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Collana	Computer Communication Networks and Telecommunications ; ; 4268
Disciplina	004.67/8
Soggetti	Computer communication systems Application software Management information systems Computer science Multimedia information systems Information storage and retrieval Electrical engineering Computer Communication Networks Information Systems Applications (incl. Internet) Management of Computing and Information Systems Multimedia Information Systems Information Storage and Retrieval Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Earlier workshops called: IEEE Workshop on IP Operations and Management.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Modeling and Planning -- Traffic Modeling and Classification Using Packet Train Length and Packet Train Size -- Adaptive Bandwidth Allocation Method for Long Range Dependence Traffic -- Algorithms for Fast Resilience Analysis in IP Networks -- Quality of Service Routing -- Efficient OSPF Weight Allocation for Intra-domain QoS Optimization -- Probabilistic QoS Guarantees with FP/EDF Scheduling and Packet

Discard in a Real Time Context: A Comparative Study of Local Deadline Assignment Techniques -- A Quantitative QoS Routing Model for Diffserv Aware MPLS Networks -- Quality of Service Issues -- Experience-Based Admission Control with Type-Specific Overbooking -- Applying Blood Glucose Homeostatic Model Towards Self-management of IP QoS Provisioned Networks -- New Mathematical Models for Token Bucket Based Meter/Markers -- Management and Configuration -- Unique Subnet Auto-configuration in IPv6 Networks -- An Efficient Process for Estimation of Network Demand for QoS-Aware IP Network Planning -- A Protocol for Atomic Deployment of Management Policies in QoS-Enabled Networks -- Autonomics and Security -- Towards Autonomic Network Management for Mobile IPv4 Based Wireless Networks -- A Comparison of Mobile Agent and SNMP Message Passing for Network Security Management Using Event Cases -- Principles of Secure Network Configuration: Towards a Formal Basis for Self-configuration -- Topology -- Risk Assessment of End-to-End Disconnection in IP Networks due to Network Failures -- Evaluation of a Large-Scale Topology Discovery Algorithm -- The Virtual Topology Service: A Mechanism for QoS-Enabled Interdomain Routing -- Short Papers -- Correlating User Perception and Measurable Network Properties: Experimenting with QoE -- Towards Realization of Web Services-Based TSA from NGOSS TNA -- An Efficient Queue Management (EQM) Technique for Networks -- Monitoring MIPv6 Traffic with IPFIX.

Sommario/riassunto

th This volume presents the proceedings of the 6 IEEE International Workshop on IP Operations and Management (IPOM 2006), which was held as part of Manweek 2006 rd th in Dublin, Ireland from October 23 to 25 , 2006. In line with its reputation as one of the pre-eminent venues for the discussion and debate of advances of management of IP networks and services, the 2006 iteration of IPOM brought together an international audience of researchers and practitioners from both industry and academia. The overall theme of Manweek 2006 was “Autonomic Component and System Management”, with IPOM taking this to be the application of autonomic principles to the IP operations, administration, maintenance and provisioning (OAM&P) domain. IPOM 2006 is more relevant than ever to the emerging communications infrastructure that is increasingly focused on “convergence” of networks and services. Although arguably over-hyped, there is a fundamental truth to this convergence story, and this is based on the fact that the TCP/IP protocol suite (IPv4 and IPv6) has become the common denominator for a plethora of such converged services. One good example in the period between IPOM 2005 and IPOM 2006 has been the large scale deployment of consumer VoIP, linked to the success of Skype and alternatives including SIP-based approaches. In many countries VoIP is driving broadband deployment for SMEs where real costs savings can be accrued, especially for companies with remote staff in the field.