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Nota di contenuto	Installing and Administering Linux Second Edition; Contents; Introduction; Acknowledgments; About the Authors; Chapter 1 Linux Origins; A Brief History of UNIX; History of Linux; Linux Features; Chapter 2 Installing Linux from a CD-ROM; Installing Linux on an IDE System; Initiating a Linux Installation; Chapter 3 Getting Started Using the Linux System; Logging In and Out; Creating User Accounts and Passwords; Command Syntax; Online Information for Linux and UNIX Commands; Viewing the Date: date and cal Commands; Requesting Data on Logged-In Users; Sending and Receiving Mail: mail Command; Sending Messages to the Screen: write and wall Commands; Conversing Online: The talk Command; Blocking Messages and Conversations: The mesg Command; Additional Tools: clear, echo, banner, and wc Commands; Exercises; Quiz; Chapter 4 Files and Directories in Linux; File System Structure and Hierarchy; Navigating the Directory Structure; Managing Directories; Formatting and Accessing Floppy Disks; Exercises; Quiz; Chapter 5 Using Files in Linux; Files and Directories: A Quick Review; Linux Filename Guidelines; Creating and Updating Files: The touch Command; Linking Files: The ln Command; Viewing File Contents; Copying, Moving, and Deleting Files; The mtools

Utilities; Printing Files: The lpr, lpq, and lprm Commands; Exercises; Quiz; Chapter 6 Linux File Permissions; Review of the ls -l Command; Permissions; Creating Personal Directories; Samples of Commands and Their Required Permissions; Exercises; Quiz; Chapter 7 Shell Basics; The Linux/UNIX Shells; Types of Linux/UNIX Shells; Command-Line Parsing; Metacharacters and Wildcards; Quoting Metacharacters to Disable Shell Interpretation; Standard Files: Redirection and Piping; Connecting Commands with Pipes
Command Grouping with SemicolonsLine Continuation with the Backslash; Shell History Commands; Exercises; Quiz; Chapter 8 Basic Linux Utilities; Searching Directories for Files: The find Command; Locating Commands: whatis, whereis, and which Commands; Locating Data within a File: grep Command; Sorting Output: The sort Command; Displaying Parts of Files: The head and tail Commands; Exercises; Quiz; Chapter 9 Advanced Linux Utilities; Maximizing Work per Command: xargs; Linux/UNIX Shortcut: The alias Command; Comparing find Functions and Shell Functions; Determining File Types: The file Command
Comparing Text Files: The diff CommandComparing All Types of Files: The cmp Command; Compressing Files: The gzip, gunzip, and zcat Commands; Displaying Nonprintable Characters: The cat Command Options; Assigning Unique Filenames: Appending Information; Exercises; Quiz; Chapter 10 The vi Editor; An Introduction to vi; Starting vi; Exiting vi; Adding Text in Insert Mode; Manipulating Text in Command Mode; Options for Changing vi Functions; Entering and Editing Commands at the Command Line; Invoking Text Editor Features at the Command Line; Related vi Editors; Exercises; Quiz
Chapter 11 Shell Variables and the User Environment

Sommario/riassunto

An indispensable working resource for IT professionals moving to Linux-based network systemsThis new edition of Linda and Al McKinnon's book satisfies a long-standing need among IT professionals for a comprehensive guide to installing and administering Linux-topics usually covered in a more superficial manner as parts of larger Linux references. In addition to providing complete step-by-step installation instructions, this fast-paced guide shows readers how to perform all essential administrative tasks, including creating users and passwords, managing files and directories, and customizing
