

# Pro Linux System Administration 2nd Edition Free

WHEN SOMEBODY SHOULD GO TO THE BOOK STORES, SEARCH FOUNDATION BY SHOP, SHELF BY SHELF, IT IS IN REALITY PROBLEMATIC. THIS IS WHY WE GIVE THE BOOKS COMPILATIONS IN THIS WEBSITE. IT WILL CERTAINLY EASE YOU TO LOOK GUIDE **PRO LINUX SYSTEM ADMINISTRATION 2ND EDITION FREE** AS YOU SUCH AS.

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## **SELINUX SYSTEM ADMINISTRATION - SECOND EDITION** - SVEN VERMEULEN 2017-01-31

WARD OFF TRADITIONAL SECURITY PERMISSIONS AND EFFECTIVELY SECURE YOUR LINUX SYSTEMS WITH SELINUX ABOUT THIS BOOK\* LEVERAGE SELINUX TO IMPROVE THE SECURITY OF YOUR LINUX SYSTEM\* AN EASY-TO-FOLLOW APPROACH AND INSTRUCTIONS TO HELP YOU ADOPT SELINUX WITHIN YOUR ORGANIZATION\* ACQUIRE KEY SKILLS AND TECHNIQUES IN YOUR SYSTEM ADMINISTRATION CAREER WHO THIS BOOK IS FOR THIS BOOK IS FOR BOTH BEGINNERS AS WELL AS SEASONED LINUX ADMINISTRATORS

WHO WANT TO CONTROL THE SECURE STATE OF THEIR SYSTEMS. PACKED WITH THE LATEST INFORMATION ON SELINUX OPERATIONS AND ADMINISTRATIVE PROCEDURES, YOU WILL ENJOY HARDENING YOUR SYSTEM FURTHER THROUGH THE MANDATORY ACCESS CONTROL SYSTEM THAT HAS BEEN SHAPING LINUX' SECURITY FOR YEARS. WHAT YOU WILL LEARN\* ANALYSE SELINUX EVENTS AND SELECTIVELY ENABLE OR DISABLE SELINUX ENFORCEMENT\* MANAGE LINUX USERS AND ASSOCIATE THEM WITH THE RIGHT ROLE AND PERMISSION SET\* SECURE NETWORK COMMUNICATIONS THROUGH SELINUX'

ACCESS CONTROLS\* TUNE THE FULL SERVICE FLEXIBILITY BY DYNAMICALLY ASSIGNING RESOURCE LABELS\* HANDLE SELINUX' ACCESS PATTERNS ENFORCED THROUGH THE SYSTEM\* QUERY THE SELINUX POLICY IN DEPTH  
Do YOU HAVE THE DAUNTING JOB OF PROTECTING YOUR AND YOUR COMPANY'S SYSTEMS FROM MALICIOUS ATTACKS AND UNDEFINED APPLICATION BEHAVIOUR? OR ARE YOU LOOKING TO SECURE YOUR LINUX SYSTEMS WITH IMPROVED ACCESS CONTROL? WELL, LOOK NO FURTHER! THIS BOOK GIVES YOU ALL THE PRELIMINARY KNOW-HOWS ABOUT ENHANCING YOUR SYSTEM'S SECURITY ACROSS LINUX DISTRIBUTIONS, HELPING YOU KEEP APPLICATION VULNERABILITIES AT BAY.  
In THIS BOOK, WE DESCRIBE THE SELINUX CONCEPTS AND SHOW YOU HOW TO LEVERAGE SELINUX TO IMPROVE THE SECURE STATE OF A LINUX SYSTEM. YOU WILL LEARN NOT ONLY ABOUT THE FUNDAMENTAL SELINUX CONCEPTS, BUT ALSO ABOUT ALL OF SELINUX'S CONFIGURATION HANDLES INCLUDING CONDITIONAL POLICIES, CONSTRAINTS, POLICY TYPES, AND AUDIT CAPABILITIES, WITH GENUINE EXAMPLES THAT YOU AS ADMINISTRATORS MIGHT COME ACROSS. IN ADDITION, YOU WILL LEARN HOW TO FURTHER HARDEN THE VIRTUALIZATION OFFERING OF BOTH LIBVIRT (SVIRT) AND DOCKER THROUGH SELINUX.  
BY THE END OF THE BOOK, YOU WILL KNOW HOW SELINUX WORKS AND HOW IT CAN BE TUNED TO YOUR NEEDS.  
PRO PYTHON SYSTEM ADMINISTRATION

- RYTIS SILEIKA 2014-11-21  
PRO PYTHON SYSTEM ADMINISTRATION, SECOND EDITION EXPLAINS AND SHOWS HOW TO APPLY PYTHON SCRIPTING IN PRACTICE. IT WILL SHOW YOU HOW TO APPROACH AND RESOLVE REAL-WORLD ISSUES THAT MOST SYSTEM ADMINISTRATORS WILL COME ACROSS IN THEIR CAREERS. THIS BOOK HAS BEEN UPDATED USING PYTHON 2.7 AND PYTHON 3 WHERE APPROPRIATE. IT ALSO USES VARIOUS NEW AND RELEVANT OPEN SOURCE PROJECTS AND TOOLS THAT SHOULD NOW BE USED IN PRACTICE. IN THIS UPDATED EDITION, YOU WILL FIND SEVERAL PROJECTS IN THE CATEGORIES OF NETWORK ADMINISTRATION, WEB SERVER ADMINISTRATION, AND MONITORING AND DATABASE MANAGEMENT. IN EACH PROJECT, THE AUTHOR WILL DEFINE THE PROBLEM, DESIGN THE SOLUTION, AND GO THROUGH THE MORE INTERESTING IMPLEMENTATION STEPS. EACH PROJECT IS ACCOMPANIED BY THE SOURCE CODE OF A FULLY WORKING PROTOTYPE, WHICH YOU'LL BE ABLE TO USE IMMEDIATELY OR ADAPT TO YOUR REQUIREMENTS AND ENVIRONMENT. THIS BOOK IS PRIMARILY AIMED AT EXPERIENCED SYSTEM ADMINISTRATORS WHOSE DAY-TO-DAY TASKS INVOLVE LOOKING AFTER AND MANAGING SMALL-TO-MEDIUM-SIZED SERVER ESTATES. IT WILL ALSO BE BENEFICIAL FOR SYSTEM ADMINISTRATORS WHO WANT TO LEARN MORE ABOUT AUTOMATION AND WANT TO APPLY THEIR PYTHON KNOWLEDGE TO SOLVE VARIOUS

SYSTEM ADMINISTRATION PROBLEMS. PYTHON DEVELOPERS WILL ALSO BENEFIT FROM READING THIS BOOK, ESPECIALLY IF THEY ARE INVOLVED IN DEVELOPING AUTOMATION AND MANAGEMENT TOOLS.

*MASTERING LINUX ADMINISTRATION -*  
ALEXANDRU CALCATINGE  
2021-06-18

DEVELOP ADVANCED SKILLS FOR WORKING WITH LINUX SYSTEMS ON-PREMISES AND IN THE CLOUD KEY FEATURES BECOME PROFICIENT IN EVERYDAY LINUX ADMINISTRATION TASKS BY MASTERING THE LINUX COMMAND LINE AND USING AUTOMATION WORK WITH THE LINUX FILESYSTEM, PACKAGES, USERS, PROCESSES, AND DAEMONS DEPLOY LINUX TO THE CLOUD WITH AWS, AZURE, AND KUBERNETES BOOK DESCRIPTION LINUX PLAYS A SIGNIFICANT ROLE IN MODERN DATA CENTER MANAGEMENT AND PROVIDES GREAT VERSATILITY IN DEPLOYING AND MANAGING YOUR WORKLOADS ON-PREMISES AND IN THE CLOUD. THIS BOOK COVERS THE IMPORTANT TOPICS YOU NEED TO KNOW ABOUT FOR YOUR EVERYDAY LINUX ADMINISTRATION TASKS. THE BOOK STARTS BY HELPING YOU UNDERSTAND THE LINUX COMMAND LINE AND HOW TO WORK WITH FILES, PACKAGES, AND FILESYSTEMS. YOU'LL THEN BEGIN ADMINISTERING NETWORK SERVICES AND HARDENING SECURITY, AND LEARN ABOUT CLOUD COMPUTING, CONTAINERS, AND ORCHESTRATION. ONCE YOU'VE LEARNED HOW TO WORK WITH THE COMMAND LINE, YOU'LL EXPLORE THE ESSENTIAL LINUX

COMMANDS FOR MANAGING USERS, PROCESSES, AND DAEMONS AND DISCOVER HOW TO SECURE YOUR LINUX ENVIRONMENT USING APPLICATION SECURITY FRAMEWORKS AND FIREWALL MANAGERS. AS YOU ADVANCE THROUGH THE CHAPTERS, YOU'LL WORK WITH CONTAINERS, HYPERVISORS, VIRTUAL MACHINES, ANSIBLE, AND KUBERNETES. YOU'LL ALSO LEARN HOW TO DEPLOY LINUX TO THE CLOUD USING AWS AND AZURE. BY THE END OF THIS LINUX BOOK, YOU'LL BE WELL-VERSED WITH LINUX AND HAVE MASTERED EVERYDAY ADMINISTRATIVE TASKS USING WORKFLOWS SPANNING FROM ON-PREMISES TO THE CLOUD. IF YOU ALSO FIND YOURSELF ADOPTING DEVOPS PRACTICES IN THE PROCESS, WE'LL CONSIDER OUR MISSION ACCOMPLISHED. WHAT YOU WILL LEARN UNDERSTAND HOW LINUX WORKS AND LEARN BASIC TO ADVANCED LINUX ADMINISTRATION SKILLS EXPLORE THE MOST WIDELY USED COMMANDS FOR MANAGING THE LINUX FILESYSTEM, NETWORK, SECURITY, AND MORE GET TO GRIPS WITH DIFFERENT NETWORKING AND MESSAGING PROTOCOLS FIND OUT HOW LINUX SECURITY WORKS AND HOW TO CONFIGURE SELINUX, APPARMOR, AND LINUX IPTABLES WORK WITH VIRTUAL MACHINES AND CONTAINERS AND UNDERSTAND CONTAINER ORCHESTRATION WITH KUBERNETES WORK WITH CONTAINERIZED WORKFLOWS USING DOCKER AND KUBERNETES AUTOMATE YOUR CONFIGURATION MANAGEMENT WORKLOADS WITH ANSIBLE WHO THIS

BOOK IS FOR IF YOU ARE A LINUX ADMINISTRATOR WHO WANTS TO UNDERSTAND THE FUNDAMENTALS AND AS WELL AS MODERN CONCEPTS OF LINUX SYSTEM ADMINISTRATION, THIS BOOK IS FOR YOU. WINDOWS SYSTEM ADMINISTRATORS LOOKING TO EXTEND THEIR KNOWLEDGE TO THE LINUX OS WILL ALSO BENEFIT FROM THIS BOOK.

