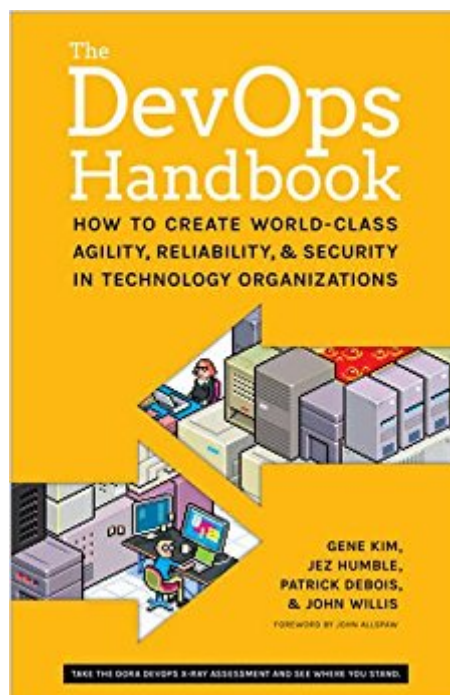




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The DevOps Handbook: How To Create World-Class Agility, Reliability, And Security In Technology Organizations



Synopsis

Increase profitability, elevate work culture, and exceed productivity goals through DevOps practices. More than ever, the effective management of technology is critical for business competitiveness. For decades, technology leaders have struggled to balance agility, reliability, and security. The consequences of failure have never been greater—whether it's the healthcare.gov debacle, cardholder data breaches, or missing the boat with Big Data in the cloud. And yet, high performers using DevOps principles, such as Google, Facebook, Etsy, and Netflix, are routinely and reliably deploying code into production hundreds, or even thousands, of times per day. Following in the footsteps of The Phoenix Project, The DevOps Handbook shows leaders how to replicate these incredible outcomes, by showing how to integrate Product Management, Development, QA, IT Operations, and Information Security to elevate your company and win in the marketplace. Take the DORA DevOps X-ray Assessment and see where you stand! Visit devops-survey.com with your access code to take the DevOps X-ray Assessment.

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Customer Reviews

The Three Ways Revisited | The DevOps Handbook Wondering if The DevOps Handbook is for you? Authors, Gene Kim, Jez Humble, Patrick Debois and John Willis developed this book for anyone looking to transform their IT organization—especially those who want to make serious changes through the DevOps methodology to increase productivity, profitability and win the marketplace. It is the all-inclusive guide for planning and executing DevOps transformations while

providing background on the history of DevOps and dozens of case studies to support DevOps principles. It also provides best practices to help organizations unite disparate teams, achieve common goals and obtain support from the highest levels of leadership. The DevOps Handbook digs into the three foundational principles underpinning DevOps, now known as The Three Ways: Flow, Feedback, and Continual Learning and Experimentation. The DevOps Handbook follows in the footsteps of The Phoenix Project, also by Gene Kim, by offering a high-level examination of the Three Ways as the focus of Part 1 of the new book. As the book works through the Three Ways, readers will be able to identify how high-performing companies leveraged these principles to win the marketplace. The hope is that large organizations replicate the success of high performers to execute their own successful DevOps transformations. This six-part book is rife with useful content, including:

- The resulting work from five years of collaboration and 2,000 hours of contribution between the co-authors
- More than 40 DevOps case studies, including , Etsy, Capital One, Google, Facebook, Intuit, Nationwide Insurance and many more
- More than 400 pages of DevOps applications, lessons and ‘how-to’s’.
- DevOps data gathered from more than 25,000 data points.

A follow-up to The Phoenix Project which has sold 250,000 copies, The DevOps Handbook leads with DevOps history, explaining how it was derived from bodies of knowledge that span over decades, and its resulting technical, architectural and cultural practices. Once the historical foundation is laid, readers dive into the Three Ways principles. Readers will have a deeper understanding of the theory and principles that led to DevOps today. The resulting concrete principles and patterns, and their practical application to the technology value stream, are presented in the remaining chapters of the book. We are proud to announce that The DevOps Handbook has been given the 2016 DevOps Dozen Award for ‘Best DevOps Book of the Year.’

Gene Kim is a multiple award-winning entrepreneur, the founder and former CTO of Tripwire and a researcher. He is passionate about IT operations, security and compliance, and how IT organizations successfully transform from "good to great." He lives in Portland, Oregon. Jez Humble is an award-winning author and researcher on software who has spent his career tinkering with code, infrastructure, and product development in organizations of varying sizes across three continents. He works at 18F, teaches at UC Berkeley, and is co-founder of DevOps Research and Assessment LLC. Patrick Debois is an independent IT-consultant who is bridging the gap between projects and operations by using Agile techniques both in development, project management and system administration. John Willis has worked in the IT management industry

for more than 30 years. He has authored six IBM Redbooks for IBM on enterprise systems management and was the founder and chief architect at Chain Bridge Systems. He lives in Atlanta, Georgia. John Allspaw has worked in systems operations for over fourteen years in biotech, government and online media. He started out tuning parallel clusters running vehicle crash simulations for the U.S. government, and then moved on to the Internet in 1997. He built the backing infrastructures at Salon.com, InfoWorld.com, Friendster, and Flickr. He is now VP of Tech Operations at Etsy, and is the author of "The Art of Capacity Planning" and "Web Operations" published by O'Reilly.

I am 90% sure they were looking at me through the door hole keyhole when writing this... Reading this publication is like opening the valve of your brain towards a whole new approach. Warning: You will be starving for a lot of other great books while reading this. Being "the goal" by Eli Goldartt the most prominent.

A fabulous, well-researched work, rich with historical case studies, best practices and insight. The authors spared no expense in creating this masterpiece. Highly recommend!

This is an excellent book on DevOps.

Amazing book. Great follow up to the novel based Phoenix Project, this book begins to show you the true way to get there!!

DevOps transformations in heavily siloed companies is non-trivial. It is really hard to know where to start to get organizations highly resilient to change to make the jump to light speed. This book has providing excellent material for folks like me who want to lead the revolution.

Oh, my. I was skeptical. I didn't need to be. My boss suggested that I read the book. I doubted the authors' ability to weave a story about DevOps into a novel. But they did. I found myself caring about the characters, anxious to follow the story to the end, and learning about DevOps principles along the way. Read it.

Wow! A must read and great reference after reading The Phoenix Project. Very detailed and immensely helpful and informative. Advising my Sr. leadership team to purchase and study this

book.

This was a very interesting book, and I enjoyed it a lot. It has inspired me and now I am trying to help our customers to take steps towards establishing a DevOps culture

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