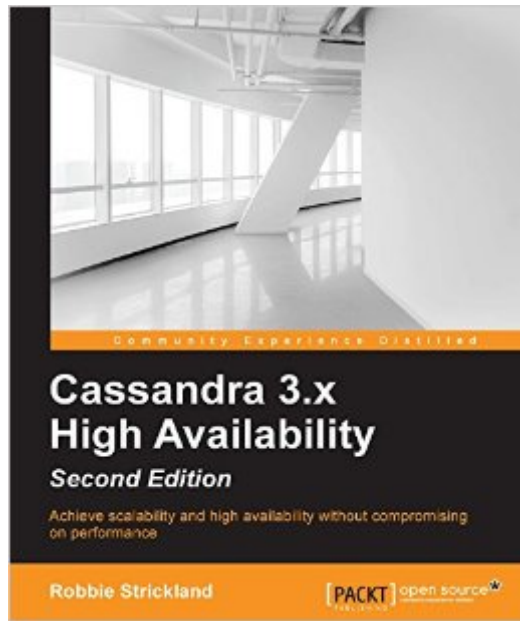


The book was found

Cassandra 3.x High Availability - Second Edition



Synopsis

Key Features See how to get 100 percent uptime with your Cassandra applications using this easy-follow guide Learn how to avoid common and not-so-common mistakes while working with Cassandra using this highly practical guide Get familiar with the intricacies of working with Cassandra for high availability in your work environment with this go-to-guide

Book Description Apache Cassandra is a massively scalable, peer-to-peer database designed for 100 percent uptime, with deployments in the tens of thousands of nodes, all supporting petabytes of data. This book offers a practical insight into building highly available, real-world applications using Apache Cassandra. The book starts with the fundamentals, helping you to understand how Apache Cassandra's architecture allows it to achieve 100 percent uptime when other systems struggle to do so. You'll get an excellent understanding of data distribution, replication, and Cassandra's highly tunable consistency model. Then we take an in-depth look at Cassandra's robust support for multiple data centers, and you'll see how to scale out a cluster. Next, the book explores the domain of application design, with chapters discussing the native driver and data modeling. Lastly, you'll find out how to steer clear of common anti-patterns and take advantage of Cassandra's ability to fail gracefully.

What you will learn Understand how the core architecture of Cassandra enables highly available applications Use replication and tunable consistency levels to balance consistency, availability, and performance Set up multiple data centers to enable failover, load balancing, and geographic distribution Add capacity to your cluster with zero downtime Take advantage of high availability features in the native driver Create data models that scale well and maximize availability Understand common anti-patterns so you can avoid them Keep your system working well even during failure scenarios

About the Author Robbie Strickland has been involved in the Apache Cassandra project since 2010, and he initially went to production with the 0.5 release. He has made numerous contributions over the years, including work on drivers for C# and Scala and multiple contributions to the core Cassandra codebase. In 2013 he became the very first certified Cassandra developer, and in 2014 DataStax selected him as an Apache Cassandra MVP. Robbie has been an active speaker and writer in the Cassandra community and is the founder of the Atlanta Cassandra Users Group. Other examples of his writing can be found on the DataStax blog, and he has presented numerous webinars and conference talks over the years.

Table of Contents Cassandra's Approach to High Availability Data Distribution Replication Data Centers Scaling Out High Availability Features in the Native Java Client Modeling for Availability Anti-Patterns Failing Gracefully

Book Information

File Size: 10718 KB

Print Length: 196 pages

Publisher: Packt Publishing; 2nd Revised edition edition (August 29, 2016)

Publication Date: August 29, 2016

Sold by: Digital Services LLC

Language: English

ASIN: B01HY3TC5E

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #271,996 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #34

in Books > Computers & Technology > Networking & Cloud Computing > Network Administration >

Disaster & Recovery #178 in Kindle Store > Kindle eBooks > Computers & Technology >

Databases #1024 in Books > Computers & Technology > Databases & Big Data

[Download to continue reading...](#)

Cassandra 3.x High Availability - Second Edition MySQL High Availability: Tools for Building Robust Data Centers Architecting for Scale: High Availability for Your Growing Applications High Availability and Disaster Recovery: Concepts, Design, Implementation High Availability and Disaster Recovery High Blood Pressure Cure: How To Lower Blood Pressure Naturally in 30 Days (Alternative Medicine, Natural Cures, Natural Remedies, High Blood Pressure ... Cures for High Blood Pressure, High BI) Cassandra: The Definitive Guide NoSQL Web Development with Apache Cassandra GaudÃf- Afternoon (The Cassandra Reilly Mysteries Book 1) Cassandra at the Wedding (New York Review Books Classics) Availability of Credit and Secured Transactions in a Time of Crisis Cassandra: A Novel and Four Essays 500 High Fiber Recipes: Fight Diabetes, High Cholesterol, High Blood Pressure, and Irritable Bowel Syndrome with Delicious Meals That Fill You Up and Help You Shed Pounds! Foods High in Fiber Cookbook: List of High Fiber Foods for a Healthy Lifestyle - Recipes for High Fiber Foods High-yield Neuroanatomy (High-yield Series) 4th (fourth) Edition by James D. Fix, Jennifer Brueckner published by Lippincott Williams and Wilkins (2008) By James D. Fix: High-Yield Neuroanatomy (High-Yield Series) Third (3rd) Edition High fat, High hopes: Best 25 Low Carb Ketogenic Diet Recipes For Dramatic Weight Loss Vegan: High Protein Vegan Cookbook-Vegan Diet-Gluten Free & Dairy Free Recipes (Slow cooker,crockpot,Cast Iron)

(vegan,vegan diet,vegan slowcooker,high ... free,dairy free,low carb) Vegan: High Protein Cookbook: 50 Delicious High Protein Vegan Recipes (Dairy Free, Gluten Free, Low Cholesterol, Vegan Diet, Vegan for Weight loss, vegetarian, vegan bodybuilding, Cast Iron,) Blender Recipes: 27 Blender Recipes You Can Make with High Speed Blenders - Juicing For Weight Loss & Vitality (Blender Recipes You Can Make With Your ... Star & Other High Speed Blenders & Juicers)

[Dmca](#)