**LINUX ADMINISTRATION COOKBOOK** - ADAM K. DEAN 2018-12-31

OVER 100 RECIPES TO GET UP AND RUNNING WITH THE MODERN LINUX ADMINISTRATION ECOSYSTEM KEY FEATURES UNDERSTAND AND IMPLEMENT THE CORE SYSTEM ADMINISTRATION TASKS IN LINUX DISCOVER TOOLS AND TECHNIQUES TO TROUBLESHOOT YOUR LINUX SYSTEM MAINTAIN A HEALTHY SYSTEM WITH GOOD SECURITY AND BACKUP PRACTICES

BOOK DESCRIPTION

LINUX IS ONE OF THE MOST WIDELY USED OPERATING SYSTEMS AMONG SYSTEM ADMINISTRATORS, AND EVEN MODERN APPLICATION AND SERVER DEVELOPMENT IS HEAVILY RELIANT ON THE LINUX PLATFORM. THE LINUX ADMINISTRATION COOKBOOK IS YOUR GO-TO GUIDE TO GET STARTED ON YOUR LINUX JOURNEY. IT WILL HELP YOU UNDERSTAND WHAT THAT STRANGE LITTLE SERVER IS DOING IN THE CORNER OF YOUR OFFICE, WHAT THE MYSTERIOUS VIRTUAL MACHINE LANGUISHING IN AZURE IS CRUNCHING THROUGH, WHAT THAT CIRCUIT-BOARD-LIKE THING IS DOING UNDER YOUR OFFICE TV, AND WHY THE LEDs ON IT ARE BLINKING RAPIDLY. THIS BOOK WILL GET YOU STARTED WITH ADMINISTERING

LINUX, GIVING YOU THE KNOWLEDGE AND TOOLS YOU NEED TO TROUBLESHOOT DAY-TO-DAY PROBLEMS, RANGING FROM A RASPBERRY PI TO A SERVER IN AZURE, WHILE GIVING YOU A GOOD UNDERSTANDING OF THE FUNDAMENTALS OF HOW GNU/LINUX WORKS. THROUGH THE COURSE OF THE BOOK, YOU'LL INSTALL AND CONFIGURE A SYSTEM, WHILE THE AUTHOR REGALES YOU WITH ERRORS AND ANECDOTES FROM HIS VAST EXPERIENCE AS A DATA CENTER HARDWARE ENGINEER, SYSTEMS ADMINISTRATOR, AND DEVOPS CONSULTANT. BY THE END OF THE BOOK, YOU WILL HAVE GAINED PRACTICAL KNOWLEDGE OF LINUX, WHICH WILL SERVE AS A BEDROCK FOR LEARNING LINUX ADMINISTRATION AND AID YOU IN YOUR LINUX JOURNEY.

WHAT YOU WILL LEARN

INSTALL AND MANAGE A LINUX SERVER, BOTH LOCALLY AND IN THE CLOUD

UNDERSTAND HOW TO PERFORM ADMINISTRATION ACROSS ALL LINUX DISTROS

WORK THROUGH EVOLVING CONCEPTS SUCH AS IaaS VERSUS PaaS, CONTAINERS, AND AUTOMATION

EXPLORE SECURITY AND CONFIGURATION BEST PRACTICES

TROUBLESHOOT YOUR SYSTEM IF SOMETHING GOES WRONG

DISCOVER AND MITIGATE HARDWARE ISSUES, SUCH AS FAULTY MEMORY AND FAILING DRIVES

WHO THIS BOOK IS FOR

IF YOU ARE A SYSTEM ENGINEER OR SYSTEM ADMINISTRATOR WITH BASIC EXPERIENCE OF WORKING WITH LINUX, THIS BOOK IS FOR YOU.

*MAKING SERVERS WORK* -

2020-03-30

THIS BOOK HIGHLIGHTS PRACTICAL SYSADMIN SKILLS, COMMON ARCHITECTURES THAT YOU'LL ENCOUNTER, AND BEST PRACTICES THAT APPLY TO AUTOMATING AND RUNNING SYSTEMS AT ANY SCALE, FROM ONE LAPTOP OR SERVER TO 1,000 OR MORE. IT IS INTENDED TO HELP ORIENT YOU WITHIN THE DISCIPLINE, AND HOPEFULLY ENCOURAGES YOU TO LEARN MORE ABOUT SYSTEM ADMINISTRATION.

*LINUX* - ANDY VICKLER 2021-03-22

DID YOU WONDER WHAT THE LINUX OPERATING SYSTEM IS AND HOW YOU CAN INSTALL IT ON YOUR SYSTEM? DO YOU WANT TO LEARN HOW TO SEPARATE THE LINUX OPERATING SYSTEM FROM THE MAIN OPERATING SYSTEM USED? HAVE YOU BEEN TRYING TO LEARN HOW TO PERFORM PENETRATION TESTING OR OTHER ETHICAL HACKING PROCESSES TO DETERMINE THE SECURITY OF THE SERVER OR NETWORK? IF YOU ANSWERED YES TO THESE QUESTIONS, THEN YOU HAVE COME TO THE RIGHT PLACE. LINUX IS AN OPERATING SYSTEM USED BY SYSTEM ADMINISTRATORS AND HACKERS TO MANAGE THE SERVER OR NETWORK'S SECURITY. YOU CAN USE THE OPERATING SYSTEM TO ADDRESS BUSINESS DEMANDS, INCLUDING NETWORK ADMINISTRATION, SYSTEM ADMINISTRATION, AND DATABASE MANAGEMENT. IN THIS BOOK, YOU WILL LEARN MORE ABOUT THE DIFFERENT TECHNIQUES TO HELP YOU PROTECT THE SYSTEM FROM A SECURITY BREACH

AND HOW YOU CAN PROTECT THE FILES AND DATA YOU HAVE ON YOUR SYSTEM. IN THIS BOOK, YOU WILL FIRST LEARN ABOUT HOW YOU CAN USE LINUX ON VIRTUAL MACHINES. YOU WILL ALSO LEARN ABOUT THE DIFFERENT TOOLS YOU CAN USE TO HARDEN THE NETWORK AND SERVER'S SECURITY. YOU WILL LEARN ABOUT THE DIFFERENT PERMISSIONS AND ACCESSES AND HOW YOU CAN USE IT TO ENHANCE THE SECURITY OF SETTING THE SECURITY. YOU WILL ALSO LEARN ABOUT HOW YOU CAN PERFORM A PENETRATION TEST, OR AN ETHICAL HACK, TO SCAN THE SYSTEM AND SEE WHAT YOU CAN DO TO IMPROVE THE SETTINGS. OVER THE COURSE OF THIS BOOK, YOU WILL DISCOVER HOW TO: INSTALLING LINUX ON YOUR SYSTEM AND ACCESSING IT USING A VIRTUAL MACHINE SECURE USER ACCOUNTS USING PASSWORDS AND ACLS SECURE THE SERVER USING A FIREWALL AND OTHER METHODS LEARN TO DECRYPT AND ENCRYPT DATA SENT OVER THE NETWORK EXPLORE VARIOUS METHODS TO PREVENT HACKERS FROM ACCESSING INFORMATION IN YOUR SYSTEM PERFORM TESTS TO IDENTIFY ANY VULNERABILITIES IN THE NETWORK AND SERVER, AND MORE! IF YOU ARE EAGER TO LEARN MORE ABOUT LINUX, GRAB A COPY OF THIS BOOK TODAY!

*THE PRACTICE OF SYSTEM AND NETWORK ADMINISTRATION* - THOMAS A. LIMONCELLI 2016-10-25

WITH 28 NEW CHAPTERS, THE THIRD EDITION OF THE PRACTICE OF SYSTEM AND NETWORK ADMINISTRATION

INNOVATES YET AGAIN! REVISED WITH THOUSANDS OF UPDATES AND CLARIFICATIONS BASED ON READER FEEDBACK, THIS NEW EDITION ALSO INCORPORATES DEVOPS STRATEGIES EVEN FOR NON-DEVOPS ENVIRONMENTS. WHETHER YOU USE LINUX, UNIX, OR WINDOWS, THIS NEW EDITION DESCRIBES THE ESSENTIAL PRACTICES PREVIOUSLY HANDED DOWN ONLY FROM MENTOR TO PROTÉGÉ. THIS WONDERFULLY LUCID, OFTEN FUNNY CORNUCOPIA OF INFORMATION INTRODUCES BEGINNERS TO ADVANCED FRAMEWORKS VALUABLE FOR THEIR ENTIRE CAREER, YET IS STRUCTURED TO HELP EVEN EXPERTS THROUGH DIFFICULT PROJECTS. OTHER BOOKS TELL YOU WHAT COMMANDS TO TYPE. THIS BOOK TEACHES YOU THE CROSS-PLATFORM STRATEGIES THAT ARE TIMELESS!

DEVOPS TECHNIQUES: APPLY DEVOPS PRINCIPLES TO ENTERPRISE IT INFRASTRUCTURE, EVEN IN ENVIRONMENTS WITHOUT DEVELOPERS

GAME-CHANGING STRATEGIES: NEW WAYS TO DELIVER RESULTS FASTER WITH LESS STRESS

FLEET MANAGEMENT: A COMPREHENSIVE GUIDE TO MANAGING YOUR FLEET OF DESKTOPS, LAPTOPS, SERVERS AND MOBILE DEVICES

SERVICE MANAGEMENT: HOW TO DESIGN, LAUNCH, UPGRADE AND MIGRATE SERVICES

MEASURABLE IMPROVEMENT: ASSESS YOUR OPERATIONAL EFFECTIVENESS; A FORTY-PAGE, PAIN-FREE ASSESSMENT SYSTEM YOU CAN START USING TODAY TO RAISE THE QUALITY OF ALL SERVICES

DESIGN GUIDES: BEST PRACTICES FOR

NETWORKS, DATA CENTERS, EMAIL, STORAGE, MONITORING, BACKUPS AND MORE

MANAGEMENT SKILLS: ORGANIZATION DESIGN, COMMUNICATION, NEGOTIATION, ETHICS, HIRING AND FIRING, AND MORE

HAVE YOU EVER HAD ANY OF THESE PROBLEMS? HAVE YOU BEEN SURPRISED TO DISCOVER YOUR BACKUP TAPES ARE BLANK? EVER SPENT A YEAR LAUNCHING A NEW SERVICE ONLY TO BE TOLD THE USERS HATE IT? DO YOU HAVE MORE INCOMING SUPPORT REQUESTS THAN YOU CAN HANDLE? DO YOU SPEND MORE TIME FIXING PROBLEMS THAN BUILDING THE NEXT AWESOME THING? HAVE YOU SUFFERED FROM A BOTCHED MIGRATION OF THOUSANDS OF USERS TO A NEW SERVICE? DOES YOUR COMPANY RELY ON A COMPUTER THAT, IF IT DIED, CAN'T BE REBUILT? IS YOUR NETWORK A FRAGILE MESS THAT BREAKS ANY TIME YOU TRY TO IMPROVE IT? IS THERE A PERIODIC "HELL MONTH" THAT HAPPENS TWICE A YEAR? TWELVE TIMES A YEAR? DO YOU FIND OUT ABOUT PROBLEMS WHEN YOUR USERS CALL YOU TO COMPLAIN? DOES YOUR CORPORATE "CHANGE REVIEW BOARD" TERRIFY YOU? DOES EACH DIVISION OF YOUR COMPANY HAVE THEIR OWN BROKEN WAY OF DOING THINGS? DO YOU FEAR THAT AUTOMATION WILL REPLACE YOU, OR BREAK MORE THAN IT FIXES? ARE YOU UNDERPAID AND OVERWORKED? NO VAGUE "MANAGEMENT SPEAK" OR EMPTY PLATITUDES. THIS COMPREHENSIVE GUIDE PROVIDES REAL SOLUTIONS THAT PREVENT THESE PROBLEMS AND MORE!

