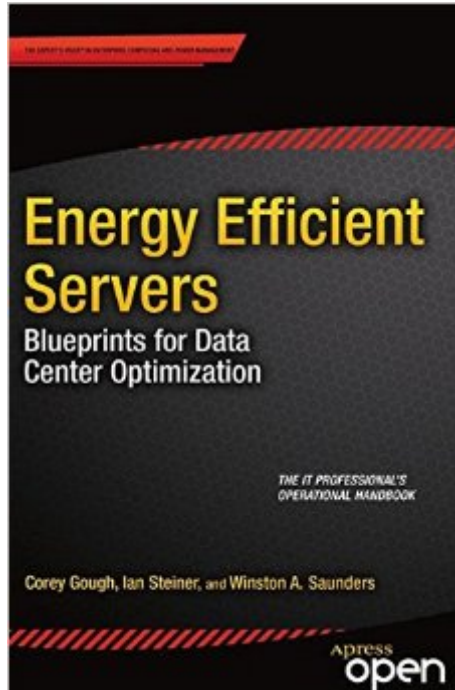


The book was found

Energy Efficient Servers: Blueprints For Data Center Optimization



Synopsis

Energy Efficient Servers: Blueprints for Data Center Optimization introduces engineers and IT professionals to the power management technologies and techniques used in energy efficient servers. The book includes a deep examination of different features used in processors, memory, interconnects, I/O devices, and other platform components. It outlines the power and performance impact of these features and the role firmware and software play in initialization and control. Using examples from cloud, HPC, and enterprise environments, the book demonstrates how various power management technologies are utilized across a range of server utilization. It teaches the reader how to monitor, analyze, and optimize their environment to best suit their needs. It shares optimization techniques used by data center administrators and system optimization experts at the world's most advanced data centers.

Book Information

Paperback: 360 pages

Publisher: Apress; 1st ed. edition (March 27, 2015)

Language: English

ISBN-10: 1430266376

ISBN-13: 978-1430266372

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #1,040,814 in Books (See Top 100 in Books) #102 in Books > Crafts, Hobbies & Home > Home Improvement & Design > Energy Efficiency #1276 in Books > Textbooks > Computer Science > Networking #1949 in Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs

Customer Reviews

Really amazing stuff here - I know I've spent hours searching for these answers... really quite in-depth without becoming unreadable, in fact the style makes the material seem lighter than it is - well done!

It is rare to have the people responsible for the design of complex technical systems given the opportunity to explain how those systems work (those experts are usually too busy designing new complex systems to write down the details). This book contains the deep knowledge of three such

experts at Intel responsible for implementing power management in server processors. If you care about power management and really want to dig into the technical details, this book is a must read. Full disclosure: I was an official technical reviewer for this book, but have no ongoing financial interest in it (the publisher paid me a modest amount for my review time and that's it).

Clear, conversational language on power management capabilities and progress over time to get better power efficiency.

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

Energy Efficient Servers: Blueprints for Data Center Optimization Making Your Data Center Energy Efficient Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Blueprints Pediatrics (Blueprints Series) CCNA Data Center - Introducing Cisco Data Center Networking Study Guide: Exam 640-911 Hybrid Particle Swarm Algorithm for Multiobjective Optimization: Integrating Particle Swarm Optimization with Genetic Algorithms for Multiobjective Optimization Efficient SAP R/3-Data Archiving: How to Handle Large Data Volumes Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources Python Machine Learning Blueprints: Intuitive data projects you can relate to Prefabulous and Sustainable: Building and Customizing an Affordable, Energy-Efficient Home Green from the Ground Up: Sustainable, Healthy, and Energy-Efficient Home Construction (Builder's Guide) The Natural House: A Complete Guide to Healthy, Energy-Efficient, Environmental Homes Prefabulous World: Energy-Efficient and Sustainable Homes Around the Globe Energy Efficient Homes For Dummies Energy-Efficient Building Systems: Green Strategies for Operation and Maintenance Audubon House: Building the Environmentally Responsible, Energy-Efficient Office (Wiley Series in Sustainable Design) Lighting Retrofit and Relighting: A Guide to Energy Efficient Lighting Seo 2017: Search Engine Optimization for 2017. On Page SEO, Off Page SEO, Keywords (SEO Books, Search Engine Optimization 2016)

[Dmca](#)