

Linux Samba Server Administration Craig Hunt Linux Library

Linux® is being adopted by an increasing number of embedded systems developers, who have been won over by its sophisticated scheduling and networking, its cost-free license, its open development model, and the support offered by rich and powerful programming tools. While there is a great deal of hype surrounding the use of Linux in embedded systems, there is not a lot of practical

information. Building Embedded Linux Systems is the first in-depth, hard-core guide to putting together an embedded system based on the Linux kernel. This indispensable book features arcane and previously undocumented procedures for: Building your own GNU development toolchain Using an efficient embedded development framework Selecting, configuring, building, and installing a target-specific kernel Creating a complete target root filesystem Setting up, manipulating, and using solid-

state storage devices

**Installing and configuring a
bootloader for the target Cross-
compiling a slew of utilities
and packages Debugging your
embedded system using a
plethora of tools and
techniques Details are
provided for various target
architectures and hardware
configurations, including a
thorough review of Linux's
support for embedded
hardware. All explanations rely
on the use of open source and
free software packages. By
presenting how to build the
operating system components
from pristine sources and how**

to find more documentation or help, this book greatly simplifies the task of keeping complete control over one's embedded operating system, whether it be for technical or sound financial reasons. Author Karim Yaghmour, a well-known designer and speaker who is responsible for the Linux Trace Toolkit, starts by discussing the strengths and weaknesses of Linux as an embedded operating system. Licensing issues are included, followed by a discussion of the basics of building embedded Linux systems. The

configuration, setup, and use of over forty different open source and free software packages commonly used in embedded Linux systems are also covered. uClibc, BusyBox, U-Boot, OpenSSH, tftpd, tftp, strace, and gdb are among the packages discussed.

Explores computer security, discussing networks, Internet, Web sites, e-commerce, firewalls, detection, and prevention.

With more than 40 percent of the purchase-based server market, Apache is renowned as the most powerful and

capable Web server available--and the toughest to master. In this detailed guide, expert Linux professional and Webmaster Charles Aulds tackles the issues that Linux administrators and Webmasters need to know to build stable and hackproof Web servers for intranet, extranet, and Web use. Includes in-depth treatment of configuring, maintaining, and troubleshooting Apache in the real world. Linux Apache Web Server Administration is the most complete, most advanced guide to the Apache Web server you'll find

anywhere. This book teaches you, step-by-step, all the standard and advanced techniques you need to know to administer Apache on a Linux box. Hundreds of clear, consistent examples illustrate these techniques in detail—so you stay on track and accomplish all your goals.

Coverage includes:

Understanding HTTP basics

Compiling Apache from

source code Installing Apache

on a Linux system Creating

and hosting virtual Web sites

Using Server Side Includes to

create Web pages with

dynamic content Using

**Apache directives to configure
your site Extending Apache
using add-on modules Using
the Common Gateway
Interface for Web
programming Enhancing the
performance of CGI programs
with FastCGI and mod_perl
Installing Apache support for
PHP Extending Apache to run
Java servlets or Java Server
Pages Attaching Apache to a
database server Using URL
rewriting for increased request-
handling flexibility
Implementing user
authentication Adding Secure
Sockets Layer for enhanced
system security Customizing**

**Apache's log formats About
the Library The Craig Hunt
Linux Library is an eight-book
set that provides in-depth,
advanced coverage of the key
topics for Linux
administrators. Topics include
Samba, System
Administration, Sendmail,
Apache, NFS and
Automounter, and Linux
Security. Each book in the
library is either written by or
meticulously reviewed by
Craig Hunt to ensure the
highest quality and most
complete coverage for
networking professionals
working specifically in Linux**

environments.

This soup-to-nuts collection of recipes covers everything you need to know to perform your job as a Linux network administrator, whether you're new to the job or have years of experience. With Linux Networking Cookbook, you'll dive straight into the gnarly hands-on work of building and maintaining a computer network. Running a network doesn't mean you have all the answers. Networking is a complex subject with reams of reference material that's difficult to keep straight, much less remember. If you want a

book that lays out the steps for specific tasks, that clearly explains the commands and configurations, and does not tax your patience with endless ramblings and meanderings into theory and obscure RFCs, this is the book for you. You will find recipes for: Building a gateway, firewall, and wireless access point on a Linux network Building a VoIP server with Asterisk Secure remote administration with SSH Building secure VPNs with OpenVPN, and a Linux PPTP VPN server Single sign-on with Samba for mixed Linux/Windows LANs

Centralized network directory with OpenLDAP Network monitoring with Nagios or MRTG Getting acquainted with IPv6 Setting up hands-free networks installations of new systems Linux system administration via serial console And a lot more. Each recipe includes a clear, hands-on solution with tested code, plus a discussion on why it works. When you need to solve a network problem without delay, and don't have the time or patience to comb through reference books or the Web for answers, Linux Networking Cookbook gives

you exactly what you need.