LINUX - MARK REED 2020-04-05

DO YOU NEED A HIGH SECURITY AND STABLE OPEN SOURCE OPERATING SYSTEM? DO YOU WANT TO BE ABLE TO ALTER SOURCE CODES ACCORDING TO YOUR NEEDS? LINUX MAY BE WHAT YOU HAVE BEEN LOOKING FOR IF YOU PREVIOUSLY THOUGHT THAT LINUX WAS JUST FOR PROS AND GEEKS, THEN MAYBE IT'S TIME YOU TOOK ANOTHER LOOK AT ONE OF THE MOST POPULAR OPEN SOURCE OPERATING SYSTEMS AROUND. GONE ARE THE DAYS THAT LINUX WAS NO USE FOR GAMERS OR OTHER USERS. NOW IT IS AN ALL-INCLUSIVE SYSTEM THAT REALLY DELIVERS, AND YOU WILL WANT TO GET THE BEST FROM IT. IF THIS SOUNDS LIKE SOMETHING THAT INTERESTS YOU, THEN LINUX IS A PRACTICAL GUIDE, COMPLETE WITH EXERCISES, THAT IS THE SOLUTION YOU HAVE BEEN SEARCHING FOR. IT WILL PROVIDE YOU WITH DETAILED, IN-DEPTH KNOWLEDGE TO GETTING STARTED AND MAKING THE MOST OF IT, WITH CHAPTERS THAT COVER THINGS LIKE: HOW TO QUICKLY INSTALL AND SET UP YOUR SYSTEM MAKING THE MOST OF THE DESKTOP WHAT YOU WILL GET FROM THE UTILITIES AN OVERVIEW OF THE SYSTEM ADMINISTRATION WHAT SECURITY FEATURES THERE ARE HOW LINUX WORKS WITH THE CLOUD AND MORE... INTENDED FOR ANYONE WHO WANTS TO GO DEEPER INTO THEIR UNDERSTANDING OF LINUX, THIS IS A BOOK THAT IS IDEAL FOR ADVANCED USERS AND AS IT IS NOT A DIFFICULT CONCEPT TO GET USED TO, ONCE YOU

HAVE BEEN USING IT FOR A SHORT PERIOD OF TIME YOU'LL BEGIN TO WONDER HOW YOU GOT ALONG WITHOUT IT. WITH WIDE RANGING BENEFITS FROM FREEDOM OF USE THROUGH TO THE ABILITY TO REVIVE OLDER OPERATING SYSTEMS, LINUX IS AN INNOVATIVE CONCEPT THAT YOU WILL LOVE. GET A COPY NOW AND SEE WHAT YOU'VE BEEN MISSING

*LDAP SYSTEM ADMINISTRATION -*  
GERALD CARTER 2003-03-20

BE MORE PRODUCTIVE AND MAKE YOUR LIFE EASIER. THAT'S WHAT LDAP SYSTEM ADMINISTRATION IS ALL ABOUT. SYSTEM ADMINISTRATORS OFTEN SPEND A GREAT DEAL OF TIME MANAGING CONFIGURATION INFORMATION LOCATED ON MANY DIFFERENT MACHINES: USERNAMES, PASSWORDS, PRINTER CONFIGURATIONS, EMAIL CLIENT CONFIGURATIONS, AND NETWORK FILESYSTEM CONFIGURATIONS, TO NAME A FEW. LDAPv3 PROVIDES TOOLS FOR CENTRALIZING ALL OF THE CONFIGURATION INFORMATION AND PLACING IT UNDER YOUR CONTROL. RATHER THAN MAINTAINING SEVERAL ADMINISTRATIVE DATABASES (NIS, ACTIVE DIRECTORY, SAMBA, AND NFS CONFIGURATION FILES), YOU CAN MAKE CHANGES IN ONLY ONE PLACE AND HAVE ALL YOUR SYSTEMS IMMEDIATELY "SEE" THE UPDATED INFORMATION. PRACTICALLY PLATFORM INDEPENDENT, THIS BOOK USES THE WIDELY AVAILABLE, OPEN SOURCE OPENLDAP 2 DIRECTORY SERVER AS A PREMISE FOR EXAMPLES, SHOWING YOU

HOW TO USE IT TO HELP YOU MANAGE YOUR CONFIGURATION INFORMATION EFFECTIVELY AND SECURELY. OPENLDAP 2 SHIPS WITH MOST LINUX® DISTRIBUTIONS AND MAC OS® X, AND CAN BE EASILY DOWNLOADED FOR MOST UNIX-BASED SYSTEMS. AFTER INTRODUCING THE WORKINGS OF A DIRECTORY SERVICE AND THE LDAP PROTOCOL, ALL ASPECTS OF BUILDING AND INSTALLING OPENLDAP, PLUS KEY ANCILLARY PACKAGES LIKE SASL AND OPENSSL, THIS BOOK DISCUSSES: CONFIGURATION AND ACCESS CONTROL DISTRIBUTED DIRECTORIES; REPLICATION AND REFERRAL USING OPENLDAP TO REPLACE NIS USING OPENLDAP TO MANAGE EMAIL CONFIGURATIONS USING LDAP FOR ABSTRACTION WITH FTP AND HTTP SERVERS, SAMBA, AND RADIUS INTEROPERATING WITH DIFFERENT LDAP SERVERS, INCLUDING ACTIVE DIRECTORY PROGRAMMING USING NET::LDAP IF YOU WANT TO BE A MASTER OF YOUR DOMAIN, LDAP SYSTEM ADMINISTRATION WILL HELP YOU GET UP AND RUNNING QUICKLY REGARDLESS OF WHICH LDAP VERSION YOU USE. AFTER READING THIS BOOK, EVEN WITH NO PREVIOUS LDAP EXPERIENCE, YOU'LL BE ABLE TO INTEGRATE A DIRECTORY SERVER INTO ESSENTIAL NETWORK SERVICES SUCH AS MAIL, DNS, HTTP, AND SMB/CIFS.

**RED HAT ENTERPRISE LINUX 8 ADMINISTRATION** - MIGUEL PEREZ COLINO 2021-11-11

DEVELOP THE SKILL TO MANAGE AND ADMINISTER RED HAT ENTERPRISE LINUX

AND GET READY TO ACHIEVE THE RHCSA CERTIFICATION KEY FEATURES LEARN THE MOST COMMON ADMINISTRATION AND SECURITY TASKS AND MANAGE ENTERPRISE LINUX INFRASTRUCTURES EFFICIENTLY ASSESS YOUR KNOWLEDGE USING SELF-ASSESSMENT QUESTIONS BASED ON REAL-WORLD EXAMPLES UNDERSTAND HOW TO APPLY THE CONCEPTS OF CORE SYSTEMS ADMINISTRATION IN THE REAL WORLD BOOK DESCRIPTION WHETHER IN INFRASTRUCTURE OR DEVELOPMENT, AS A DEVOPS OR SITE RELIABILITY ENGINEER, LINUX SKILLS ARE NOW MORE RELEVANT THAN EVER FOR ANY IT JOB, FORMING THE FOUNDATION OF UNDERSTANDING THE MOST BASIC LAYER OF YOUR ARCHITECTURE. WITH RED HAT ENTERPRISE LINUX (RHEL) BECOMING THE MOST POPULAR CHOICE FOR ENTERPRISES WORLDWIDE, ACHIEVING THE RED HAT CERTIFIED SYSTEM ADMINISTRATOR (RHCSA) CERTIFICATION WILL VALIDATE YOUR LINUX SKILLS TO INSTALL, CONFIGURE, AND TROUBLESHOOT APPLICATIONS AND SERVICES ON RHEL SYSTEMS. COMPLETE WITH EASY-TO-FOLLOW TUTORIAL-STYLE CONTENT, SELF-ASSESSMENT QUESTIONS, TIPS, BEST PRACTICES, AND PRACTICAL EXERCISES WITH DETAILED SOLUTIONS, THIS BOOK COVERS ESSENTIAL RHEL COMMANDS, USER AND GROUP MANAGEMENT, SOFTWARE MANAGEMENT, NETWORKING FUNDAMENTALS, AND MUCH MORE. YOU'LL START BY LEARNING HOW TO CREATE AN RHEL 8 VIRTUAL MACHINE AND GET TO GRIPS WITH ESSENTIAL

LINUX COMMANDS. YOU'LL THEN UNDERSTAND HOW TO MANAGE USERS AND GROUPS ON AN RHEL 8 SYSTEM, INSTALL SOFTWARE PACKAGES, AND CONFIGURE YOUR NETWORK INTERFACES AND FIREWALL. AS YOU ADVANCE, THE BOOK WILL HELP YOU EXPLORE DISK PARTITIONING, LVM CONFIGURATION, STRATIS VOLUMES, DISK COMPRESSION WITH VDO, AND CONTAINER MANAGEMENT WITH PODMAN, BUILDAH, AND SKOPEO. BY THE END OF THIS BOOK, YOU'LL HAVE COVERED EVERYTHING INCLUDED IN THE RHCSA EX200 CERTIFICATION AND BE ABLE TO USE THIS BOOK AS A HANDY, ON-THE-JOB DESKTOP REFERENCE GUIDE. THIS BOOK AND ITS CONTENTS ARE SOLELY THE WORK OF MIGUEL PEREZ COLINO, PABLO IRANZO GOMEZ, AND SCOTT MCCARTY. THE CONTENT DOES NOT REFLECT THE VIEWS OF THEIR EMPLOYER (RED HAT INC.). THIS WORK HAS NO CONNECTION TO RED HAT, INC. AND IS NOT ENDORSED OR SUPPORTED BY RED HAT, INC. WHAT YOU WILL LEARN

DEPLOY RHEL 8 IN DIFFERENT FOOTPRINTS, FROM BARE METAL AND VIRTUALIZED TO THE CLOUD MANAGE USERS AND SOFTWARE ON LOCAL AND REMOTE SYSTEMS AT SCALE DISCOVER HOW TO SECURE A SYSTEM WITH SELINUX, OPENSAP, AND FIREWALLD GAIN AN OVERVIEW OF STORAGE COMPONENTS WITH LVM, STRATIS, AND VDO MASTER REMOTE ADMINISTRATION WITH PASSWORDLESS SSH AND TUNNELS MONITOR YOUR SYSTEMS FOR RESOURCE USAGE AND TAKE ACTIONS TO FIX ISSUES

UNDERSTAND THE BOOT PROCESS, PERFORMANCE OPTIMIZATIONS, AND CONTAINERS WHO THIS BOOK IS FOR THIS BOOK IS FOR IT PROFESSIONALS OR STUDENTS WHO WANT TO START A CAREER IN LINUX ADMINISTRATION AND ANYONE WHO WANTS TO TAKE THE RHCSA 8 CERTIFICATION EXAM. BASIC KNOWLEDGE OF LINUX AND FAMILIARITY WITH THE LINUX COMMAND-LINE IS NECESSARY.

**LINUX** - NATHAN CLARK

2019-05-20

GET THE KINDLE VERSION FREE WHEN PURCHASING THE PAPERBACK! MAKING DAY-TO-DAY ADMINISTRATION AND MAINTENANCE A BREEZE SYSTEM ADMINISTRATION IS AN ASPECT OF LINUX THAT IS UNAVOIDABLE. EVEN WITH THE EMERGENCE OF USER FRIENDLY DISTRIBUTIONS LIKE UBUNTU AND MINT, A SIGNIFICANT AMOUNT OF USER CONFIGURATION IS STILL REQUIRED TO KEEP A LINUX SYSTEM RUNNING ON A DAILY BASIS. THIS BOOK HAS BEEN CREATED TO GUIDE YOU THROUGH MOST SCENARIOS YOU WILL ENCOUNTER, WHETHER YOU'RE NEW TO SYSTEM ADMINISTRATION OR HAVE BEEN MAINTAINING SYSTEMS FOR YEARS. IN THIS BOOK WE TAKE A DETAILED LOOK AT MANAGING USERS AND GROUPS, WE LOOK AT HOW TO CREATE A MORE SECURE SYSTEM THAT WILL BE LESS VULNERABLE TO THREATS, AS WELL AS DELVING INTO THE VARIOUS ASPECTS OF MANAGING FILESYSTEMS AND STORAGE PARTITIONS. WE ALSO ADDRESS SPECIFIC TOPICS SUCH AS WORKING WITH HARD AND SOFT LINKS,

GETTING THE MOST OUT OF TEXT PROCESSING, PACKAGE MANAGEMENT AND ARCHITECTURE, UTILIZING SHARED LIBRARIES, MANIPULATING PROCESSES FOR SYSTEM OPTIMIZATION, AS WELL AS OTHER ESSENTIAL TOPICS EVERY PROFICIENT LINUX USER AND ADMINISTRATOR NEEDS TO KNOW. WHAT THIS BOOK OFFERS DETAILED PRACTICAL EXAMPLES THROUGHOUT THE ENTIRE GUIDE WE PROVIDE PRACTICAL EXAMPLES WITH COMMAND LINE SNIPPETS AND SYSTEM SCREENSHOTS TO DEMONSTRATE HOW THE ASPECTS WE DISCUSS ARE APPLIED ON A REAL SYSTEM. FOR COMPLICATED TOPICS WE ALSO INCLUDE STEP-BY-STEP EXAMPLES TO GUIDE YOU THROUGH A PROCESS EVERY STEP OF THE WAY. DISSECTED COMMANDS COMMAND LINE INSTRUCTIONS ARE BROKEN DOWN INTO THEIR BASIC COMMANDS, WITH EACH COMPONENT EXPLAINED IN DETAIL, MAKING LEARNING EASY AND MUCH MORE MANAGEABLE. WE ALSO LOOK AT THE VARIOUS OPTIONS AND SWITCHES AVAILABLE FOR EACH COMMAND, ALONG WITH ACCOMPANYING EXAMPLES. REFERENCED GUI TOOLS GRAPHICAL TOOLS CAN MAKE ADMINISTERING A LINUX SYSTEM MUCH MORE ENJOYABLE AND HASSLE FREE. AS SUCH, WE PROVIDE REFERENCES TO OUR RECOMMENDED GUI OPTIONS FOR MANY ADMINISTRATIVE FUNCTIONS, WHERE AVAILABLE. KEY TOPICS THE LINUX BOOT PROCESS STARTUP AND BOOT ORDER ALTERNATIVE BOOT LOADERS REVIEWING THE BOOT PROCESS COMMANDS TO RESTART AND

