



## Learning Cassandra for Administrators

By Vijay Parthasarathy

Packt Publishing. Paperback. Condition: New. 120 pages. Dimensions: 9.3in. x 7.5in. x 0.5in. Understand the immense capabilities of Cassandra in managing large amounts of data and learn how to ensure that data is always available. This practical, hands-on guide takes you through every stage from installation to performance tuning. Overview Install and set up a multi datacenter Cassandra Troubleshoot and tune Cassandra Covers CAP tradeoffs, physical hardware limitations, and helps you understand the magic Tune your kernel, JVM, to maximize the performance Includes security, monitoring metrics, Hadoop configuration, and query tracing In Detail Apache Cassandra is a massively scalable open source NoSQL database. Cassandra is perfect for managing large amounts of structured, semi-structured, and unstructured data across multiple data centers and the cloud. Cassandra delivers linear scalability and performance across many commodity servers with no single point of failure. This book starts by explaining how to derive the solution, basic concepts, and CAP theorem. You will learn how to install and configure a Cassandra cluster as well as tune the cluster for performance. After reading the book, you should be able to understand why the system works in a particular way, and you will also be able to find patterns (and or use...



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