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Autore	Smith Roderick W
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Nota di contenuto	Linux+ Study Guide, Third Edition; Front matter; Acknowledgments; Contents at a Glance; Contents; Introduction; Assessment Test; Answers to Assessment Test; Chapter 1: Linux Installation; Evaluating Computer Requirements; Workstations; Servers; Dedicated Appliances; Special Needs; Deciding What Hardware to Use; A Rundown of PC Hardware; CPU; RAM; Hard Disk Space; Network Hardware; Video Hardware; Miscellaneous Hardware; Determining Software Needs; A Rundown of Linux Distributions; Common Workstation Programs; Common Server Programs; Useful Software on Any System Validating Software Requirements Planning Disk Partitioning; The PC Partitioning System; Linux Partition Requirements; Common Optional Partitions; Linux Filesystem Options; Partitioning Tools; Selecting an Installation Method; Media Options; Methods of Interaction during Installation; Installing Linux; Configuring Boot Loaders; The Role of the Boot Loader; Available Boot Loaders; Post-Installation X Configuration; Selecting an X Server; Configuring X; Summary; Exam Essentials; Commands in This Chapter; Review Questions; Answers to Review Questions; Chapter 2: Text-Mode Commands Basic Command Shell Use Starting a Shell; Viewing Files and Directories; Launching Programs; Using Shell Shortcuts; File Manipulation

Commands; Navigating the Linux Filesystem; Manipulating Files; Manipulating Directories; Locating Files; Examining Files| Contents; Redirection and Pipes; File Permissions; Account and Ownership Basics; File Access Permissions; Changing File Ownership and Permissions; Setting Default Permissions; Using ACL's; Editing Files with Vi; Vi Modes; Basic Text-Editing Procedures; Saving Changes; Using sed and awk; Setting Environment Variables
Where to Set Environment Variables The Meanings of Common Environment Variables; Basic Shell Scripting; Beginning a Shell Script; Using External Commands; Using Variables; Using Conditional Expressions; Summary; Exam Essentials; Commands in This Chapter; Review Questions; Answers to Review Questions; Chapter 3: User Management; Linux Multiuser Concepts; User Accounts: The Core of a Multiuser System; Groups: Linking Users Together for Productivity; Mapping UIDs and GIDs to Users and Groups; The Importance of Home Directories; Configuring User Accounts; Adding Users; Modifying User Accounts
Deleting Accounts Configuring Groups; Adding Groups; Modifying Group Information; Deleting Groups; Common User and Group Strategies; The User Private Group; Project Groups; Multiple Group Membership; Account Security; Enforcing User Password Security; Steps for Reducing the Risk of Compromised Passwords; Disabling Unused Accounts; Using Shadow Passwords; Controlling System Access; Accessing Common Servers; Controlling root Access; Setting Filesystem Quotas; Summary; Exam Essentials; Commands in This Chapter; Review Questions; Answers to Review Questions; Chapter 4: Disk Management Storage Hardware Identification

Sommario/riassunto

Here's the book you need to prepare for Comp TIA's updated Linux+ exam, #XK0-002. This Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the reputation as the leading publisher for certification self-study guides, this book provides: Clear and concise information on setting up and administering a Linux system Practical examples and insights drawn from real-world experience Leading-edge exam preparation software, including a Windows- and Linux-comp