STOP THE SYSTEM HARDWARE MANAGEMENT HARDWARE DETECTION USING THE /PROC FILESYSTEM COMMAND LINE TOOLS GRAPHICAL TOOLS SHARED LIBRARIES NAMING CONVENTIONS IDENTIFYING REFERENCED LIBRARIES USING LDD IDENTIFYING REFERENCED LIBRARIES USING OBJDUMP USER AND GROUP MANAGEMENT STORAGE OF USER AND GROUP DATA USER AND GROUP COMMANDS FILESYSTEMS TYPES OF COMMONLY USED FILESYSTEMS FILESYSTEM COMMANDS DISK STORAGE MANAGEMENT NAMING THE DEVICES PRIMARY, EXTENDED, AND LOGICAL PARTITIONS UDEV AND DF MOUNTING A FILESYSTEM UNMOUNTING A FILESYSTEM AUTOMATING MOUNT POINTS SETTING UP NEW PARTITIONS WORKING WITH LINKS HARD LINKS SOFT LINKS TEXT PROCESSING TEXT PROCESSING COMMANDS COMBINING COMMANDS PACKAGE MANAGEMENT UNDERSTANDING PACKAGE ARCHITECTURE DAY-TO-DAY ADMINISTRATION TASKS LOG FILES IMPORTANT LOG FILES ESSENTIAL COMMANDS & GRAPHICAL TOOLS PROCESS MANAGEMENT WORKING WITH PROCESSES SYSTEM AND NETWORK SECURITY OPEN PORTS LOCAL AND REMOTE USERS RESTRICTING REMOTE ACCESS UNUSED SOFTWARE LEARN SYSTEM ADMINISTRATION THE EASY WAY, GET YOUR COPY TODAY!  
*HARDENING LINUX* - JAMES TURNBULL  
2006-11-01  
\*IMPARTS GOOD SECURITY DOCTRINE, METHODOLOGY, AND STRATEGIES

\*EACH APPLICATION-FOCUSED CHAPTER WILL BE ABLE TO BE USED AS A STAND-ALONE HOW-TO FOR THAT PARTICULAR APPLICATION. \*OFFERS USERS A SELECTION OF RESOURCES (WEBSITES, MAILING LISTS, AND BOOKS) TO FURTHER THEIR KNOWLEDGE.

SELINUX SYSTEM ADMINISTRATION - SVEN VERMEULEN 2013-09-24

A STEP-BY-STEP GUIDE TO LEARN HOW TO SET UP SECURITY ON LINUX SERVERS BY TAKING SELINUX POLICIES INTO YOUR OWN HANDS. LINUX ADMINISTRATORS WILL ENJOY THE VARIOUS SELINUX FEATURES THAT THIS BOOK COVERS AND THE APPROACH USED TO GUIDE THE ADMIN INTO UNDERSTANDING HOW SELINUX WORKS. THE BOOK ASSUMES THAT YOU HAVE BASIC KNOWLEDGE IN LINUX ADMINISTRATION, ESPECIALLY LINUX PERMISSION AND USER MANAGEMENT.

PRO LINUX SYSTEM ADMINISTRATION - DENNIS MATOTEK 2017-04-05

THIS BOOK MAKES IT EASY FOR SMALL-TO MEDIUM-SIZED BUSINESSES TO ENTER THE WORLD OF ZERO-COST SOFTWARE RUNNING ON LINUX AND COVERS ALL THE DISTROS YOU MIGHT WANT TO USE, INCLUDING RED HAT, UBUNTU, DEBIAN, AND CENTOS. PRO LINUX SYSTEM ADMINISTRATION TAKES A LAYERED, COMPONENT-BASED APPROACH TO OPEN SOURCE BUSINESS SYSTEMS, WHILE TRAINING SYSTEM ADMINISTRATORS AS THE BUILDERS OF BUSINESS INFRASTRUCTURE. IF YOU WANT TO IMPLEMENT A SOHO OR SMB LINUX INFRASTRUCTURE, PRO LINUX SYSTEM ADMINISTRATION

CLEARLY DEMONSTRATES EVERYTHING YOU NEED. YOU'LL FIND THIS BOOK ALSO PROVIDES A SOLID FRAMEWORK TO MOVE FORWARD AND EXPAND YOUR BUSINESS AND ASSOCIATED IT CAPABILITIES, AND YOU'LL BENEFIT FROM THE EXPERTISE AND EXPERIENCED GUIDANCE OF THE AUTHORS.

COMPLETELY UPDATED FOR THIS SECOND EDITION, DENNIS MATOTEK TAKES YOU THROUGH AN INFRASTRUCTURE-AS-CODE APPROACH, SEAMLESSLY TAKING YOU THROUGH STEPS ALONG THE JOURNEY OF LINUX ADMINISTRATION WITH ALL YOU NEED TO MASTER COMPLEX SYSTEMS. THIS EDITION NOW INCLUDES JENKINS, ANSIBLE, LOGSTASH AND MORE. WHAT YOU'LL LEARN: ALL ABOUT LINUX ARCHITECTURE HOW TO BUILD, BACK UP, AND RECOVER LINUX SERVERS HOW TO CREATE BASIC NETWORKS AND NETWORK SERVICES WITH LINUX HOW TO BUILD AND IMPLEMENTING LINUX INFRASTRUCTURE AND SERVICES INCLUDING MAIL, WEB, DATABASES, AND FILE AND PRINT HOW TO IMPLEMENT LINUX SECURITY LINUX PERFORMANCE AND CAPACITY PLANNING ISSUES WHO THIS BOOK IS FOR: SMALL TO MEDIUM-SIZED BUSINESS OWNERS LOOKING TO RUN THEIR OWN IT, SYSTEM ADMINISTRATORS CONSIDERING MIGRATING TO LINUX, AND IT SYSTEMS INTEGRATORS LOOKING FOR AN EXTENSIBLE LINUX INFRASTRUCTURE MANAGEMENT APPROACH.

**PYTHON FOR UNIX AND LINUX SYSTEM ADMINISTRATION - NOAH GIFT 2008**

A GUIDE TO USING THE PYTHON

COMPUTER LANGUAGE TO HANDLE A VARIETY OF TASKS IN BOTH THE UNIX AND LINUX SERVERS.

### UNIX AND LINUX SYSTEM

ADMINISTRATION HANDBOOK - EVI NEMETH 2017-08-01

### **PRO LINUX SYSTEM ADMINISTRATION -**

DENNIS MATOTEK 2017-03-14  
IMPLEMENT A SOHO OR SMB LINUX INFRASTRUCTURE TO EXPAND YOUR BUSINESS AND ASSOCIATED IT CAPABILITIES. BACKED BY THE EXPERTISE AND EXPERIENCED GUIDANCE OF THE AUTHORS, THIS BOOK PROVIDES EVERYTHING YOU NEED TO MOVE YOUR BUSINESS FORWARD. PRO LINUX SYSTEM ADMINISTRATION MAKES IT EASY FOR SMALL- TO MEDIUM-SIZED BUSINESSES TO ENTER THE WORLD OF ZERO-COST SOFTWARE RUNNING ON LINUX AND COVERS ALL THE DISTROS YOU MIGHT WANT TO USE, INCLUDING RED HAT, UBUNTU, DEBIAN, AND CENTOS. PRO LINUX SYSTEM ADMINISTRATION TAKES A LAYERED, COMPONENT-BASED APPROACH TO OPEN SOURCE BUSINESS SYSTEMS, WHILE TRAINING SYSTEM ADMINISTRATORS AS THE BUILDERS OF BUSINESS INFRASTRUCTURE. COMPLETELY UPDATED FOR THIS SECOND EDITION, DENNIS MATOTEK TAKES YOU THROUGH AN INFRASTRUCTURE-AS-CODE APPROACH, SEAMLESSLY TAKING YOU THROUGH STEPS ALONG THE JOURNEY OF LINUX ADMINISTRATION WITH ALL YOU NEED TO MASTER COMPLEX SYSTEMS. THIS EDITION NOW INCLUDES JENKINS, ANSIBLE, LOGSTASH AND

MORE. WHAT YOU'LL LEARN:

UNDERSTAND LINUX ARCHITECTURE  
BUILD, BACK UP, AND RECOVER LINUX SERVERS  
CREATE BASIC NETWORKS AND NETWORK SERVICES WITH LINUX  
BUILD AND IMPLEMENT LINUX INFRASTRUCTURE AND SERVICES INCLUDING MAIL, WEB, DATABASES, AND FILE AND PRINT  
IMPLEMENT LINUX SECURITY  
RESOLVE LINUX PERFORMANCE AND CAPACITY PLANNING ISSUES  
WHO THIS BOOK IS FOR: SMALL TO MEDIUM-SIZED BUSINESS OWNERS LOOKING TO RUN THEIR OWN IT, SYSTEM ADMINISTRATORS CONSIDERING MIGRATING TO LINUX, AND IT SYSTEMS INTEGRATORS LOOKING FOR AN EXTENSIBLE LINUX INFRASTRUCTURE MANAGEMENT APPROACH.

### **ESSENTIAL SYSTEM ADMINISTRATION -**

LEEN FRISCH 2002-08-23  
ESSENTIAL SYSTEM ADMINISTRATION, 3RD EDITION IS THE DEFINITIVE GUIDE FOR 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 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 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 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 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.

**LINUX ADMINISTRATION** - JASON CANNON 2016-02-07  
LEARN LINUX ADMINISTRATION AND SUPERCHARGE YOUR CAREER!! IF YOU'RE LOOKING TO MAKE THE JUMP FROM BEING A LINUX USER TO BEING A LINUX ADMINISTRATOR, THIS BOOK IS FOR YOU! IF YOU'RE IN WINDOWS ADMINISTRATION AND WANT TO LEARN THE INS AND OUTS OF LINUX ADMINISTRATION, START HERE. THIS BOOK IS ALSO GREAT FOR UNIX ADMINISTRATORS SWITCHING TO LINUX ADMINISTRATION. HERE IS WHAT YOU WILL LEARN BY READING THIS LINUX SYSTEM ADMINISTRATION BOOK: HOW THE THE BOOT PROCESS WORKS ON LINUX SERVERS AND WHAT YOU CAN DO TO CONTROL IT. THE VARIOUS TYPES OF MESSAGES GENERATED BY A LINUX SYSTEM, WHERE THEY'RE STORED, AND HOW TO AUTOMATICALLY PREVENT THEM FROM FILLING UP YOUR DISKS. DISK MANAGEMENT, PARTITIONING, AND FILE SYSTEM CREATION. MANAGING LINUX USERS AND GROUPS. EXACTLY HOW PERMISSIONS WORK AND HOW TO DECIPHER THE MOST CRYPTIC LINUX PERMISSIONS WITH EASE. NETWORKING CONCEPTS THAT APPLY TO SYSTEM ADMINISTRATION AND SPECIFICALLY HOW TO CONFIGURE LINUX NETWORK INTERFACES. HOW TO USE THE NANO, VI, AND EMACS EDITORS. HOW TO SCHEDULE AND AUTOMATE JOBS USING

CRON. HOW TO SWITCH USERS AND RUN PROCESSES AS OTHERS. HOW TO CONFIGURE SUDO. HOW TO FIND AND INSTALL SOFTWARE. MANAGING PROCESS AND JOBS. HOW TO MAKE THE MOST OUT OF THE LINUX COMMAND LINE SEVERAL LINUX COMMANDS YOU'LL NEED TO KNOW LINUX SHELL SCRIPTING WHAT YOU LEARN IN BOOK APPLIES TO ANY LINUX SYSTEM INCLUDING UBUNTU LINUX, DEBIAN, LINUX MINT, REDHAT LINUX, CENTOS, FEDORA, SUSE LINUX, ARCH LINUX, KALI LINUX AND MORE.REAL ADVICE FROM A REAL, PROFESSIONAL LINUX ADMINISTRATORJASON CANNON IS THE AUTHOR OF LINUX FOR BEGINNERS, THE FOUNDER OF THE LINUX TRAINING ACADEMY, AND AN INSTRUCTOR TO OVER 40,000 SATISFIED STUDENTS. HE STARTED HIS IT CAREER IN THE LATE 1990'S AS A UNIX AND LINUX SYSTEM ENGINEER AND HE'LL BE SHARING HIS REAL-WORLD LINUX EXPERIENCE WITH YOU THROUGHOUT THIS BOOK.BY THE END OF THIS BOOK YOU WILL FULLY UNDERSTAND THE MOST IMPORTANT AND FUNDAMENTAL CONCEPTS OF LINUX SERVER ADMINISTRATION. MORE IMPORTANTLY, YOU WILL BE ABLE TO PUT THOSE CONCEPTS TO USE IN PRACTICAL REAL-WORLD SITUATIONS. YOU'LL BE ABLE TO CONFIGURE, MAINTAIN, AND SUPPORT A VARIETY OF LINUX SYSTEMS. YOU CAN EVEN USE THE SKILLS YOU LEARNED TO BECOME A LINUX SYSTEM ENGINEER OR LINUX SYSTEM ADMINISTRATOR.