Practical Migration from x86 to

Linux on IBM System z

Beginning Unix

Linux Apache Web Server

Administration

The Tiny Adaptable Linux that

Runs on Anything

LPI Linux Certification in a

Nutshell

Linux Network Servers

The Craig Hunt Linux Library

provides the advanced

information that Linux

professionals and systems

administrators need to keep

their Linux servers up and

running at maximum

efficiency. Developed by

noted Linux and TCP/IP guru

Online Library Linux Samba Server Administration Craig Hunt Linux Library

Craig Hunt and written by acknowledged Linux experts, these books dig deeper into each of the eight key Linux topics -- Samba, Apache, DHCP, NFS and Automounter, Sendmail, DNS, security, and system administration -- than any other book on the market. -- Erez Zadok, creator of the latest release of Automounter Daemon (Amd) pens this comprehensive look inside the most popular Linux/Unix distributed file system. -- Learn how to install and configure Amd and NFS for optimum speed and reliability. -- This addition to the popular Craig Hunt Linux Library

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Hunt Linux Library

gives you an in-depth look at troubleshooting NFS access problems, server-side and client security, plus using the Automounter query tool (Amq).

This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration).

Linux+ is a certification developed by the Computer Technology Industry Association (CompTIA) in response to demands for a skills assessment mechanism

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Hunt Linux Library
for Linux system

administrators. This text is aimed at individuals preparing for the Linux+ exam.

"Most Indispensable Linux Book" --2001 Linux Journal Readers Choice Awards
Authoritative Answers to All Your Linux Questions You can rely on the fully updated second edition of Linux System Administration for answers to all your questions about installing, configuring, and administering Linux. Written by two Linux experts, this book teaches you, step-by-step, all the standard and advanced techniques you need to know to set up and

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maintain a secure, effective Linux environment. Scores of clear, consistent examples illustrate these techniques in detail--so you stay on track and accomplish all your goals. Coverage includes:

- * Installing a Linux server
- * Setting up and maintaining user and group accounts
- * Setting up Linux system security
- * Sharing files using Samba and NFS
- * Implementing a backup strategy
- * Troubleshooting common Linux problems
- * Setting up the X Window System
- * Setting up TCP/IP and connecting to the Internet
- * Setting up a mail server
- * Maintaining filesystems and partitions

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Configuring printers *

Improving system performance

* Writing shell scripts *

Using Webmin for cross-
distribution GUI

administration The Craig

Hunt Linux Library The Craig

Hunt Linux Library provides

in-depth, advanced coverage

of the key topics for Linux

administrators. Topics

include Samba, Network

Servers, DNS Server

Administration, Apache,

Security, and Sendmail. Each

book in the series is either

written by or meticulously

reviewed by Craig Hunt to

ensure the highest quality

and most complete coverage

for networking professionals

working specifically in

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Hunt Linux Library

Linux environments.

Help for Unix System

Administrators

Practical Exercises to

Successful Deployment

Linux for

Windows?Administrators

Mastering Kylix 2

Linux Server Security

*Aimed at practising
system administrators,
this is a comprehensive
guide to the setting up
and running of a TCP/IP
network. Craig Hunt
discusses Internet
routing protocols, and
presents a tutorial on
configuring important*

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Server Administration Craig
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network services.

