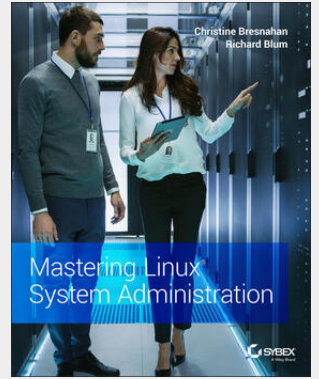Bresnahan / Blum

Mastering Linux System Administration

Achieve Linux system administration mastery with time-tested and proven techniques In Mastering Linux System Administration, Linux experts and system administrators Christine Bresnahan and Richard Blum deliver a comprehensive roadmap to go from Linux beginner to expert Linux system administrator with a learning-by-doing approach. Organized by do-it-yourself tasks, the book includes instructor materials like a sample syllabus, additional review questions, and slide decks. Amongst the practical applications of the Linux operating system included within, you'll find detailed and easy-to-follow instruction on: * Installing Linux servers, understanding the boot and initialization processes, managing hardware, and working with networks * Accessing the Linux command line, working with the virtual directory structure, and creating shell scripts to automate administrative tasks * Managing Linux user accounts, system security, web and database servers, and virtualization environments Perfect for entry-level Linux system administrators, as well as system administrators familiar with Windows, Mac, NetWare, or other UNIX systems, Mastering Linux System Administration is a must-read guide to manage and secure Linux servers.

Achieve Linux System Administration Mastery With This Hands-On Guide Whether you're already a Linux system administrator or just learning the ropes, Mastering Linux(r) System Administration gives you a comprehensive roadmap to Linux proficiency. An expert author team delivers a learning-by-doing approach to Linux system administration, offering do-it-yourself tasks and detailed, easy-to-follow instructions. Included instructor materials provide readers with a sample syllabus, additional review questions, and slide decks for classroom use. The book prepares you to manage and secure Linux servers on private networks and over the Internet and is ideal for entry-level administrators as well as those familiar with Windows, Mac, NetWare, and other UNIX servers. Coverage includes: * Understanding the components of Linux servers * Navigating file management and storage on a Linux system * Adding a computer to a Linux network * Using the command line to create, move, delete, and archive files * Turning commands into scripts and using the command line editor * Identifying user types and creating users and groups * Setting permissions and ownership and creating special directories * Securing Linux systems on public and private networks * Encrypting connections to Linux systems over a network * Installing and managing Web and Database servers Understand the Kernel, Interface, and GNU Install Ubuntu and Red Hat Servers Install and Maintain Linux Software Work With The Linux Shell Manage and Explore Files in Linux

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