

# ***NEW BOOK ANNOUNCEMENT!***

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## **SCALABLE PERFORMANCE SIGNALLING AND CONGESTION AVOIDANCE**

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by

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This book focuses on Internet congestion control with special emphasis given to signalling and network architecture. The author introduces a new protocol called Performance Transparency Protocol (PTP) and a congestion control mechanism called Congestion Avoidance with Distributed Proportional Control (CADPC), as well as provides:

- Complete specification of PTP
- New simulation results that show how CADPC/PTP outperforms several current alternatives
- A new method of using the well-known Chiu/Jain vector diagrams for analysis and design
- A short and easily comprehensible introduction to Congestion Control and Quality of Service
- An overview of explicit signalling mechanisms between end points and the network

*Scalable Performance Signalling and Congestion Avoidance* provides a wealth of information on Internet and network congestion avoidance for network engineers and researchers.

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### **CONTENTS:**

Foreword. 1. Introduction. 2. Related Work. 3. PTP: A Framework for Explicit Performance Signalling. 4. Congestion Avoidance with Distributed Proportional Control. 5. Conclusion. Appendix: A. The ns Network Simulator. References. About the Author. Index.

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