Step-by-Step

*Instructions Show You
How to Supercharge Your
Linux System Wondering
if it's possible to work
more efficiently in the
X Window System, or
squeeze more oomph from
your existing hardware?
Or perhaps you're
searching for a way to
improve your web
browser's performance,
or want to know how to
choose the best mail
server for your needs.
If you've mastered the
basics and are itching*

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*to go beyond, Linux Power Tools can take you there. Spanning a broad range of topics (from ALSA to zombies), Linux Power Tools covers the top five Linux distributions (Debian, Mandrake, Red Hat, Slackware, and SuSE). Using his easy-to-follow style, Linux expert Rod Smith shares his secrets for creating the optimum Linux system, from top to bottom. Coverage includes: * Optimizing Hardware * Creating the Perfect GUI Environment*

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Server Administration Craig
Hunt Linux Library

** Using Digital Image
Tools * Fine-tuning the
X Window System * Doing
Real Work in Text Mode *
Using Multiple Operating
Systems * Managing
Packages Efficiently *
Optimizing Your
Filesystem * Improving
Network Performance *
Preventing and Detecting
Intrusions * Getting the
Most From Your Web
Server * Blocking That
Obnoxious Spam Mail
Essential System
Administration, 3rd
Edition is the
definitive guide for*

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Unix system

administration, covering all the fundamental and essential tasks required to run such divergent Unix systems as AIX, FreeBSD, HP-UX, Linux, Solaris, Tru64 and more.

Essential System

Administration provides a clear, concise, practical guide to the real-world issues that anyone responsible for a Unix system faces daily. The new edition of this indispensable reference has been fully updated for all the

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latest operating systems. Even more importantly, it has been extensively revised and expanded to consider the current system administrative topics that administrators need most. Essential System Administration, 3rd Edition covers: DHCP, USB devices, the latest automation tools, SNMP and network management, LDAP, PAM, and recent security tools and techniques. Essential System Administration is comprehensive. But what

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has made this book the
guide system
administrators turn to
over and over again is
not just the sheer
volume of valuable
information it provides,
but the clear, useful
way the information is
presented. It discusses
the underlying higher-
level concepts, but it
also provides the
details of the
procedures needed to
carry them out. It is
not organized around the
features of the Unix
operating system, but

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around the various facets of a system administrator's job. It describes all the usual administrative tools that Unix provides, but it also shows how to use them intelligently and efficiently. Whether you use a standalone Unix system, routinely provide administrative support for a larger shared system, or just want an understanding of basic administrative functions, Essential System Administration is for you. This

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*comprehensive and
invaluable book combines
the author's years of
practical experience
with technical expertise
to help you manage Unix
systems as productively
and painlessly as
possible.*

*RHCE: Red Hat Certified
Engineer Exam Notes
provides the fastest and
most effective way to
make sure you're ready
to pass the Red Hat
Certified Engineer exam.
The unique, innovative
Exam Notes approach
helps you gain and*

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retain the knowledge you need, study point by study point Critical Information sections provide detailed analyses of the key issues for each study point Necessary Procedures sections cover the nuts and bolts of each topic with concise step-by-step instructions. Exam Essentials sections highlight crucial subject areas you'll need to know for the exam. Key Terms and Concepts sections define

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*the words and concepts
vital to passing the
exam. Sample Questions
sections preview the
types of questions found
in the exam and give
answers and
explanations.*

Running Linux

Linux Power Tools

*Linux Samba Server
Administration.*

*RHCE: Red Hat Certified
Engineer Exam Notes*

Linux NFS and

Automounter

Administration

Linux Networking

Cookbook

**Linux Samba Server
Administration Craig Hunt
Linux Library John Wiley &
Sons**

Build Dynamic, Database-Driven Web Sites PHP is a fully developed, server-side embedded scripting language, and its importance for web application development has grown with the rise of the Apache web server. Are you a novice programmer? This book starts with the basics and takes you wherever you want to go. A seasoned pro? You'll be amazed at how much you can capitalize on PHP's power and object-oriented

support, and how it leverages your knowledge of other languages. Finally, if you're a PHP user in search of an authoritative reference, you need look no further.

Mastering PHP 4.1 guides you through all levels of real-world web programming problems and provides expert advice on which solutions work best.

