Linux Guide To Linux Certification 3rd Ed

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learning throughout the book appropriate command prompts are employed to identify the lab system and user to run a command each command and task presented in the book was actually performed and tested on lab systems followed by the lab environment setup in part one the book presents the essentials of linux incl interaction with linux basic commands file management permissions ownership linking searching special permissions editing filter programs regex shell features and process handling subsequent topics focus on system administration incl shared libraries debian and rpm package management system boot and initialization hardware management kernel modules storage partitioning file system creation and repairs quota handling and swap space administration this brings part one to an end and you should be able to take the quiz in appendix a to test your readiness for the lx0 103 101 400 exam part two covers all the objectives for the lx0 104 102 400 exam it covers shell scripts with a presentation and line by line analysis of several scripts building a simple sql database and performing queries comes next a detailed comprehension of local authentication files user creation password aging and shell startup files follows the book covers networking concepts reference models and terms that accompany exercises on interface configuration hostname change and route management a discussion of network testing and debugging tools is furnished and their usage is demonstrated followed by topics on internationalization localization time synchronization name resolution x window display desktop managers accessibility options printer and print queue administration task scheduling system logging system and service access controls emailing and email aliasing searching for special files and so on this brings part two to an end and you should be able to take the quiz in appendix c to test your readiness for the lx0 104 102 400 exam highlights 100 coverage of all official exam objectives version 4 0 enumerated and descriptive knowledge areas under exam objectives to assist in identifying and locating them a summarized and convenient view showing exam objectives chapters they are discussed in associated weights the number of questions to expect on the real exam and other useful information separate section on each exam 15 chapters in total 8 for lx0 103 101 400 and 7 for lx0 104 102 400 detailed guidance on building lab environment 49 tested hands on exercises with explanation numerous tested practical examples for clarity and understanding chapter end one sentence review of key topics 790 single response multiple response and fill in the blank practice questions answers to test your knowledge of the material and exam readiness equally good for self study and in

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guide to linux installation and administration second edition is a hands on practical guide that can be used to master installing and administering linux in preparation for taking linux certification exams from lpi and sair gnu this book begins by introducing operating system concepts with a brief history of linux and the free software movement then moves into user oriented tasks such as logging in using the graphical interface and navigating the file system from a command line or graphical file manager later chapters cover tasks such as user account management file system setup and management backup strategies and basic shell scripting throughout the book each topic is supported by thorough explanations and real world examples review questions hands on projects and extensive case projects

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newly revised edition of the study guide for the installation and configuration part of the linux certification exam all major distributions of linux are addressed along with theory of operation base system shells and commands system services applications and troubleshooting this new edition also incorporates the latest lab exercises and sample questions from the lca exam with the rest of the series addressing system administration networking and security this is an indispensable resource for it and networking professionals who must demonstrate linux expertise amid the skyrocketing popularity of linux and gnu enterprise solutions worldwide

according to crn linux will be the number one fastest growing it certification in the next year

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