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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Information Models and Metrics -- On the Formalization of the Common Information Model Metaschema -- Ontology-Based Integration of Management Behaviour and Information Definitions Using SWRL and OWL -- On the Impact of Management on the Performance of a Managed System: A JMX-Based Management Case Study -- Security and Privacy -- Improving the Configuration Management of Large Network Security Systems -- An Architecture for Privacy-Aware Inter-domain Identity Management -- Data on Retention -- Policy-Based Management -- SLA Design from a Business Perspective -- Generic Policy Conflict Handling Using a priori Models --

An Approach to Understanding Policy Based on Autonomy and Voluntary Cooperation -- Deployment, Auditing and Tuning -- Towards Automated Deployment of Built-to-Order Systems -- A Generic Model and Architecture for Automated Auditing -- Utilization and SLO-Based Control for Dynamic Sizing of Resource Partitions -- Performance and Quality of Service -- A Decentralized Traffic Management Approach for Ambient Networks Environments -- Performability Analysis of an Adaptive-Rate Video-Streaming Service in End-to-End QoS Scenarios -- Design and Implementation of Performance Policies for SMS Systems -- Routing -- Detection and Diagnosis of Inter-AS Routing Anomalies by Cooperative Intelligent Agents -- Discovery of BGP MPLS VPNs -- Policy-Based Adaptive Routing in Autonomous WSNs -- Fault Management -- Decentralized Computation of Threshold Crossing Alerts -- Control Considerations for Scalable Event Processing -- Can Dynamic Provisioning and Rejuvenation Systems Coexist in Peace? -- Distributed Management -- A Hierarchical Architecture for a Distributed Management of P2P Networks and Services -- Enhancements to Policy Distribution for Control Flow and Looping.

## Sommario/riassunto

This volume of the Lecture Notes in Computer Science series contains all the papers accepted for presentation at the 16th IFIP/IEEE International Workshop on Distributed Systems: Operations and Management (DSOM 2005), which was held at the University Politècnica de Catalunya, Barcelona during October 24–26, 2005. DSOM 2005 was the sixteenth workshop in a series of annual workshops and it followed the footsteps of highly successful previous meetings, the most recent of which were held in Davis, USA (DSOM 2004), Heidelberg, Germany (DSOM 2003), Montreal, Canada (DSOM 2002), Nancy, France (DSOM 2001), and Austin, USA (DSOM 2000). The goal of the DSOM workshop is to bring together researchers in the areas of networks, systems, and services management, from both industry and academia, to discuss recent advances and foster future growth in this field. In contrast to the larger management symposia, such as IM (Integrated Management) and NOMS (Network Operations and Management Symposium), the DSOM workshops are organized as single-track programs in order to stimulate interaction among participants.