



Software Defined Networks: A Comprehensive Approach

By Paul Goransson, Chuck Black

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Software Defined Networks discusses the historical networking environment that gave rise to SDN, as well as the latest advances in SDN technology. The book gives you the state of the art knowledge needed for successful deployment of an SDN, including:

- How to explain to the non-technical business decision makers in your organization the potential benefits, as well as the risks, in shifting parts of a network to the SDN model
- How to make intelligent decisions about when to integrate SDN technologies in a network
- How to decide if your organization should be developing its own SDN applications or looking to acquire these from an outside vendor
- How to accelerate the ability to develop your own SDN application, be it entirely novel or a more efficient approach to a long-standing problem
- Discusses the evolution of the switch platforms that enable SDN
- Addresses when to integrate SDN technologies in a network
- Provides an overview of sample SDN applications relevant to different industries
- Includes practical examples of how to write SDN applications

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Editorial Review

Review

"I was looking for a suitable book that could give me the right sort of introduction to SDNs and direction on where to begin. This book does just that."

About the Author

Paul Goransson is Founder and Chairperson of the Elbrys Networks where he currently leads corporate strategy and directs Elbrys' Intellectual Property portfolio. A serial entrepreneur who has led two boot-strap start-up companies through successful acquisitions by industry giants - Qosnetics by Hewlett Packard (1999) and Meetinghouse by Cisco (2006). Paul held senior management positions with Agilent Technology's Advanced Networks Division and Cisco's Wireless Networking Business Unit Paul co-authored the book "Roaming Securely in 802.11 Networks" as well as numerous articles in technical journals related to computer networking. He is often an invited speaker at technical conferences.

Chuck Black has over 35 years of experience in the field of computer networking, working in research and development labs for Hewlett-Packard for most of that time before becoming co-founder of Tallac Networks, a Software Defined Networking startup. Most recently he has been training engineering staff and customers of major networking vendors in the areas of developing SDN applications. He has been the innovator and creator of multiple networking products for HP in the area of Network Access Control and Security, and holds eleven patents in these areas. Prior to this work, he developed products in the field of Network Management for HP's software organization. In the early days of local area networking, he was author of some of the first network topology discovery applications in the industry. Black holds a BS and MS in Computer Science from California Polytechnic State University, San Luis Obispo.

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