySQL database to Hive, HDFS  
and HBase with Sqoop How create a Hive table over Apache Solr.

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