

HELLO LINUX!™

A Comprehensive Hands-On Course™

In this book you will begin by learning basic Linux concepts that gradually build to provide the essential technical skills required for today's marketplace. By working through the 300 pages of clear, step-by-step, hands-on exercises, you will learn all of the fundamental Linux concepts and gain the real life practical experience required to:

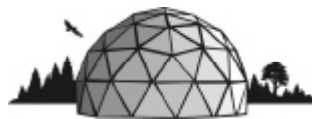
- Install the Linux OS and GNU software components
- Work with the GNOME and KDE desktops
- Understand and configure the X Window System
- Master all of the essential Linux commands
- Use the help system and various methods of obtaining support
- Run programs in multiple virtual terminals and terminal emulation windows
- Modify the PATH and shell configuration files
- Navigate and manage the filesystem
- Create and add partitions to the filesystem
- Set up the LPRng and CUPS printing environments
- Understand the boot process and the effects of changing runlevels
- Configure the initialization of system services
- View and control the processes in memory
- Locate and interpret system log files for troubleshooting and support
- Schedule unattended tasks with cron and anacron
- Manage users and groups, specify permissions and change attributes
- Determine backup methods, media, strategies and procedures
- Use the vi editor to modify configuration files and edit shell scripts
- Create scripts that utilize control structures and conditional expressions
- Understand networking concepts, commands and IP addressing
- Install and access various servers, including CUPS, NFS and Apache
- Install, update and remove RPM software packages
- Compile and install programs from source code
- View, insert and remove loadable modules
- Configure, compile and install the kernel
- And much more!

Includes section review questions that reinforce important concepts and assist in building long-term comprehension.

Ideal for Self-paced or Instructor-led environments, as well as an indispensable technical reference.



3 CD-ROMs
2 Linux OS
and 1 Lab Data



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