

《Quality of Service i》

图书基本信息

书名：《Quality of Service in Multiservice IP Networks 多种服务IP网络的服务质量/会议录》

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内容概要

This book constitutes the refereed proceedings of the Third International Workshop on Quality of Service in Multiservice IP Networks, QoS-IP 2005, held in Catania, Italy in February 2005. The 50 revised full papers presented were carefully reviewed and selected from around 100 submissions. The papers are organized in topical sections on analytical models, traffic characterization, MPLS failure and restoration, network planning and dimensioning, DiffServ and InfServ, routing, software routers, network architectures for QoS provisioning, multiservice in wireless networks, TCP in special environments, and scheduling.

书籍目录

Analytical Models An Analytical Model of a New Packet Marking Algorithm for TCP Flows Of Mice and Models A Dual Approach to Network Calculus Applying the Legendre Transform Service Curve Estimation by Measurement: An Input Output Analysis of a Softswitch Model Utility Proportional Fair Bandwidth Allocation: An Optimization Oriented Approach Traffic Characterization Packet Size Distribution: An Aside? Synthesis and MAVAR Characterization of Self-similar Traffic Traces from Chaotic Generators Coupled Kermack-McKendrick Models for Randomly Scanning and Bandwidth-Saturating Internet Worms On-Line Segmentation of Non-stationary Fractal Network Traffic with Wavelet Transforms and Log-Likelihood-Based Statistics MPLS Failure and Restoration Implementation of Virtual Path Hopping (VPH) as a Solution for Control Plane Failures in Connection Oriented Networks and an Analysis of Traffic Distribution of VPH Experimental Comparison of Fault Notification and LSP Recovery Mechanisms in MPLS Operational Testbeds NPP: A Facility Based Computation Framework for Restoration Routing Using Aggregate Link Usage Information An Efficient Backup Path Selection Algorithm in MPLS Networks, Network Planning and Dimensioning Planning Multiservice VPN Networks: An Analytical/Simulative Mechanism to Dimension the Bandwidth Assignments Topological Design of Survivable IP Networks Using Metaheuristic Approaches Replicated Server Placement with QoS Constraints Dimensioning Approaches for an Access Link Assuring Integrated QoS Aggregation Network Design for Offering Multimedia Services to Fast Moving Users DiffServ and IntServ Management of Non-conformant TCP Traffic in IP DiffServ Networks Routing Software Routers Network Architectures for QoS Provisioning Routing Multiservice Wireless Networks TCP in Special Environments Scheduling Author Index

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