

– General Linux 2 Overview –

(Linux Professional Institute Certification)

a

```
.~.  
/V\      by: geoffrey robertson  
//  \\  
@._.@      geoffrey@zip.com.au
```

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

^aCopyright © 2002 Geoffrey Robertson. Permission is granted to make and distribute verbatim copies or modified versions of this document provided that this copyright notice and this permission notice are preserved on all copies under the terms of the GNU General Public License as published by the Free Software Foundation—either version 2 of the License or (at your option) any later version.

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.

Linux Professional Institute <http://www.lpi.org>



Professional Certification for the Linux Community

[Getting Certified](#)

[The LPI Program](#)



[Getting Involved](#)

[About LPI](#)

Linux Professional Institute

[Why LPI Certification](#)



- [The LPI News](#)
- [IBM: LPI certification 101 exam prep](#)
- [LPI Approved Training Materials Program](#)
- [LPI Establishes International Affiliate Policy](#)
- [LPI Delivers +1000 Exams per Month!](#)
- [CeBIT Show Testing](#)
- [Special Upgrade Program for SAIR LCA's](#)
- [Major Announcements Due @ LinuxWorld Trade Show](#)
- [LPI-News - January 2002](#)
- [LPI Testing @LinuxWorld, NY](#)
- [LPI-News December 2001](#)

[\[Getting Certified \]](#) [\[Getting Involved \]](#) [\[The LPI Program \]](#) [\[About LPI \]](#)
[\[LPI News \]](#)

Platinum Sponsors:



Copyright © 1999, 2000, 2001, 2002 Linux Professional Institute. All rights reserved.
The LPI logo is a trademark of LPI.

Last Modified \$Date: 2001/06/29 17:03:21 \$

Linux Professional Institute <http://www.lpi.org>



Getting Certified
Getting Involved
The LPI Program
About LPI

Getting Involved

- [Join Our Mailing Lists](#)
- [Contribute Items Using TIPS](#)
- [Become a Financial Sponsor](#)
- [Participate In Upcoming Events](#)
- [Get Involved with our Community Projects](#)
- [Apply for Jobs and Volunteer Positions](#)
- [Become a Test Center](#)
- [Work with affiliated groups](#)

[\[TOP OF PAGE \]](#)

[\[LPI Home \]](#) [\[Getting Certified \]](#) [\[Getting Involved \]](#) [\[The LPI Program \]](#) [\[About LPI \]](#)

Copyright© 1999, 2000, 2001, 2002 Linux Professional Institute Inc.

All Rights Reserved

[license terms](#)

[contact us](#)

Modification \$Date: 2002/01/07 03:16:53 \$

Linux Professional Institute <http://www.lpi.org>



Professional Certification for the Linux Community

[Getting Certified](#)

[The LPI Program](#)



[Getting Involved](#)

[About LPI](#)

Linux Professional Institute

[Why LPI Certification](#)



- [The LPI News](#)
- [IBM: LPI certification 101 exam prep](#)
- [LPI Approved Training Materials Program](#)
- [LPI Establishes International Affiliate Policy](#)
- [LPI Delivers +1000 Exams per Month!](#)
- [CeBIT Show Testing](#)
- [Special Upgrade Program for SAIR LCA's](#)
- [Major Announcements Due @ LinuxWorld Trade Show](#)
- [LPI-News - January 2002](#)
- [LPI Testing @LinuxWorld, NY](#)
- [LPI-News December 2001](#)

[\[Getting Certified \]](#) [\[Getting Involved \]](#) [\[The LPI Program \]](#) [\[About LPI \]](#)
[\[LPI News \]](#)

Platinum Sponsors:



Copyright © 1999, 2000, 2001, 2002 Linux Professional Institute. All rights reserved.
The LPI logo is a trademark of LPI.
Last Modified \$Date: 2001/06/29 17:03:21 \$

Linux Professional Institute <http://www.lpi.org>



Professional Certification for the Linux Community

[Getting Certified](#)

[The LPI Program](#)



[Getting Involved](#)

[About LPI](#)

Linux Professional Institute

[Why LPI Certification](#)



- [The LPI News](#)
- [IBM: LPI certification 101 exam prep](#)
- [LPI Approved Training Materials Program](#)
- [LPI Establishes International Affiliate Policy](#)
- [LPI Delivers +1000 Exams per Month!](#)
- [CeBIT Show Testing](#)
- [Special Upgrade Program for SAIR LCA's](#)
- [Major Announcements Due @ LinuxWorld Trade Show](#)
- [LPI-News - January 2002](#)
- [LPI Testing @LinuxWorld, NY](#)
- [LPI-News December 2001](#)

[\[Getting Certified \]](#) [\[Getting Involved \]](#) [\[The LPI Program \]](#) [\[About LPI \]](#)
[\[LPI News \]](#)

Platinum Sponsors:



Copyright © 1999, 2000, 2001, 2002 Linux Professional Institute. All rights reserved.
The LPI logo is a trademark of LPI.
Last Modified \$Date: 2001/06/29 17:03:21 \$