**MASTERING LINUX SYSTEM ADMINISTRATION** - CHRISTINE

BRESNAHAN 2021-08-03  
FOLLOWING THE SUCCESSFUL MASTERING SERIES APPROACH, MASTERING LINUX SYSTEM ADMINISTRATION DEMONSTRATES PRACTICAL APPLICATIONS OF THE LINUX OPERATING SYSTEM, HELPING ENTRY-LEVEL AND EXPERIENCED SYSTEM ADMINS TO MANAGE AND SECURE LINUX SERVERS. THIS PRACTICAL BOOK PROVIDES A LEARNING-BY-DOING APPROACH, TAKING YOU FROM A CORE UNDERSTANDING OF LINUX TO MASTERY. ORGANIZED BY TASKS, THIS BOOK INCLUDES COVERAGE OF: COMPONENTS OF LINUX DESKTOP AND SERVER STORAGE OF INFORMATION ON A LINUX SYSTEM ADDING A COMPUTER IN A LINUX SYSTEM NAVIGATING THE COMMAND LINE AND USING THE COMMAND LINE TO CREATE, MOVE, DELETE, AND ARCHIVING FILES AND SEARCHING AND EXTRACTING DATA FROM FILES TURNING COMMANDS INTO SCRIPTS COMMAND LINE EDITOR AND TEXT FILES IDENTIFYING USER TYPES CREATING USERS AND GROUPS SETTING PERMISSION AND OWNERSHIP SPECIAL DIRECTORIES AND FILES MASTERING LINUX SYSTEM ADMINISTRATION PROVIDES INSTRUCTOR MATERIALS, INCLUDING A SAMPLE SYLLABUS, ADDITIONAL REVIEW QUESTIONS, AND POWERPOINT SLIDES.

PYTHON FOR UNIX AND LINUX SYSTEM ADMINISTRATION - NOAH GIFT  
2008-08-22

PYTHON IS AN IDEAL LANGUAGE FOR SOLVING PROBLEMS, ESPECIALLY IN LINUX AND UNIX NETWORKS. WITH

THIS PRAGMATIC BOOK, ADMINISTRATORS CAN REVIEW VARIOUS TASKS THAT OFTEN OCCUR IN THE MANAGEMENT OF THESE SYSTEMS, AND LEARN HOW PYTHON CAN PROVIDE A MORE EFFICIENT AND LESS PAINFUL WAY TO HANDLE THEM. EACH CHAPTER IN PYTHON FOR UNIX AND LINUX SYSTEM ADMINISTRATION PRESENTS A PARTICULAR ADMINISTRATIVE ISSUE, SUCH AS CONCURRENCY OR DATA BACKUP, AND PRESENTS PYTHON SOLUTIONS THROUGH HANDS-ON EXAMPLES. ONCE YOU FINISH THIS BOOK, YOU'LL BE ABLE TO DEVELOP YOUR OWN SET OF COMMAND-LINE UTILITIES WITH PYTHON TO TACKLE A WIDE RANGE OF PROBLEMS. DISCOVER HOW THIS LANGUAGE CAN HELP YOU: READ TEXT FILES AND EXTRACT INFORMATION RUN TASKS CONCURRENTLY USING THE THREADING AND FORKING OPTIONS GET INFORMATION FROM ONE PROCESS TO ANOTHER USING NETWORK FACILITIES CREATE CLICKABLE GUIs TO HANDLE LARGE AND COMPLEX UTILITIES MONITOR LARGE CLUSTERS OF MACHINES BY INTERACTING WITH SNMP PROGRAMMATICALLY MASTER THE IPYTHON INTERACTIVE PYTHON SHELL TO REPLACE OR AUGMENT BASH, KORN, OR Z-SHELL INTEGRATE CLOUD COMPUTING INTO YOUR INFRASTRUCTURE, AND LEARN TO WRITE A GOOGLE APP ENGINE APPLICATION SOLVE UNIQUE DATA BACKUP CHALLENGES WITH CUSTOMIZED SCRIPTS INTERACT WITH MYSQL, SQLITE, ORACLE, POSTGRES, DJANGO ORM,

AND SQLALCHEMY WITH THIS BOOK, YOU'LL LEARN HOW TO PACKAGE AND DEPLOY YOUR PYTHON APPLICATIONS AND LIBRARIES, AND WRITE CODE THAT RUNS EQUALLY WELL ON MULTIPLE UNIX PLATFORMS. YOU'LL ALSO LEARN ABOUT SEVERAL PYTHON-RELATED TECHNOLOGIES THAT WILL MAKE YOUR LIFE MUCH EASIER.

**LINUX SYSTEM ADMINISTRATION HANDBOOK** - MARK F. KOMARINSKI 1998

TECHNICAL AND PRACTICAL EXPLANATIONS ARE GIVEN OF EVERY MAJOR SYSTEM ADMINISTRATION TASK, INCLUDING SECURITY, INTERNET SETUP, HARDWARE CONFIGURATION, AND FILE SERVING. THE CD-ROM CONTAINS OPENLINUX FROM CALDERA, THE MOST POPULAR BUSINESS VERSION OF LINUX.

**LINUX SYSTEM ADMINISTRATION** - MARCEL GAGNÉ 2002

A DEFINITIVE GUIDE TO LINUX SYSTEM ADMINISTRATION IS WRITTEN BY A NOTED AUTHORITY ON THE SUBJECT. DESIGNED FOR SYSTEM ADMINISTRATORS AT EVERY LEVEL, THIS TITLE INCLUDES "CHEAT SHEETS," QUICK REFERENCE GUIDES, AND NUMEROUS EXAMPLES, STARTING WITH SIMPLER IDEAS AND WORKING TOWARD MORE COMPLEX TOPICS.

**LINUX FOR WINDOWS? ADMINISTRATORS** - MARK MINASI 2002-12-10

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

**LINUX NETWORK ADMINISTRATOR'S GUIDE** - OLAF KIRCH 2000  
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).

THE PRACTICE OF CLOUD SYSTEM ADMINISTRATION - THOMAS A. LIMONCELLI 2014-09-01

"THERE'S AN INCREDIBLE AMOUNT OF DEPTH AND THINKING IN THE PRACTICES DESCRIBED HERE, AND IT'S IMPRESSIVE TO SEE IT ALL IN ONE PLACE." —WIN TREESE, COAUTHOR OF DESIGNING SYSTEMS FOR INTERNET COMMERCE

THE PRACTICE OF CLOUD SYSTEM ADMINISTRATION, VOLUME 2, FOCUSES ON "DISTRIBUTED" OR "CLOUD" COMPUTING AND BRINGS A DEVOPS/SRE SENSIBILITY TO THE PRACTICE OF SYSTEM ADMINISTRATION. UNSATISFIED WITH BOOKS THAT COVER EITHER DESIGN OR OPERATIONS IN ISOLATION, THE AUTHORS CREATED THIS AUTHORITATIVE REFERENCE CENTERED ON A COMPREHENSIVE APPROACH. CASE STUDIES AND EXAMPLES FROM GOOGLE, ETSY, TWITTER, FACEBOOK, NETFLIX, AMAZON, AND OTHER INDUSTRY GIANTS ARE EXPLAINED IN PRACTICAL WAYS THAT ARE USEFUL TO ALL ENTERPRISES. THE NEW COMPANION TO THE BEST-SELLING FIRST VOLUME, THE PRACTICE OF SYSTEM AND NETWORK ADMINISTRATION, SECOND EDITION, THIS GUIDE OFFERS EXPERT COVERAGE OF THE FOLLOWING AND MANY OTHER CRUCIAL TOPICS: DESIGNING AND BUILDING MODERN WEB AND DISTRIBUTED

SYSTEMS FUNDAMENTALS OF LARGE SYSTEM DESIGN UNDERSTAND THE NEW SOFTWARE ENGINEERING IMPLICATIONS OF CLOUD ADMINISTRATION MAKE SYSTEMS THAT ARE RESILIENT TO FAILURE AND GROW AND SCALE DYNAMICALLY IMPLEMENT DEVOPS PRINCIPLES AND CULTURAL CHANGES IAAS/PAAAS/SAAAS AND VIRTUAL PLATFORM SELECTION OPERATING AND RUNNING SYSTEMS USING THE LATEST DEVOPS/SRE STRATEGIES UPGRADE PRODUCTION SYSTEMS WITH ZERO DOWN-TIME WHAT AND HOW TO AUTOMATE; HOW TO DECIDE WHAT NOT TO AUTOMATE ON-CALL BEST PRACTICES THAT IMPROVE UPTIME WHY DISTRIBUTED SYSTEMS REQUIRE FUNDAMENTALLY DIFFERENT SYSTEM ADMINISTRATION TECHNIQUES IDENTIFY AND RESOLVE RESILIENCY PROBLEMS BEFORE THEY SURPRISE YOU ASSESSING AND EVALUATING YOUR TEAM'S OPERATIONAL EFFECTIVENESS MANAGE THE SCIENTIFIC PROCESS OF CONTINUOUS IMPROVEMENT A FORTY-PAGE, PAIN-FREE ASSESSMENT SYSTEM YOU CAN START USING TODAY

**THE PRACTICE OF SYSTEM AND NETWORK ADMINISTRATION** - THOMAS A. LIMONCELLI 2007

SHARES THE SIX KEY PRINCIPLES OF SITE DESIGN AND SUPPORT PRACTICES: SIMPLICITY, CLARITY, GENERALITY, AUTOMATION, COMMUNICATION, AND BASICS FIRST. THIS BOOK PROVIDES ADVICE ON TOPICS WHICH INCLUDE THE KEY ELEMENTS YOUR NETWORKS/SYSTEMS NEED THAT WILL MAKE ALL OTHER SERVICES RUN BETTER,

AND BUILDING AND RUNNING RELIABLE, SCALABLE SERVICES.