Coverage Includes: Reading and writing files Validating data with regular expressions

Accessing MySQL and PostgreSQL databases

Accessing LDAP servers

Generating images and PDF documents on the fly Building

authentication and access-control systems Sending e-mail and building web-to-e-mail interfaces Creating your own classes Closing common security holes in PHP scripts Parsing and generating XML documents Using sessions to store persistent data Debugging misbehaving scripts Encrypting and decrypting sensitive data Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This complete guide to setting up and running a TCP/IP network is essential for

network administrators, and invaluable for users of home systems that access the Internet. The book starts with the fundamentals -- what protocols do and how they work, how addresses and routing are used to move data through the network, how to set up your network connection -- and then covers, in detail, everything you need to know to exchange information via the Internet. Included are discussions on advanced routing protocols (RIPv2, OSPF, and BGP) and the gated software package that

implements them, a tutorial on configuring important network services -- including DNS, Apache, sendmail, Samba, PPP, and DHCP -- as well as expanded chapters on troubleshooting and security. TCP/IP Network Administration is also a command and syntax reference for important packages such as gated, pppd, named, dhcpcd, and sendmail. With coverage that includes Linux, Solaris, BSD, and System V TCP/IP implementations, the third edition contains: Overview of TCP/IP Delivering the data Network services Getting

started
M Basic configuration
Configuring the interface
Configuring routing
Configuring DNS
Configuring network servers
Configuring sendmail
Configuring Apache
Network security
Troubleshooting
Appendices
include dip, ppd, and chat
reference, a gated reference, a
dhcpd reference, and a
sendmail reference
This new
edition includes ways of
configuring Samba to provide
file and print sharing on
networks that integrate Unix
and Windows, and a new
chapter is dedicated to the
important task of configuring

the Apache web server.

Coverage of network security now includes details on OpenSSH, stunnel, gpg, iptables, and the access control mechanism in xinetd. Plus, the book offers updated information about DNS, including details on BIND 8 and BIND 9, the role of classless IP addressing and network prefixes, and the changing role of registrars. Without a doubt, TCP/IP Network Administration, 3rd Edition is a must-have for all network administrators and anyone who deals with a network that

transmits data over the Internet.

This book is the comprehensive guide to Samba administration, officially adopted by the Samba Team. Wondering how to integrate Samba's authentication with that of a Windows domain? How to get Samba to serve Microsoft Dfs shares? How to share files on Mac OS X? These and a dozen other issues of interest to system administrators are covered. A whole chapter is dedicated to troubleshooting! The range of this book knows few bounds. Using Samba

takes you from basic installation and configuration -- on both the client and server side, for a wide range of systems -- to subtle details of security, cross-platform compatibility, and resource discovery that make the difference between whether users see the folder they expect or a cryptic error message. The current edition covers such advanced 3.x features as: Integration with Active Directory and OpenLDAP Migrating from Windows NT 4.0 domains to Samba Delegating administrative tasks to non-

root users Central printer management Advanced file serving features, such as making use of Virtual File System (VFS) plugins. Samba is a cross-platform triumph: robust, flexible and fast, it turns a Unix or Linux system into a file and print server for Microsoft Windows network clients. This book will help you make your file and print sharing as powerful and efficient as possible. The authors delve into the internals of the Windows activities and protocols to an unprecedented degree, explaining the strengths and

weaknesses of each feature in Windows domains and in Samba itself. Whether you're playing on your personal computer or an enterprise network, on one note or a full three-octave range, Using Samba will give you an efficient and secure server.

Security Complete

Craig Hunt Linux Library

Tools and Techniques for

Linux and Unix Administration

An Administrator's Guide to

Open Source Security Tools

Linux+

A File & Print Server for Linux, Unix & Mac OS X

This title looks at the pros

and cons of open source security tools and demonstrates how to implement them. It also provides coverage of Bastille. The text includes detailed instructions, as well as essential background information.

Authoritative Answers to All Your Linux Network Server Questions--Specifically for Linux Administrators Tap into Linux's impressive capabilities as a network server. Written by one of the world's leading Linux system administration experts, Linux Network Servers teaches you, step-by-step, all the standard and advanced techniques you need

to know to configure and administer a full range of network services, from file and printer sharing to email and the Web. Hundreds of clear, consistent examples illustrate these techniques in detail--so you stay on track and accomplish all your goals. Coverage includes the following:

- Installing Linux*
- Understanding the boot process*
- Working with the network interface*
- Setting up login services*
- Using Linux name services*
- Configuring a mail server*
- Setting up Apache Web server*
- Configuring network gateway services*
- Configuring desktop configuration server*
- Setting*

