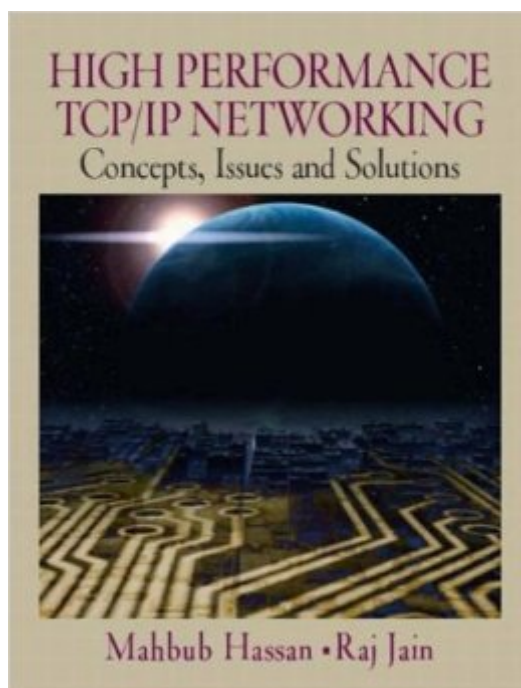# High Performance TCP/IP Networking

Synopsis

Designed for one-semester/-quarter undergraduate/graduate courses in Advanced Computer Networks, Advanced TCP/IP Networks, High Performance Networks, and Internetworking, in departments of computer science, electrical engineering, and computer and information sciences. This text provides in-depth coverage of the necessary tools and techniques for the performance evaluation of TCP/IP networks. It examines performance concepts and issues for running TCP/IP over wireless, mobile, optical and satellite networks; congestion control algorithms in hosts and routers to manage traffic congestion in TCP/IP networks and enhance application performance; and high performance implementation of TCP/IP protocol stack in software and hardware.

Book Information

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Customer Reviews

There are many good books talking about the TCP/IP protocol, however this book distinguishes itself by outlining performance measurement, analysis and simulation for high speed networks embracing several TCP application scenarios.

If you want to get deeper understanding of the TCP protocol this is a great book to start with.I have learned more in on chapter than I have in the last year.Thank You!

This book is not about how to write applications that pump data through TCP, but rather how the protocol operates and the different strategies taken by different flavours of TCP and operating

systems. It is for those that want to know why TCP behaves the way it does under stress.

High Performance TCP/IP Networking The Linux TCP/IP Stack: Networking for Embedded Systems (Networking Series) High-Performance Communication Networks (The Morgan Kaufmann Series in Networking) 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 Bl) Networking Self-Teaching Guide: OSI, TCP/IP, LANs, MANs, WANs, Implementation, Management, and Maintenance Guide to TCP/IP (Networking (Course Technology)) TCP/IP Protocol Suite (McGraw-Hill Forouzan Networking) TCP/IP Clearly Explained, Fourth Edition (The Morgan Kaufmann Series in Networking) Practical TCP/IP and Ethernet Networking for Industry (Practical Professional Books) Linux TCP/IP Networking for Embedded Systems Wireless Home Networking Simplified (Networking Technology) Cisco CCENT Networking For Beginners: The Ultimate Beginners Crash Course to Learn Cisco Quickly And Easily (Computer Networking, Network Connectivity, CCNA) Cisco CCNA Networking For Beginners: 3rd Edition: The Ultimate Beginners Crash Course To Learn Cisco Quickly And Easily (CCNA, Networking, IT Security, ITSM) Fundamentals of Voice and Data Cabling Companion Guide (Cisco Networking Academy Program) (Cisco Networking Academy Program Series) 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 Performance Dog Nutrition - Optimize Performance With Nutrition Performance Anxiety Cure: How To Overcome Performance Anxiety And Stage Fright In All Aspects Of Life Forever (anxiety recovery, panic attacks, anxiety management, anxiety attacks) David Vizard's How to Build Max Performance Chevy Small Blocks on a Budget (Performance How-To) Butch Queens Up in Pumps: Gender, Performance, and Ballroom Culture in Detroit (Triangulations: Lesbian/Gay/Queer Theater/Drama/Performance)