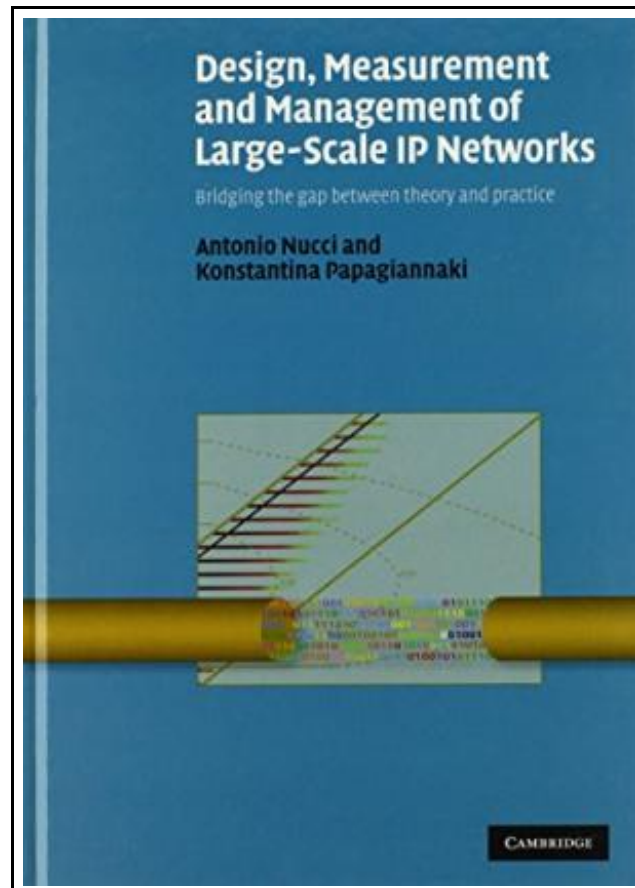# Design, Measurement and Management of Large-Scale IP Networks: Bridging the Gap Between Theory and Practice

Filesize: 8.06 MB

Reviews

The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.
(Dr. Reta Murphy)

DESIGN, MEASUREMENT AND MANAGEMENT OF LARGE-SCALE IP NETWORKS: BRIDGING THE GAP BETWEEN THEORY AND PRACTICE

To save **Design, Measurement and Management of Large-Scale IP Networks: Bridging the Gap Between Theory and Practice** eBook, remember to follow the button under and download the document or have accessibility to additional information that are highly relevant to DESIGN, MEASUREMENT AND MANAGEMENT OF LARGE-SCALE IP NETWORKS: BRIDGING THE GAP BETWEEN THEORY AND PRACTICE ebook.

Cambridge University Press, Cambridge, UK, 2008. Hardcover. Book Condition: New. Dust Jacket Condition: New. First Edition. Designing efficient IP networks and maintaining them effectively poses a range of challenges, but in this highly competitive industry it is crucial that these are overcome. Weaving together theory and practice, this text sets out the design and management principles of large-scale IP networks, and the need for these tasks to be underpinned by actual measurements. Discussions of the types of measurements available in IP networks are included, along with the ways in which they can assist both in the design phase as well as in the monitoring and management of IP applications. Other topics covered include IP network design, traffic engineering, network and service management and security. A valuable resource for graduate students and researchers in electrical and computer engineering and computer science, this is also an excellent reference for network designers and operators in the communication industry. Contents 1. Introduction 2. Background and context Part I. Network Monitoring and Management: 3. The need for monitoring in ISP network design and management 4. Understanding through-router delay 5. Traffic matrices: measurement, inference and modeling Part II. Network Design and Traffic Engineering: 6. Principles of network design and traffic engineering 7. Topology design resilient to long-lived failures 8. Achieving topology resilience using multi-parallel links 9. Performance enhancement and resilience to short-lived failures via routing optimization 10. Measuring the shared fate of IGP engineering: considerations and takeaway 11. Capacity planning Part III. From Bits to Services: 12. From bits to services: information is power 13. Traffic classification in the dark 14. Classification of multimedia hybrid flows in real time 15. Detection of data place malware: DoS and computer worms 16. Detection of control place anomalies: beyond prefix hijacking Appendix A. How to link original and measured...

📄 Read Design, Measurement and Management of Large-Scale IP Networks: Bridging the Gap Between Theory and Practice Online

📄 Download PDF Design, Measurement and Management of Large-Scale IP Networks: Bridging the Gap Between Theory and Practice

📄 Download ePUB Design, Measurement and Management of Large-Scale IP Networks: Bridging the Gap Between Theory and Practice

Other Kindle Books

[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Follow the web link listed below to get "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)" PDF file.

Save Book »

[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)

Follow the web link listed below to get "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)" PDF file.

Save Book »

[PDF] Under My Skin: My Autobiography to 1949

Follow the web link listed below to get "Under My Skin: My Autobiography to 1949" PDF file.

Save Book »

[PDF] Now and Then: From Coney Island to Here

Follow the web link listed below to get "Now and Then: From Coney Island to Here" PDF file.

Save Book »

[PDF] Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

Follow the web link listed below to get "Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America" PDF file.

Save Book »

[PDF] Love My Enemy

Follow the web link listed below to get "Love My Enemy" PDF file.

Save Book »

[PDF] The Birth of Venus

Access the web link listed below to get "The Birth of Venus" file.

Download ePub »

[PDF] You Are Not I: A Portrait of Paul Bowles

Access the web link listed below to get "You Are Not I: A Portrait of Paul Bowles" file.

Download ePub »

[PDF] Paul Bowles: A Life

Access the web link listed below to get "Paul Bowles: A Life" file.

Download ePub »

[PDF] Keep the Change

Access the web link listed below to get "Keep the Change" file.

Download ePub »

[PDF] The Victim's Fortune: Inside the Epic Battle Over the Debts of the Holocaust

Access the web link listed below to get "The Victim's Fortune: Inside the Epic Battle Over the Debts of the Holocaust" file.

Download ePub »

[PDF] Flights of Angels: Stories

Access the web link listed below to get "Flights of Angels: Stories" file.

Download ePub »