**LINUX ADMINISTRATION HANDBOOK** - EVI NEMETH 2006-10-30

“AS THIS BOOK SHOWS, LINUX SYSTEMS ARE JUST AS FUNCTIONAL, SECURE, AND RELIABLE AS THEIR PROPRIETARY COUNTERPARTS. THANKS TO THE ONGOING EFFORTS OF THOUSANDS OF LINUX DEVELOPERS, LINUX IS MORE READY THAN EVER FOR DEPLOYMENT AT THE FRONTLINES OF THE REAL WORLD. THE AUTHORS OF THIS BOOK KNOW THAT TERRAIN WELL, AND I AM HAPPY TO LEAVE YOU IN THEIR MOST CAPABLE HANDS.” –LINUS TORVALDS “THE MOST SUCCESSFUL SYSADMIN BOOK OF ALL TIME–BECAUSE IT WORKS!” –RIK FARROW, EDITOR OF ;LOGIN: “THIS BOOK CLEARLY EXPLAINS CURRENT TECHNOLOGY WITH THE PERSPECTIVE OF DECADES OF EXPERIENCE IN LARGE-SCALE SYSTEM ADMINISTRATION. UNIQUE AND HIGHLY RECOMMENDED.” –JONATHAN CORBET, COFOUNDER, LWN.NET “NEMETH ET AL. IS THE OVERALL WINNER FOR LINUX ADMINISTRATION: IT’S INTELLIGENT, FULL OF INSIGHTS, AND LOOKS AT THE IMPLEMENTATION OF CONCEPTS.” –PETER SALUS, EDITORIAL DIRECTOR, MATRIX.NET SINCE 2001, LINUX ADMINISTRATION HANDBOOK HAS BEEN THE DEFINITIVE RESOURCE FOR EVERY LINUX® SYSTEM ADMINISTRATOR WHO MUST EFFICIENTLY SOLVE TECHNICAL PROBLEMS AND MAXIMIZE THE RELIABILITY AND PERFORMANCE OF A PRODUCTION ENVIRONMENT. NOW, THE AUTHORS HAVE SYSTEMATICALLY

UPDATED THIS CLASSIC GUIDE TO ADDRESS TODAY'S MOST IMPORTANT LINUX DISTRIBUTIONS AND MOST POWERFUL NEW ADMINISTRATIVE TOOLS. THE AUTHORS SPELL OUT DETAILED BEST PRACTICES FOR EVERY FACET OF SYSTEM ADMINISTRATION, INCLUDING STORAGE MANAGEMENT, NETWORK DESIGN AND ADMINISTRATION, WEB HOSTING, SOFTWARE CONFIGURATION MANAGEMENT, PERFORMANCE ANALYSIS, WINDOWS INTEROPERABILITY, AND MUCH MORE. SYSADMINS WILL ESPECIALLY APPRECIATE THE THOROUGH AND UP-TO-DATE DISCUSSIONS OF SUCH DIFFICULT TOPICS SUCH AS DNS, LDAP, SECURITY, AND THE MANAGEMENT OF IT SERVICE ORGANIZATIONS. LINUX® ADMINISTRATION HANDBOOK, SECOND EDITION, REFLECTS THE CURRENT VERSIONS OF THESE LEADING DISTRIBUTIONS: RED HAT® ENTERPRISE LINUX® FEDORA™ CORE SUSE® LINUX ENTERPRISE DEBIAN® GNU/LINUX UBUNTU® LINUX SHARING THEIR WAR STORIES AND HARD-WON INSIGHTS, THE AUTHORS CAPTURE THE BEHAVIOR OF LINUX SYSTEMS IN THE REAL WORLD, NOT JUST IN IDEAL ENVIRONMENTS. THEY EXPLAIN COMPLEX TASKS IN DETAIL AND ILLUSTRATE THESE TASKS WITH EXAMPLES DRAWN FROM THEIR EXTENSIVE HANDS-ON EXPERIENCE.

**LINUX IN ACTION** - DAVID CLINTON  
2018-08-19

SUMMARY LINUX IN ACTION IS A TASK-BASED TUTORIAL THAT WILL GIVE YOU

THE SKILLS AND DEEP UNDERSTANDING YOU NEED TO ADMINISTER A LINUX-BASED SYSTEM. THIS HANDS-ON BOOK GUIDES YOU THROUGH 12 REAL-WORLD PROJECTS SO YOU CAN PRACTICE AS YOU LEARN. EACH CHAPTER ENDS WITH A REVIEW OF BEST PRACTICES, NEW TERMS, AND EXERCISES. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND ePub FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY YOU CAN'T LEARN ANYTHING WITHOUT GETTING YOUR HANDS DIRTY? €? ,-? € INCLUDING LINUX. SKILLS LIKE SECURING FILES, FOLDERS, AND SERVERS, SAFELY INSTALLING PATCHES AND APPLICATIONS, AND MANAGING A NETWORK ARE REQUIRED FOR ANY SERIOUS USER, INCLUDING DEVELOPERS, ADMINISTRATORS, AND DEVOPS PROFESSIONALS. WITH THIS HANDS-ON TUTORIAL, YOU'LL ROLL UP YOUR SLEEVES AND LEARN LINUX PROJECT BY PROJECT. ABOUT THE BOOK LINUX IN ACTION GUIDES YOU THROUGH 12 REAL-WORLD PROJECTS, INCLUDING AUTOMATING A BACKUP-AND-RESTORE SYSTEM, SETTING UP A PRIVATE DROPBOX-STYLE FILE CLOUD, AND BUILDING YOUR OWN MEDIA WIKI SERVER. YOU'LL TRY OUT INTERESTING EXAMPLES AS YOU LOCK IN CORE PRACTICES LIKE VIRTUALIZATION, DISASTER RECOVERY, SECURITY, BACKUP, DEVOPS, AND SYSTEM TROUBLESHOOTING. EACH CHAPTER ENDS WITH A REVIEW OF BEST PRACTICES, NEW TERMS, AND EXERCISES.

WHAT'S INSIDE SETTING UP A SAFE LINUX ENVIRONMENT MANAGING SECURE REMOTE CONNECTIVITY BUILDING A SYSTEM RECOVERY DEVICE PATCHING AND UPGRADING YOUR SYSTEM ABOUT THE READER NO PRIOR LINUX ADMIN EXPERIENCE IS REQUIRED. ABOUT THE AUTHOR DAVID CLINTON IS A CERTIFIED LINUX SERVER PROFESSIONAL, SEASONED INSTRUCTOR, AND AUTHOR OF MANNING'S BESTSELLING LEARN AMAZON WEB SERVICES IN A MONTH OF LUNCHES. TABLE OF CONTENTS WELCOME TO LINUX LINUX VIRTUALIZATION: BUILDING A LINUX WORKING ENVIRONMENT REMOTE CONNECTIVITY: SAFELY ACCESSING NETWORKED MACHINES ARCHIVE MANAGEMENT: BACKING UP OR COPYING ENTIRE FILE SYSTEMS AUTOMATED ADMINISTRATION: CONFIGURING AUTOMATED OFFSITE BACKUPS EMERGENCY TOOLS: BUILDING A SYSTEM RECOVERY DEVICE WEB SERVERS: BUILDING A MEDIA WIKI SERVER NETWORKED FILE SHARING: BUILDING A NEXTCLOUD FILE-SHARING SERVER SECURING YOUR WEB SERVER SECURING NETWORK CONNECTIONS: CREATING A VPN OR DMZ SYSTEM MONITORING: WORKING WITH LOG FILES SHARING DATA OVER A PRIVATE NETWORK TROUBLESHOOTING SYSTEM PERFORMANCE ISSUES TROUBLESHOOTING NETWORK ISSUES TROUBLESHOOTING PERIPHERAL DEVICES DEVOPS TOOLS: DEPLOYING A SCRIPTED SERVER ENVIRONMENT USING ANSIBLE **MANAGING LINUX SYSTEMS WITH**

**WEBMIN** - JAMIE CAMERON 2004 BULL; WRITTEN BY THE CREATOR OF WEBMIN -- THE MOST POPULAR GUI ADMIN TOOL FOR LINUX BULL; WEBMIN IS CURRENTLY DOWNLOADED 4000 TIMES A DAY ¶ -- NEARLY ONE MILLION TIMES OF ALL VERSIONS IN THE LAST YEAR! SHOWS HOW TO USE WEBMIN TO CONFIGURE APACHE, SENDMAIL, AND OTHER COMPLEX LINUX SERVERS BULL; START DEVELOPING YOUR OWN WEBMIN MODULES AND THEMES WITH THE COMPLETE REFERENCE FOR THE API RED HAT ENTERPRISE LINUX 9 ADMINISTRATION - PABLO IRANZO GOMEZ 2022-11-18 DEVELOP THE SKILLS REQUIRED TO ADMINISTER YOUR RHEL ENVIRONMENT ON-PREMISES AND IN THE CLOUD WHILE PREPARING FOR THE RHCSA EXAM PURCHASE OF THE PRINT OR KINDLE BOOK INCLUDES A FREE eBook IN PDF FORMAT KEY FEATURES BECOME A PRO AT SYSTEM ADMINISTRATION FROM INSTALLATION TO CONTAINER MANAGEMENT SECURE AND HARDEN YOUR LINUX ENVIRONMENT USING SSH, SELINUX, FIREWALL, AND SYSTEM PERMISSIONS GAIN CONFIDENCE TO PASS THE RHCSA EXAM WITH THE HELP OF PRACTICE TESTS BOOK DESCRIPTION WITH RED HAT ENTERPRISE LINUX 9 BECOMING THE STANDARD FOR ENTERPRISE LINUX USED FROM DATA CENTERS TO THE CLOUD, LINUX ADMINISTRATION SKILLS ARE IN HIGH DEMAND. WITH THIS BOOK, YOU'LL LEARN HOW TO DEPLOY, ACCESS, TWEAK, AND IMPROVE ENTERPRISE SERVICES ON ANY SYSTEM ON ANY

CLOUD RUNNING RED HAT ENTERPRISE LINUX 9. THROUGHOUT THE BOOK, YOU'LL GET TO GRIPS WITH ESSENTIAL TASKS SUCH AS CONFIGURING AND MAINTAINING SYSTEMS, INCLUDING SOFTWARE INSTALLATION, UPDATES, AND CORE SERVICES. YOU'LL ALSO UNDERSTAND HOW TO CONFIGURE THE LOCAL STORAGE USING PARTITIONS AND LOGICAL VOLUMES, AS WELL AS ASSIGN AND DEDUPLICATE STORAGE. YOU'LL LEARN HOW TO DEPLOY SYSTEMS WHILE ALSO MAKING THEM SECURE AND RELIABLE. THIS BOOK PROVIDES A BASE FOR USERS WHO PLAN TO BECOME FULL-TIME LINUX SYSTEM ADMINISTRATORS BY PRESENTING KEY COMMAND-LINE CONCEPTS AND ENTERPRISE-LEVEL TOOLS, ALONG WITH ESSENTIAL TOOLS FOR HANDLING FILES, DIRECTORIES, COMMAND-LINE ENVIRONMENTS, AND DOCUMENTATION FOR CREATING SIMPLE SHELL SCRIPTS OR RUNNING COMMANDS. WITH THE HELP OF COMMAND LINE EXAMPLES AND PRACTICAL TIPS, YOU'LL LEARN BY DOING AND SAVE YOURSELF A LOT OF TIME. BY THE END OF THE BOOK, YOU'LL HAVE GAINED THE CONFIDENCE TO MANAGE THE FILESYSTEM, USERS, STORAGE, NETWORK CONNECTIVITY, SECURITY, AND SOFTWARE IN RHEL 9 SYSTEMS ON ANY FOOTPRINT. WHAT YOU WILL LEARN BECOME WELL VERSED WITH THE FUNDAMENTALS OF RHEL 9—FROM SYSTEM DEPLOYMENT TO USER MANAGEMENT SECURE A SYSTEM BY USING SELINUX POLICIES AND CONFIGURING FIREWALL RULES UNDERSTAND LVM TO MANAGE

VOLUMES AND MAINTAIN VDO DEDUPLICATION MANAGE A SYSTEM REMOTELY USING SSH AND PUBLIC KEY AUTHENTICATION GET THE HANG OF THE BOOT PROCESS AND KERNEL TUNABLE TO ADJUST YOUR SYSTEMS AUTOMATE SIMPLE TASKS USING SCRIPTS OR ANSIBLE PLAYBOOKS WHO THIS BOOK IS FOR THIS BOOK IS FOR RED HAT ENTERPRISE LINUX SYSTEM ADMINISTRATORS AND LINUX SYSTEM ADMINISTRATORS. IT'S ALSO A GOOD RESOURCE FOR ANY IT PROFESSIONAL WHO WANTS TO LEARN SYSTEM ADMINISTRATION. RHCSA CERTIFICATION CANDIDATES WILL FIND THIS BOOK USEFUL IN THEIR PREPARATION FOR THE CERTIFICATION EXAM. MASTERING LINUX ADMINISTRATION - ALEXANDRU CALCATINGE 2021-06-18 DEVELOP ADVANCED SKILLS FOR WORKING WITH LINUX SYSTEMS ON-PREMISES AND IN THE CLOUD KEY FEATURES BECOME PROFICIENT IN EVERYDAY LINUX ADMINISTRATION TASKS BY MASTERING THE LINUX COMMAND LINE AND USING AUTOMATION WORK WITH THE LINUX FILESYSTEM, PACKAGES, USERS, PROCESSES, AND DAEMONS DEPLOY LINUX TO THE CLOUD WITH AWS, AZURE, AND KUBERNETES BOOK DESCRIPTION LINUX PLAYS A SIGNIFICANT ROLE IN MODERN DATA CENTER MANAGEMENT AND PROVIDES GREAT VERSATILITY IN DEPLOYING AND MANAGING YOUR WORKLOADS ON-PREMISES AND IN THE CLOUD. THIS BOOK