*up file sharing Setting up
printer services Securing
your server Troubleshooting
The Craig Hunt Linux Library
The Craig Hunt Linux Library
provides in-depth, advanced
coverage of the key topics
for Linux administrators.
Topics include Samba, System
Administration, DNS Server
Administration, Apache,
Security, and Sendmail. Each
book in the series is either
written by or meticulously
reviewed by Craig Hunt to
ensure the highest quality
and most complete coverage
for networking professionals
working specifically in
Linux environments.
A guide to the features of
Samba-3 provides step-by-*

step installation

**instructions on integrating
Samba into a Windows or UNIX
environment.**

**Covering all aspects of the
Unix operating system and
assuming no prior knowledge
of Unix, this book begins
with the fundamentals and
works from the ground up to
some of the more advanced
programming techniques The
authors provide a wealth of
real-world experience with
the Unix operating system,
delivering actual examples
while showing some of the
common misconceptions and
errors that new users make
Special emphasis is placed
on the Apple Mac OS X
environment as well as**

*Linux, Solaris, and
migrating from Windows to
Unix A unique conversion
section of the book details
specific advice and
instructions for
transitioning Mac OS X,
Windows, and Linux users*

*Mastering?PHP 4.1
Using Samba*

Essential System

Administration

Linux Network

Administrator's Guide

Security Testing,

Penetration Testing, and

Ethical Hacking

The Journal for UNIX System

Administrators

*Explains how to understand and
use Linux, covering installation,
system administration,*

configuring desktops, and networking, along with topics such as the GNOME desktop, security, package management, and sound configuration.

A guide to using Damn Small Linux covers such topics as using applications, configuring settings, running DSL embedded in Windows, making an Edna Music Server, and using Skype VoIP service.

Practical Linux Instruction, From the Expert Who Taught You Windows There was a time when people asked, "Windows or Linux?" Now it's a question of how to make the most of both. Linux for Windows Administrators is an essential resource for anyone

working in the real world of enterprise computing. Inside, renowned Windows expert Mark Minasi and Linux guru Dan York give you practical, in-depth Linux instruction that dovetails perfectly with what you already know about Windows. It's the best way for you to give your organization the best of both worlds. Coverage includes:

- * Understanding Linux's strengths and weaknesses*
- * Understanding Linux's differences from, and similarities to, Windows*
- * Installing and configuring Linux*
- * Administering Linux from the command line*
- * Setting up Linux on minimal hardware--even a Pentium 100*
- * Understanding how open source works*
- * Using Samba*

*to make a Linux box emulate an NT/2000 file server * Using NIS and NFS to create the Linux equivalent of an NT/2000 domain * Using Winbind to make Linux recognize Windows user accounts * Tapping the speed and reliability of sendmail * Configuring Linux GUIs: X Window, window managers, and desktop environments * Modifying and recompiling the Linux kernel Geared especially toward professional Linux administrators, this book--part of an eight-book set from the Craig Hunt Linux Library--provides advanced treatment of Domain Name Service (DNS), a server that translates Internet protocol*

addresses into the URLs humans use.

*Linux Samba Server
Administration*

Mark Minasi

Windows?Administrator Library

*Mark Minasi Windows 2000
Series*

*From Asterisk to Zebra with Easy-
to-Use Recipes*

*The Official Damn Small Linux
Book*

Linux System Administration

**Authoritative Answers to All
Your Linux**

**SecurityQuestions—Specificall
y for Linux Administrators This
is the most complete, most
advanced guide to Linux
securityyou'll find anywhere.**

Written by a Linux security expert with over a decade of experience, Linux Security teaches you, step-by-step, all the standard and advanced techniques you need to know to keep your Linux environment safe from threats of all kinds. Hundreds of clear, consistent examples illustrate these techniques in detail†so you stay on track and accomplish all your goals. Coverage includes:

- Understanding information and system security procedures**
- Developing a corporate security policy**
- Designing and deploying an effective system and network monitoring strategy**

**Managing the network services
offered by Linux servers
Understanding Sendmail
security, including
authentication and privacy
Providing application-level
mail security using PGP
Designing and deploying an
Apache HTTP server, including
SSL extensions Securing your
Samba server Building a
network layer firewall using
IPTables and Linux kernel v.2.4
Using the NEC SOCKS5
transport layer firewall
Deploying the TIS firewall
toolkit Offering secure remote
connectivity with IPsec and
PPTP VPNs Adding strong user
authentication to Linux servers**

