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Soggetti	Computer communication systems Software engineering Application software Management information systems Computer science Electrical engineering Computer Communication Networks Software Engineering Information Systems Applications (incl. Internet) Management of Computing and Information Systems Communications Engineering, Networks
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Architecture -- A Flexible IP Active Networks Architecture -- Active Networking Means Evolution (or Enhanced Extensibility Required) -- Active Networks Architecture Using Declarative Language -- Distributed Computations by Active Network Calls -- New Mechanisms for Extending PLAN Functionality in Active Networks -- An Architecture for Application Layer Routing -- A Reflective Active Network Node -- Self-Specializing Mobile Code for Adaptive Network Services -- The Active Process Interaction with Its Environment -- Multicast -- Data Transcoding in Multicast Sessions in Active Networks -- Performance of Active Multicast Congestion Control -- An Approach for Heterogeneous Video Multicast Using Active Networking -- ATOM - Active Totally

Ordered Multicast -- An Active Layered Multicast Adaptation Protocol
-- QoS -- Two Rule-Based Building-Block Architectures for Policy-Based Network Control -- Quality of Service and Active Networking on Virtual Router Topologies -- Enable QoS for Distributed Object Applications by ORB-Based Active Networking -- Active Concealment for Internet Speech Transmission -- Application -- Multi-tier Architecture for Service Creation, Deployment and Management -- Security in Programmable Network Infrastructures: The Integration of Network and Application Solutions -- Certificate Distribution with Local Autonomy -- Management -- Looking Inside an Active Network: The ANMOS Monitoring Tool -- Designing Policy Networking System Using Active Networks -- Dynamic Load-Balancing for Distributed Management in Active Networks -- Scalable Resource Control in Active Networks -- Service Architecture -- Differentiated Quality of Service in Application Layer Active Networks -- Server Load Balancing with Network Support: Active Anycast -- Demand Inquiring Service: A Network Service Based on Application Demands and Network Condition -- Mobile IP -- Enhancements to Mobile IP with Active Networks -- Mobile Active Overlay.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second International Working Conference on Active Networks, IWAN 200, held in Tokyo, Japan in October 2000. The 30 revised full papers presented were carefully reviewed and selected from numerous submissions. The book offers topical sections on architecture, multicast, quality of service (QoS), applications, management, service architecture, and mobile IP.
