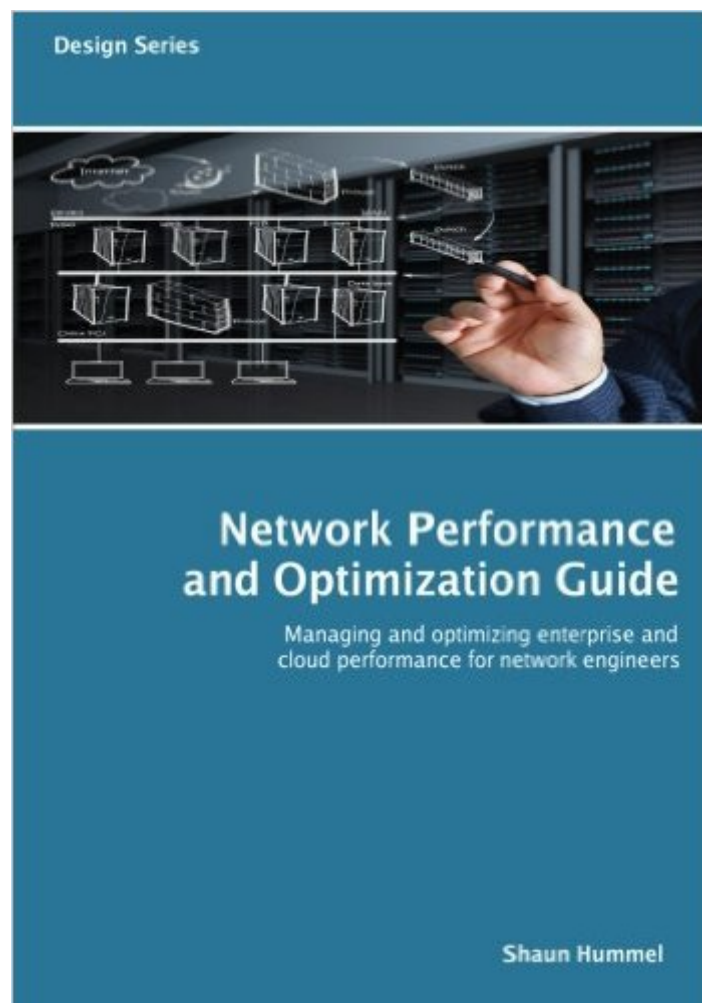# Network Performance And Optimization Guide: The Essential Network Performance Guide For CCNA, CCNP And CCIE Engineers (Design Series)

Design Series

Network Performance and Optimization Guide

Managing and optimizing enterprise and cloud performance for network engineers

Shaun Hummel

Synopsis

Network Performance Guide, is an essential reference for network performance, optimization and capacity planning. The book explains principles, methodologies and techniques for high performance network design. The guide starts with a foundational chapter that teaches networking fundamentals topics. The following chapter discusses network performance monitoring and selection of tools. The book continues with protocols including packet structure, protocol efficiency, traffic analysis and performance calculations. There are solutions for increasing capacity such as bandwidth, campus switching and device upgrades presented. In addition topics such as WAN optimization, TCP features, availability, route optimization and resiliency are discussed. The performance solutions are used to develop optimized campus, wireless, WAN and cloud network designs. There are troubleshooting case study examples that teach assessment, analysis and design solutions for CCNA, CCNP and CCIE level engineers.

Book Information

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Average Customer Review: 2.3 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

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Customer Reviews

Despite the cover styling, this is definitely not a Cisco Press quality book. Huge type for filling pages, nothing about network performance or optimization; its basically a listing of terms and diagrams. Anyone who has passed their CCNA would be wasting their time with this...the mention of CCNP and CCIE engineers on the cover is joke. I received this about 10 minutes ago and it is going

back to in tomorrow's mail.

Mainly product specification. Poor formatting and content. It looks like a Cisco Press Book, but it is not, don't be mislead by it.

This is one of the better technical books that I have added to my arsenal for a while. I would recommend it to all Network Engineers, Architects, Designers and serious administrators.Fantastic. I will read it twice.

Network Performance and Optimization Guide: The Essential Network Performance Guide For CCNA, CCNP and CCIE Engineers (Design Series) Chris Bryant's CCNP SWITCH 300-115 Study Guide (Ccnp Success) Hybrid Particle Swarm Algorithm for Multiobjective Optimization: Integrating Particle Swarm Optimization with Genetic Algorithms for Multiobjective Optimization CCNA Routing and Switching 200-120 Official Cert Guide Library & CCENT/CCNA ICND1 100-101 Official Cert Guide Cisco CCIE Fundamentals: Network Design & Case Studies CCNA Routing and Switching Portable Command Guide (ICND1 100-105, ICND2 200-105, and CCNA 200-125) Cisco CCNA Simplified: Your Complete Guide to Passing the CCNA Routing and Switching Exam Subnetting For Beginners: How To Easily Master IP Subnetting And Binary Math To Pass Your CCNA (CCNA, Networking, IT Security, ITSM) Cisco Network Professional's Advanced Internetworking Guide (CCNP Series) Physics for Scientists and Engineers, Vol. 1: Mechanics, Oscillations and Waves, Thermodynamics (Physics for Scientists & Engineers, Chapters 1-21) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Network Marketing Success Blueprint: Go Pro in Network Marketing: Build Your Team, Serve Others and Create the Life of Your Dreams (Network Marketing ... Scam Free Network Marketing) (Volume 1) Advanced MPLS Design and Implementation (CCIE Professional Development) Simplified Design of Switching Power Supplies (EDN Series for Design Engineers) High Performance Web Sites: Essential Knowledge for Front-End Engineers Cisco LAN Switching (CCIE Professional Development series) Network Fundamentals: CCNA Exploration Companion Guide (Cisco Networking Academy) WordPress: A Beginner to Intermediate Guide on Successful Blogging and Search Engine Optimization. (Blogging, SEO, Search Engine Optimization, Free Website, WordPress, WordPress for Dummies) The Pocket Universal Principles of Design: 150 Essential Tools for Architects, Artists, Designers, Developers, Engineers, Inventors, and Makers CCNA 640-802 Network Simulator, Academic Edition