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Nota di contenuto	Foreword -- Preface -- Acknowledgments -- List of Figures -- Chapter 1. Introduction -- Chapter 2. Policy Terminology -- Chapter 3. Policy Languages and Frameworks -- Chapter 4. Policy Conflict Detection and Resolution -- Chapter 5. Policy-Based Network Management -- Chapter 6. Configuration Management -- Chapter 7. Fault Management -- Chapter 8. Performance Management -- Chapter 9. Security Management -- Chapter 10. Concluding Remarks -- References -- Acronyms -- Index.
Sommario/riassunto	"This book should be immensely interesting to those trying to decide what MANET research is worth undertaking and why." -J. Christopher Ramming, Program Manager, Defense Advanced Research Projects Agency (DARPA) Strategic Technology Office A thorough, comprehensive treatment of mobile ad hoc network management Mobile ad hoc networking is a hot topic, gaining importance in both commercial and military arenas. Now that the basics in the field have settled and standards are emerging, the time is right for a book on management of these networks. From two experts in the field, Policy-

Driven Mobile Ad hoc Network Management provides comprehensive coverage of the management challenges associated with mobile ad hoc networks (MANETs) and includes an in-depth discussion of how policy-based network management can be used for increasing automation in the management of mobile ad hoc networks. This book provides readers with a complete understanding of mobile ad hoc network management and many related topics, including:

- Network management requirements for MANETs, with an emphasis on the differences between the management requirements for MANETs as compared to static, wireline networks
- The use of policies for managing MANETs to increase automation and to tie together management components via policies
- Policy conflict detection and resolution
- Aspects of MANETs that need to be configured and reconfigured at all layers of the protocol stack
- Methodologies for providing survivability in the face of both hard and soft failures in MANETs
- The components of a Quality of Service (QoS) management solution for MANETs based on the widely used Differentiated Services (DiffServ) paradigm
- Important open research issues in the area of MANET management

Policy-Driven Mobile Ad hoc Network Management is an ideal resource for professionals, researchers, and advanced graduate students in the field of IP network management who are interested in mobile ad hoc networks.

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