COVERS THE IMPORTANT TOPICS YOU NEED TO KNOW ABOUT FOR YOUR EVERYDAY LINUX ADMINISTRATION TASKS. THE BOOK STARTS BY HELPING YOU UNDERSTAND THE LINUX COMMAND LINE AND HOW TO WORK WITH FILES, PACKAGES, AND FILESYSTEMS. YOU'LL THEN BEGIN ADMINISTERING NETWORK SERVICES AND HARDENING SECURITY, AND LEARN ABOUT CLOUD COMPUTING, CONTAINERS, AND ORCHESTRATION. ONCE YOU'VE LEARNED HOW TO WORK WITH THE COMMAND LINE, YOU'LL EXPLORE THE ESSENTIAL LINUX COMMANDS FOR MANAGING USERS, PROCESSES, AND DAEMONS AND DISCOVER HOW TO SECURE YOUR LINUX ENVIRONMENT USING APPLICATION SECURITY FRAMEWORKS AND FIREWALL MANAGERS. AS YOU ADVANCE THROUGH THE CHAPTERS, YOU'LL WORK WITH CONTAINERS, HYPERVISORS, VIRTUAL MACHINES, ANSIBLE, AND KUBERNETES. YOU'LL ALSO LEARN HOW TO DEPLOY LINUX TO THE CLOUD USING AWS AND AZURE. BY THE END OF THIS LINUX BOOK, YOU'LL BE WELL-VERSED WITH LINUX AND HAVE MASTERED EVERYDAY ADMINISTRATIVE TASKS USING WORKFLOWS SPANNING FROM ON-PREMISES TO THE CLOUD. IF YOU ALSO FIND YOURSELF ADOPTING DEVOPS PRACTICES IN THE PROCESS, WE'LL CONSIDER OUR MISSION ACCOMPLISHED. WHAT YOU WILL LEARN UNDERSTAND HOW LINUX WORKS AND LEARN BASIC TO ADVANCED LINUX ADMINISTRATION SKILLS EXPLORE THE MOST WIDELY USED COMMANDS FOR MANAGING THE LINUX FILESYSTEM, NETWORK, SECURITY, AND

MOREGET TO GRIPS WITH DIFFERENT NETWORKING AND MESSAGING PROTOCOLS FIND OUT HOW LINUX SECURITY WORKS AND HOW TO CONFIGURE SELINUX, APPARMOR, AND LINUX IPTABLES WORK WITH VIRTUAL MACHINES AND CONTAINERS AND UNDERSTAND CONTAINER ORCHESTRATION WITH KUBERNETES WORK WITH CONTAINERIZED WORKFLOWS USING DOCKER AND KUBERNETES AUTOMATE YOUR CONFIGURATION MANAGEMENT WORKLOADS WITH ANSIBLE WHO THIS BOOK IS FOR IF YOU ARE A LINUX ADMINISTRATOR WHO WANTS TO UNDERSTAND THE FUNDAMENTALS AND AS WELL AS MODERN CONCEPTS OF LINUX SYSTEM ADMINISTRATION, THIS BOOK IS FOR YOU. WINDOWS SYSTEM ADMINISTRATORS LOOKING TO EXTEND THEIR KNOWLEDGE TO THE LINUX OS WILL ALSO BENEFIT FROM THIS BOOK. *SELINUX SYSTEM ADMINISTRATION - SVEN VERMEULEN 2020-12-04* ENHANCE LINUX SECURITY, APPLICATION PLATFORMS, AND VIRTUALIZATION SOLUTIONS WITH SELINUX 3 TO WORK WITHIN YOUR BOUNDARIES, YOUR RULES, AND YOUR POLICIES KEY FEATURES LEARN WHAT SELINUX IS, AND HOW IT ACTS AS A MANDATORY ACCESS CONTROL SYSTEM ON LINUX APPLY AND TUNE SELINUX ENFORCEMENT TO USERS, APPLICATIONS, PLATFORMS, AND VIRTUALIZATION SOLUTIONS USE REAL-LIFE EXAMPLES AND CUSTOM POLICIES TO STRENGTHEN THE SECURITY POSTURE OF YOUR SYSTEMS BOOK

DESCRIPTION LINUX IS A DOMINANT PLAYER IN MANY ORGANIZATIONS AND IN THE CLOUD. SECURING THE LINUX ENVIRONMENT IS EXTREMELY IMPORTANT FOR ANY ORGANIZATION, AND SECURITY-ENHANCED LINUX (SELINUX) ACTS AS AN ADDITIONAL LAYER TO LINUX SYSTEM SECURITY. SELINUX SYSTEM ADMINISTRATION COVERS BASIC SELINUX CONCEPTS AND SHOWS YOU HOW TO ENHANCE LINUX SYSTEM PROTECTION MEASURES. YOU WILL GET TO GRIPS WITH SELINUX AND UNDERSTAND HOW IT IS INTEGRATED. AS YOU PROGRESS, YOU'LL GET HANDS-ON EXPERIENCE OF TUNING AND CONFIGURING SELINUX AND INTEGRATING IT INTO DAY-TO-DAY ADMINISTRATION TASKS SUCH AS USER MANAGEMENT, NETWORK MANAGEMENT, AND APPLICATION MAINTENANCE. PLATFORMS SUCH AS KUBERNETES, SYSTEM SERVICES LIKE SYSTEMD, AND VIRTUALIZATION SOLUTIONS LIKE LIBVIRT AND XEN, ALL OF WHICH OFFER SELINUX-SPECIFIC CONTROLS, WILL BE EXPLAINED EFFECTIVELY SO THAT YOU UNDERSTAND HOW TO APPLY AND CONFIGURE SELINUX WITHIN THESE APPLICATIONS. IF APPLICATIONS DO NOT EXERT THE EXPECTED BEHAVIOR, YOU'LL LEARN HOW TO FINE-TUNE POLICIES TO SECURELY HOST THESE APPLICATIONS. IN CASE NO POLICIES EXIST, THE BOOK WILL GUIDE YOU THROUGH DEVELOPING CUSTOM POLICIES ON YOUR OWN. BY THE END OF THIS LINUX BOOK, YOU'LL BE ABLE TO HARDEN ANY LINUX SYSTEM USING SELINUX TO SUIT YOUR NEEDS AND

FINE-TUNE EXISTING POLICIES AND DEVELOP CUSTOM ONES TO PROTECT ANY APP AND SERVICE RUNNING ON YOUR LINUX SYSTEMS. WHAT YOU WILL LEARN UNDERSTAND WHAT SELINUX IS AND HOW IT IS INTEGRATED INTO LINUX TUNE LINUX SECURITY USING POLICIES AND THEIR CONFIGURABLE SETTINGS MANAGE LINUX USERS WITH LEAST-PRIVILEGE ROLES AND ACCESS CONTROLS USE SELINUX CONTROLS IN SYSTEM SERVICES AND VIRTUALIZATION SOLUTIONS ANALYZE SELINUX BEHAVIOR THROUGH LOG EVENTS AND POLICY ANALYSIS TOOLS PROTECT SYSTEMS AGAINST UNEXPECTED AND MALICIOUS BEHAVIOR ENHANCE EXISTING POLICIES OR DEVELOP CUSTOM ONES WHO THIS BOOK IS FOR THIS LINUX SYSADMIN BOOK IS FOR LINUX ADMINISTRATORS WHO WANT TO CONTROL THE SECURE STATE OF THEIR SYSTEMS USING SELINUX, AND FOR SECURITY PROFESSIONALS WHO HAVE EXPERIENCE IN MAINTAINING A LINUX SYSTEM AND WANT TO KNOW ABOUT SELINUX. EXPERIENCE IN MAINTAINING LINUX SYSTEMS, COVERING USER MANAGEMENT, SOFTWARE INSTALLATION AND MAINTENANCE, LINUX SECURITY CONTROLS, AND NETWORK CONFIGURATION IS REQUIRED TO GET THE MOST OUT OF THIS BOOK. **PRO LINUX SYSTEM ADMINISTRATION - JAMES TURNBULL 2009-09-01** WE CAN ALL BE LINUX EXPERTS, PROVIDED WE INVEST THE TIME IN LEARNING THE CRAFT OF LINUX ADMINISTRATION. PRO LINUX SYSTEM

ADMINISTRATION MAKES IT EASY FOR SMALL- TO MEDIUM-SIZED BUSINESSES TO ENTER THE WORLD OF ZERO-COST SOFTWARE RUNNING ON LINUX AND COVERS ALL THE DISTROS YOU MIGHT WANT TO USE, INCLUDING RED HAT, UBUNTU, DEBIAN, AND CENTOS. AUTHORS, AND SYSTEMS INFRASTRUCTURE EXPERTS JAMES TURNBULL, PETER LIEVERDINK, AND DENNIS MATOTEK TAKE A LAYERED, COMPONENT-BASED APPROACH TO OPEN SOURCE BUSINESS SYSTEMS, WHILE TRAINING SYSTEM ADMINISTRATORS AS THE BUILDERS OF BUSINESS INFRASTRUCTURE. IF YOU WANT TO IMPLEMENT A SOHO OR SMB LINUX INFRASTRUCTURE, *PRO LINUX SYSTEM ADMINISTRATION* CLEARLY DEMONSTRATES EVERYTHING YOU NEED. YOU'LL FIND THIS BOOK ALSO PROVIDES A SOLID FRAMEWORK TO MOVE FORWARD AND EXPAND YOUR BUSINESS AND ASSOCIATED IT CAPABILITIES, AND YOU'LL BENEFIT FROM THE EXPERTISE AND EXPERIENCED GUIDANCE OF THE AUTHORS. *PRO LINUX SYSTEM ADMINISTRATION* COVERS AN INTRODUCTION TO USING LINUX AND FREE AND OPEN SOURCE SOFTWARE TO CHEAPLY AND EFFICIENTLY MANAGE YOUR BUSINESS A LAYERED MODEL THAT ALLOWS YOUR INFRASTRUCTURE TO GROW WITH YOUR BUSINESS EASY AND SIMPLE-TO-UNDERSTAND INSTRUCTIONS INCLUDING CONFIGURATIONS, EXAMPLES, AND EXTENSIVE REAL-WORLD HINTS AND TIPS

**LINUX ADMINISTRATION FOR DUMMIES -**

MICHAEL BELLOMO 1999  
LEARN HOW TO MAINTAIN LINUX IN A CLIENT/SERVER ENVIRONMENT WITH THE HELP OF THIS STANDARD-SETTING REFERENCE. THE BOOK INCLUDES THE LATEST INFORMATION ON NEW FEATURES AVAILABLE IN THE LINUX OS KERNEL 2.2, LIKE THE CODA FILE SYSTEM AND SUPPORT FOR SMP AND IPV6, WHICH MADE NETWORKING A PRIORITY IN THIS UPDATED VERSION OF THE KERNEL.

UNIX AND LINUX SYSTEM ADMINISTRATION HANDBOOK - EVI NEMETH 2017-09-14

“AS AN AUTHOR, EDITOR, AND PUBLISHER, I NEVER PAID MUCH ATTENTION TO THE COMPETITION—EXCEPT IN A FEW CASES. THIS IS ONE OF THOSE CASES. THE UNIX SYSTEM ADMINISTRATION HANDBOOK IS ONE OF THE FEW BOOKS WE EVER MEASURED OURSELVES AGAINST.” —TIM O'REILLY, FOUNDER OF O'REILLY MEDIA “THIS EDITION IS FOR THOSE WHOSE SYSTEMS LIVE IN THE CLOUD OR IN VIRTUALIZED DATA CENTERS; THOSE WHOSE ADMINISTRATIVE WORK LARGELY TAKES THE FORM OF AUTOMATION AND CONFIGURATION SOURCE CODE; THOSE WHO COLLABORATE CLOSELY WITH DEVELOPERS, NETWORK ENGINEERS, COMPLIANCE OFFICERS, AND ALL THE OTHER WORKER BEES WHO INHABIT THE MODERN HIVE.” —PAUL VIXIE, INTERNET HALL OF FAME-RECOGNIZED INNOVATOR AND FOUNDER OF ISC AND FARSIGHT SECURITY “THIS BOOK IS FUN AND FUNCTIONAL AS A DESKTOP REFERENCE.

