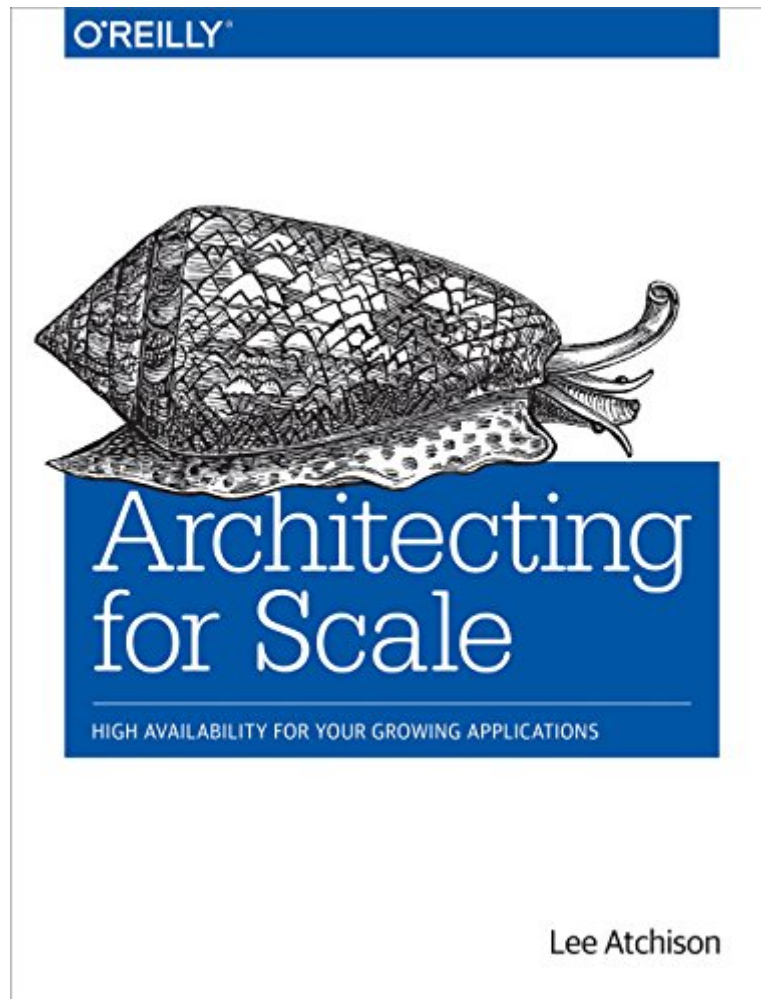


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# Architecting For Scale: High Availability For Your Growing Applications



## Synopsis

Every day, companies struggle to scale critical applications. As traffic volume and data demands increase, these applications become more complicated and brittle, exposing risks and compromising availability. This practical guide shows IT, devops, and system reliability managers how to prevent an application from becoming slow, inconsistent, or downright unavailable as it grows. Scaling isn't just about handling more users; it's also about managing risk and ensuring availability. Author Lee Atchison provides basic techniques for building applications that can handle huge quantities of traffic, data, and demand without affecting the quality your customers expect. In five parts, this book explores:

- Availability: learn techniques for building highly available applications, and for tracking and improving availability going forward
- Risk management: identify, mitigate, and manage risks in your application, test your recovery/disaster plans, and build out systems that contain fewer risks
- Services and microservices: understand the value of services for building complicated applications that need to operate at higher scale
- Scaling applications: assign services to specific teams, label the criticalness of each service, and devise failure scenarios and recovery plans
- Cloud services: understand the structure of cloud-based services, resource allocation, and service distribution

## Book Information

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## Customer Reviews

This book does not dig deep, but it is not intended to. If you are looking to understand the latest trends in high availability architecture this is an excellent book. I feel this book is for business personnel looking to improve their knowledge , experienced software engineers that want to move away from legacy patterns, software engineers that are looking to become systems architects, and engineers just entering the software development path. This book is a good place to pull check lists and double check that your plan for development does not have gaps that are easy to fill, but could cost you dearly if you don't address them early.

My company purchased this book. This is a pleasantly-fast read. For somebody new to the game, this is a solid review of high-level common sense ideals and approaches. It is like an "Intro to XYZ" book you would see in a college sophomore's stack of first-semester books. For experienced admins or designers, you have probably gained all the wisdom there is in this book through sheer experience. It is slightly over-priced in my opinion for the amount of knowledge transfer either group would glean from the pages. It is about a \$20 value IMHO.

Hi. The author of the previous review looked at an early version of the book (the "first three chapters" version). The book is now complete and has 26 chapters of, I hope, useful and relevant content. Take a look and certainly let me know what you think!

Too high level and brief. The ideas were good, however lack of solid and meaningful examples.

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