

– General Linux 2 Overview –

(Linux Professional Institute Certification)

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\$Id: gl2-overview.tex,v 1.3 2003/05/30 06:04:44 waratah Exp \$

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Six LPIC Exams

- **Level 1—General Linux**
 - 101 General Linux Part 1
 - **102 General Linux Part 2**
- **Level 2—Advanced Linux**
 - 201 Advanced Linux Administration
 - 202 Linux Networking Administration
- **Level 3—Advanced Electives (do any 2)**
 - 321 Windows Integration
 - 322 Internet Server
 - 323 Database Server
 - 324 Security, Firewalls and Encryption
 - 325 Kernel Drivers and Packages
 - 32? TBA in 2002

LPIC Level 1 Certification

All current LPI exams use computer-based tests administered through VUE. Each exam costs \$100 (US dollars) and the current outline is for there to be two exams at each level. Also available through Prometric

- Suitable tasks:
 - can work at the Unix command line
 - performs easy maintenance tasks: help out users, add users to a larger system, backup & restore, shutdown & reboot
 - can install and configure a work station (incl. X) and connect it to the LAN, or a stand-alone PC via modem to the Internet.
- Note:
 - This is somewhat heavier than the SAGE "Novice" level: we aim beyond the power-user & helpdesk level. It is about at the "prerequisites" level of the RedHat training program.

Books—LPIC General Linux 2 specific

- LPI Linux Certification in a Nutshell
by Jeffrey Dean
O'REILLY
- LPIC 1 Certification Bible
by Angie Nash and Jason Nash
Hungry Minds
- Prep Kit General Linux 2
by Theresa Hadden Martinez
QUE
- General Linux 2
by
- LINUX Rute Users Tutorial and Exposition
by Paul Sheer
Prentice Hall

Books—LPIC General Linux 2 nonspecific

- RHCE Certification
by
- LINUX Administration Handbook
by Evi Nemeth, Garth Snyder, Trent R. Hein
Prentice Hall
- Sair Linux Certification
by
- Linux
by Marcell Garcia
- Running Linux *by*
O'REILLY

LPI General Linux 2— Subject Areas

- **1.101 Hardware & Architecture (1.1)**
- **1.102 Linux Installation & Package Management (2.2)**
- 1.103 GNU & Unix Commands (1.3)
- 1.104 Devices, Linux Filesystems, Filesystem Hierarchy Std. (2.4)
- **1.105 Kernel (1.5)**
- 1.106 Boot, Initialisation, Shutdown, Runlevels (2.6)
- **1.107 Printing (1.7)**
- **1.108 Documentation (1.8)**
- **1.109 Shells, Scripting, Programming, Compiling (1.9)**
- **1.110 X (2.10)**
- 1.111 Administrative Tasks (2.11)
- **1.112 Networking Fundamentals (1.12)**
- **1.113 Networking Applications (1.13)**
- **1.114 Security (1.14)**

LPI Advanced Linux—Subject Areas

- 2.201: Kernel (0)
- 2.202: System Startup (0)
- 2.203: Filesystem (0)
- 2.204: Hardware (0)
- 2.205: Network (0)
- 2.206: Mail & News (0)
- 2.207: DNS (0)
- 2.208: Web Servers (0)
- 2.209: File & Service Sharing (0)
- 2.210: Network Client Management (0)
- 2.211: System Maintenance (0)
- 2.212: System Security (0)
- 2.213: System Customisation & Automation (0)
- 2.214: Troubleshooting (0)

LPI General Linux 2—Subject Areas

- 1.101 Hardware & Architecture (1.1)
- 1.102 Linux Installation & Package Management (2.2)
- 1.105 Kernel (1.5)
- 1.107 Printing (1.7)
- 1.108 Documentation (1.8)
- 1.109 Shells, Scripting, Programming, Compiling (1.9)
- 1.110 X (2.10)
- 1.112 Networking Fundamentals (1.12)
- 1.113 Networking Applications (1.13)
- 1.114 Security (1.14)

Program Objective Management System

See the LPI POMS Quick Start Guide at

<http://www.lpi.org/cgi-bin/poms.py>

- on the one side we have the Exams (1,2 etc),
- on the other we have topic Areas (1 to 14);
- A cell in the matrix we call a Topic,
- and a Topic contains several related Objectives.

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