**using Kerberos Understanding
the Linux Pluggable**

**Authentication Modules (PAM)
Annotation Written by Christa
Anderson, this comprehensive
book covers scripting,
automation, Ghost, drive
images, RIS, WSH, WMI
implications, and ADSI.**

**Focuses on using automated
deployment tools to save time,
improve consistency, and
greatly reduce deployment
costs.**

**LPI Linux Certification in a
Nutshell, Second Edition is an
invaluable resource for
determining what you need to
practice to pass the Linux
Professional Institute exams.**

This book will help you determine when you're ready to take the exams, which are technically challenging and designed to reflect the skills that administrators need in real working environments. As more corporations adopt Linux as the networking backbone for their IT systems, the demand for certified technicians will become even greater. Passing the LPI exams will broaden your career options because the LPI is the most widely known and respected Linux certification program in the world. Linux Journal recognized the LPI as the best Training

and Certification Program. The exams were developed by the Linux Professional Institute, an international, volunteer-driven organization with affiliates in a dozen countries. The core LPI exams cover two levels. Level 1 tests a basic knowledge of Linux installation, configuration, and command-line skills. Level 2 goes into much more depth regarding system troubleshooting and network services such as email and the Web. The second edition of LPI Linux Certification in a Nutshell is a thoroughly researched reference to these exams. The book is divided into

four parts, one for each of the LPI exams. Each part features not only a summary of the core skills you need, but sample exercises and test questions, along with helpful hints to let you focus your energies. Major topics include: GNU and Unix commands Linux installation and package management Devices, filesystems, and kernel configuration Text editing, processing, and printing The X Window System Networking fundamentals and troubleshooting Security, including intrusion detection, SSH, Kerberos, and more DNS, DHCP, file sharing, and other

networking infrastructure

Email, FTP, and Web services

Praise for the first edition:

"Although O'Reilly's Nutshell series are intended as

'DesktopReference' manuals, I have to recommend this one as a good all-round read; not only as a primer for LPI

certification, but as

an excellent introductory text

on GNU/Linux. In all, this is a

valuable addition to O'Reilly's

already packed stable of Linux

titles and I look forward

to more from the author."--First

Monday

A thorough guide to Linux

TCP/IP network administration

examines the major flavors of

Linux; covers routing, file management, directory services, e-mail, security, and internetworking with Samba; and provides implementation examples, troubleshooting tips, and much more. Original. (Advanced).

Linux System Security

Linux TCP/IP Network Administration

Linux DNS Server Administration

Learning Kali Linux

Linux Journal

Linux Sendmail Administration

A guide to the cross-platform file server covers common configurations, security

**settings, connectivity,
performance, and Version
2.0's graphical
configuration tool--SWAT
A guide to the cross-
platform file server
covers common
configurations, security
settings, connectivity, and
performance.
Provides advice on ways
to ensure network
security, covering such
topics as DNS, Apache
web server, OpenLDAP,
email encryption, Cyrus
IMAP service, and FTP
server.
With more than 600**

security tools in its arsenal, the Kali Linux distribution can be overwhelming.

Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make

those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's

available to attackers
Execute penetration tests
using automated exploit
tools such as Metasploit
Use cracking tools to see
if passwords meet
complexity requirements
Test wireless capabilities
by injecting frames and
cracking passwords
Assess web application
vulnerabilities with
automated or proxy-based
tools Create advanced
attack techniques by
extending Kali tools or
developing your own Use
Kali Linux to generate
reports once testing is

complete

**Windows 2000 Automated
Deployment and Remote
Administration**

Sys Admin

**TCP/IP Network
Administration**

Samba-3 by Example

**A Distribution-Neutral
Guide for Servers and
Desktops**

Exam XKO 001

Authoritative Answers to All Your
Samba Questions Linux Samba
Server Administration is the most
complete, most advanced guide to
Samba you'll find anywhere.

