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Altri autori (Persone)	LiXing NunziGiorgio ScoglioCaterina
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Mediation -- One-Against-All Methodology for Features Selection and Classification of Internet Applications -- Network Robustness -- A Labeled Data Set for Flow-Based Intrusion Detection -- Fast Failure Detection in Multipoint Networks -- Traffic Classification Based on Flow Similarity -- Management of Virtual Networks -- Managing Network-Aware Grid Services on Metropolitan Scale: The SCoPE Experience -- Extending Routers Utilisability and Life Cycle through Automated Configuration Management -- Autonomic Virtual Routers for the Future Internet -- Configuration of Network Resources and Applications -- Ontological Configuration Management for Wireless Mesh Routers -- A Feasibility Evaluation on Name-Based Routing -- NCClient: A Python Library for NETCONF Client Applications -- Short Papers -- An IPSec Mediation Approach for Safe Establishment of Inter-domain VPNs -- Optical Switching Impact on TCP Throughput Limited by TCP Buffers -- Security Considerations for Intrinsic Monitoring within IPv6 Networks -- A Methodology of Traffic Engineering to IP Backbone -- A Network Optimization Model for Multi-layer IP/MPLS over OTN/DWDM Networks.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 9th IEEE Workshop on IP Operations and Management, IPOM 2009, held in Venice, Italy, on October 29-30, 2009, as part of the 5th International Week on Management of Networks and Services, Manweek 2009. The 12 revised full papers presented in this volume were carefully reviewed and selected from 35 submissions. The papers are organized in topical sections on management of quality of services and multimedia, network robustness, management of virtual networks, configuration of network resources and applications.

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