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Collana	Professional and Applied Computing Series
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Note generali	Description based upon print version of record. Includes index.
Nota di contenuto	Chapter 1: Introduction to Linux Administration -- Chapter 2: Managing User Accounts -- Chapter 3: Filesystem Management -- Chapter 4: Basic System Configuration -- Chapter 5: Package Management -- Chapter 6: Introduction to Shell Scripting -- Chapter 7: System Monitoring and Performance -- Chapter 8: Introduction to Security -- Chapter 9: Networking and Remote Access -- Chapter 10: Backup and Disaster Recovery.
Sommario/riassunto	As enterprises around the globe rely increasingly on Linux servers, understanding the basics of managing these systems effectively is more relevant than ever. This book provides a thorough introduction to Linux system administration, exploring the foundational terms and concepts needed for modern IT system administrators. You'll start with the fundamentals of Linux and its ecosystem, looking at Linux distributions, tools, and concepts before moving on to user accounts, filesystem management, and configuration. Once you have aced these rudimentary elements, you'll explore Shell scripting and learn how to write and execute simple code scripts. The book then, explores

concepts like system monitoring and performance, common Linux testing, security tools, and best practices. You'll finish by looking at networking and remote access, configuration and VPNs, as well as disaster recovery, including backup strategies, automation, and executing data recovery. Beginning Linux SysAdmin is your pathway to everything from initial system setup and configuration to basic security and troubleshooting techniques. You will: Install and configure a Linux system Manage users, groups, and permissions effectively Monitor, secure, and maintain system performance Troubleshoot basic issues in Linux environments Automate routine tasks using shell scripting.