Written by a leading Linux
expert, this book teaches you, step-

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by-step, all the standard and advanced Samba techniques you'll need to make Linux and UNIX machines operate seamlessly as part of your Windows network. Throughout, scores of clear, consistent examples illustrate these techniques in detail—so you stay on track and accomplish all your goals. Coverage includes:

- Installing Samba
- Setting up file sharing
- Setting up printer sharing
- Using Samba as a client
- Setting up a working user authentication system
- Using automation to expand Samba's capabilities
- Setting up Samba as a domain controller
- Configuring NetBIOS name server functions

Configuring Samba for optimal interoperation with other servers
Managing user accounts
Optimizing Samba for maximum speed
Securing Samba against intrusion
Using Samba as a backup server
Troubleshooting Samba
Configuring Samba to work with a variety of client OSs
About the Library
The Craig Hunt Linux Library is an eight-book set that provides in-depth, advanced coverage of the key topics for Linux administrators. Topics include Samba, System Administration, Sendmail, Apache, NFS and Automounter, and Linux Security. Each book in the library is either written by or

meticulously reviewed by Craig Hunt to ensure the highest quality and most complete coverage of networking professionals working specifically in Linux environments.

Kylix is Borland's new tool, based on Delphi, for developing applications that run on the Linux operating system. In this book, best-selling Mastering Delphi author Marco Cantu tackles all aspects of using the tool. Whether you are a Delphi developer who wants to learn Linux development, or you are a Linux developer who wants to learn how to use the Kylix toolset, this is the reference you need. You get

coverage of the essentials of the Object Pascal language, building the user interface, working with forms, writing Delphi components, and developing database, client/server, and Web applications. You also learn how to create XML-based Web Services with Kylix. The companion CD-ROM has all the source code from the book, the Open Source Edition of Kylix, useful utilities, and electronic references to Pascal and SQL. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. There are many reasons why you would want to optimize your

servers through virtualization using Linux on IBM® System z®: Too many distributed physical servers with low utilization A lengthy provisioning process that delays the implementation of new applications Limitations in data center power and floor space High total cost of ownership (TCO) Difficulty allocating processing power for a dynamic environment This IBM Redbooks® publication provides a technical planning guide and example for IT organizations to migrate from their x86 environment to Linux on System z. It begins by examining the benefits of migrating workloads to Linux on System z.

Here, we describe the workload centric method of information technology and then discuss the benefits of migrating workloads to Linux on System z. Next, we describe total cost of ownership analyses and we guide you in understanding how to analyze your environment before beginning a migration project. We also assist you in determining the expected consolidation ratio for a given workload type. We also describe virtualization concepts along with describing the benefits of migrating from the x86 environment to guests residing on an IBM z/VM® single system image with live guest relocation.

This IBM Redbooks publication walks you through a migration approach, includes planning worksheets, as well as a chapter to assist you in analyzing your own systems. We also discuss post migration considerations such as acceptance testing of functionality and performance measurements. You may be contemplating your first Linux installation. Or you may have been using Linux for years and need to know more about adding a network printer or setting up an FTP server. Running Linux, now in its fifth edition, is the book you'll want on hand in either case. Widely recognized in the Linux community as the

ultimate getting-started and problem-solving book, it answers the questions and tackles the configuration issues that frequently plague users, but are seldom addressed in other books. This fifth edition of Running Linux is greatly expanded, reflecting the maturity of the operating system and the teeming wealth of software available for it. Hot consumer topics such as audio and video playback applications, groupware functionality, and spam filtering are covered, along with the basics in configuration and management that always have made the book popular. Running Linux covers basic

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communications such as mail, web surfing, and instant messaging, but also delves into the subtleties of network

configuration--including dial-up, ADSL, and cable modems--in case you need to set up your network manually. The book can make you proficient on office suites and personal productivity

applications--and also tells you what programming tools are available if you're interested in contributing to these applications.

Other new topics in the fifth edition include encrypted email and filesystems, advanced shell techniques, and remote login applications. Classic discussions

on booting, package management, kernel recompilation, and X configuration have also been updated. The authors of Running Linux have anticipated problem areas, selected stable and popular solutions, and provided clear instructions to ensure that you'll have a satisfying experience using Linux. The discussion is direct and complete enough to guide novice users, while still providing the additional information experienced users will need to progress in their mastery of Linux. Whether you're using Linux on a home workstation or maintaining a network server, Running Linux will provide

expert advice just when you need it.

Exam RH302

Kompetente Antworten auf Samba-Fragen. Von einem der führenden LINUX-Experten geschrieben.

Linux Security

The Official Samba-3 HOWTO and Reference Guide

Building Embedded Linux Systems