IF YOU USE UNIX AND LINUX SYSTEMS, YOU NEED THIS BOOK IN YOUR SHORT-REACH LIBRARY. IT COVERS A BIT OF THE SYSTEMS' HISTORY BUT DOESN'T BLOVIATE. IT'S JUST STRAIGHT-FORWARD INFORMATION DELIVERED IN A COLORFUL AND MEMORABLE FASHION.”

—JASON A. NUNNELLEY UNIX® AND LINUX® SYSTEM ADMINISTRATION HANDBOOK, FIFTH EDITION, IS TODAY'S DEFINITIVE GUIDE TO INSTALLING, CONFIGURING, AND MAINTAINING ANY UNIX OR LINUX SYSTEM, INCLUDING SYSTEMS THAT SUPPLY CORE INTERNET AND CLOUD INFRASTRUCTURE. UPDATED FOR NEW DISTRIBUTIONS AND CLOUD ENVIRONMENTS, THIS COMPREHENSIVE GUIDE COVERS BEST PRACTICES FOR EVERY FACET OF SYSTEM ADMINISTRATION, INCLUDING STORAGE MANAGEMENT, NETWORK DESIGN AND ADMINISTRATION, SECURITY, WEB HOSTING, AUTOMATION, CONFIGURATION MANAGEMENT, PERFORMANCE ANALYSIS, VIRTUALIZATION, DNS, SECURITY, AND THE MANAGEMENT OF IT SERVICE ORGANIZATIONS. THE AUTHORS—WORLD-CLASS, HANDS-ON TECHNOLOGISTS—OFFER INDISPENSABLE NEW COVERAGE OF CLOUD PLATFORMS, THE DEVOPS PHILOSOPHY, CONTINUOUS DEPLOYMENT, CONTAINERIZATION, MONITORING, AND MANY OTHER ESSENTIAL TOPICS. WHATEVER YOUR ROLE IN RUNNING SYSTEMS AND NETWORKS BUILT ON UNIX OR LINUX, THIS CONVERSATIONAL, WELL-WRITTEN ĆGUIDE WILL IMPROVE YOUR EFFICIENCY

AND HELP SOLVE YOUR KNOTTIEST PROBLEMS.

*RED HAT LINUX SYSTEM*

*ADMINISTRATION UNLEASHED -*

THOMAS SCHENK 2000

ANNOTATION RED HAT LINUX SYSTEM

ADMINISTRATION UNLEASHED WILL

SHOW THE READER HOW TO CONFIGURE

AND MANAGE A LINUX SYSTEM TO KEEP

IT RUNNING OPTIMALLY IN A 24x7

ENVIRONMENT. THE BOOK WILL FOCUS

ON THE DAY TO DAY OPERATIONS AND

USER ISSUES THAT SYSTEM

ADMINISTRATORS MUST DEAL WITH IN A

24x7 ENVIRONMENT. THE BOOK WILL

INCLUDE ADVANCED TOPICS SUCH AS

RAID, CUSTOMIZING THE KERNEL, AND

HACKER SECURITY. THE FOCUS OF THE

BOOK IS ON THE ISSUES AND SKILLS

RELATED TO RUNNING RED HAT LINUX

WITH OTHER OPERATING SYSTEMS -

INTERNETWORKING LINUX IN A LARGE

NETWORK SETTING WITH A LARGE USER

BASE. TOPICS INCLUDE FILE SYSTEM

AND DISK MANAGEMENT, BACKUPS AND

DISASTER RECOVERY, NETWORKING IN A

NT ENVIRONMENT, NETWORKING IN A

NETWARE ENVIRONMENT, NETWORKING

IN A UNIX ENVIRONMENT, SHELLS AND

SCRIPTING, INTERNET SERVICES, AND

SYSTEM MONITORING AND TUNING.

*LINUX - NATHAN CLARK*

2019-07-28

📖 📖 GET THE KINDLE VERSION FREE WHEN PURCHASING THE PAPERBACK! 📖 📖

MAKING DAY-TO-DAY ADMINISTRATION

AND MAINTENANCE A BREEZE SYSTEM

ADMINISTRATION IS AN ASPECT OF

LINUX THAT IS UNAVOIDABLE. EVEN

WITH THE EMERGENCE OF USER FRIENDLY

DISTRIBUTIONS LIKE UBUNTU AND MINT, A SIGNIFICANT AMOUNT OF USER CONFIGURATION IS STILL REQUIRED TO KEEP A LINUX SYSTEM RUNNING ON A DAILY BASIS. THIS BOOK HAS BEEN CREATED TO GUIDE YOU THROUGH MOST SCENARIOS YOU WILL ENCOUNTER, WHETHER YOU'RE NEW TO SYSTEM ADMINISTRATION OR HAVE BEEN MAINTAINING SYSTEMS FOR YEARS. IN THIS BOOK WE TAKE A DETAILED LOOK AT MANAGING USERS AND GROUPS, WE LOOK AT HOW TO CREATE A MORE SECURE SYSTEM THAT WILL BE LESS VULNERABLE TO THREATS, AS WELL AS DELVING INTO THE VARIOUS ASPECTS OF MANAGING FILESYSTEMS AND STORAGE PARTITIONS. WE ALSO ADDRESS SPECIFIC TOPICS SUCH AS WORKING WITH HARD AND SOFT LINKS, GETTING THE MOST OUT OF TEXT PROCESSING, PACKAGE MANAGEMENT AND ARCHITECTURE, UTILIZING SHARED LIBRARIES, MANIPULATING PROCESSES FOR SYSTEM OPTIMIZATION, AS WELL AS OTHER ESSENTIAL TOPICS EVERY PROFICIENT LINUX USER AND ADMINISTRATOR NEEDS TO KNOW. WHAT THIS BOOK OFFERS DETAILED PRACTICAL EXAMPLES THROUGHOUT THE ENTIRE GUIDE WE PROVIDE PRACTICAL EXAMPLES WITH COMMAND LINE SNIPPETS AND SYSTEM SCREENSHOTS TO DEMONSTRATE HOW THE ASPECTS WE DISCUSS ARE APPLIED ON A REAL SYSTEM. FOR COMPLICATED TOPICS WE ALSO INCLUDE STEP-BY-STEP EXAMPLES TO GUIDE YOU THROUGH A PROCESS EVERY STEP OF THE WAY. DISSECTED COMMANDS

COMMAND LINE INSTRUCTIONS ARE BROKEN DOWN INTO THEIR BASIC COMMANDS, WITH EACH COMPONENT EXPLAINED IN DETAIL, MAKING LEARNING EASY AND MUCH MORE MANAGEABLE. WE ALSO LOOK AT THE VARIOUS OPTIONS AND SWITCHES AVAILABLE FOR EACH COMMAND, ALONG WITH ACCOMPANYING EXAMPLES. REFERENCED GUI TOOLS GRAPHICAL TOOLS CAN MAKE ADMINISTERING A LINUX SYSTEM MUCH MORE ENJOYABLE AND HASSLE FREE. AS SUCH, WE PROVIDE REFERENCES TO OUR RECOMMENDED GUI OPTIONS FOR MANY ADMINISTRATIVE FUNCTIONS, WHERE AVAILABLE. KEY TOPICS THE LINUX BOOT PROCESS STARTUP AND BOOT ORDER ALTERNATIVE BOOT LOADERS REVIEWING THE BOOT PROCESS COMMANDS TO RESTART AND STOP THE SYSTEM HARDWARE MANAGEMENT HARDWARE DETECTION USING THE /PROC FILESYSTEM COMMAND LINE TOOLS GRAPHICAL TOOLS SHARED LIBRARIES NAMING CONVENTIONS IDENTIFYING REFERENCED LIBRARIES USING LDD IDENTIFYING REFERENCED LIBRARIES USING OBJDUMP USER AND GROUP MANAGEMENT STORAGE OF USER AND GROUP DATA USER AND GROUP COMMANDS FILESYSTEMS TYPES OF COMMONLY USED FILESYSTEMS FILESYSTEM COMMANDS DISK STORAGE MANAGEMENT NAMING THE DEVICES PRIMARY, EXTENDED, AND LOGICAL PARTITIONS UDEV AND DF MOUNTING A FILESYSTEM UNMOUNTING A FILESYSTEM AUTOMATING MOUNT POINTS SETTING UP NEW PARTITIONS

WORKING WITH LINKS HARD LINKS  
SOFT LINKS d 104 PROCESSING d 104  
PROCESSING COMMANDS COMBINING  
COMMANDS PACKAGE MANAGEMENT  
UNDERSTANDING PACKAGE  
ARCHITECTURE DAY-TO-DAY  
ADMINISTRATION TASKS LOG FILES  
IMPORTANT LOG FILES ESSENTIAL  
COMMANDS ¶ GRAPHICAL TOOLS  
PROCESS MANAGEMENT WORKING WITH  
PROCESSES SYSTEM AND NETWORK  
SECURITY OPEN PORTS LOCAL AND  
REMOTE USERS RESTRICTING REMOTE  
ACCESS UNUSED SOFTWARE LEARN  
SYSTEM ADMINISTRATION THE EASY  
WAY, GET YOUR COPY TODAY!  
LINUX IN A NUTSHELL - ELLEN SIEVER  
2005

OVER THE LAST FEW YEARS, LINUX HAS GROWN BOTH AS AN OPERATING SYSTEM AND A TOOL FOR PERSONAL AND BUSINESS USE. SIMULTANEOUSLY BECOMING MORE USER FRIENDLY AND MORE POWERFUL AS A BACK-END SYSTEM, LINUX HAS ACHIEVED NEW PLATEAUS: THE NEWER FILESYSTEMS HAVE SOLIDIFIED, NEW COMMANDS AND TOOLS HAVE APPEARED AND BECOME STANDARD, AND THE DESKTOP-- INCLUDING NEW DESKTOP ENVIRONMENTS--HAVE PROVED TO BE VIABLE, STABLE, AND READILY ACCESSIBLE TO EVEN THOSE WHO DON'T CONSIDER THEMSELVES COMPUTER GURUS. WHETHER YOU'RE USING LINUX FOR PERSONAL SOFTWARE PROJECTS, FOR A SMALL OFFICE OR HOME OFFICE (OFTEN TERMED THE SOHO ENVIRONMENT), TO PROVIDE SERVICES TO A SMALL GROUP OF

COLLEAGUES, OR TO ADMINISTER A SITE RESPONSIBLE FOR MILLIONS OF EMAIL AND WEB CONNECTIONS EACH DAY, YOU NEED QUICK ACCESS TO INFORMATION ON A WIDE RANGE OF TOOLS. THIS BOOK COVERS ALL ASPECTS OF ADMINISTERING AND MAKING EFFECTIVE USE OF LINUX SYSTEMS. AMONG ITS TOPICS ARE BOOTING, PACKAGE MANAGEMENT, AND REVISION CONTROL. BUT FOREMOST IN LINUX IN A NUTSHELL ARE THE UTILITIES AND COMMANDS THAT MAKE LINUX ONE OF THE MOST POWERFUL AND FLEXIBLE SYSTEMS AVAILABLE. NOW IN ITS FIFTH EDITION, LINUX IN A NUTSHELL BRINGS USERS UP-TO-DATE WITH THE CURRENT STATE OF LINUX. CONSIDERED BY MANY TO BE THE MOST COMPLETE AND AUTHORITATIVE COMMAND REFERENCE FOR LINUX AVAILABLE, THE BOOK COVERS ALL SUBSTANTIAL USER, PROGRAMMING, ADMINISTRATION, AND NETWORKING COMMANDS FOR THE MOST COMMON LINUX DISTRIBUTIONS. COMPREHENSIVE BUT CONCISE, THE FIFTH EDITION HAS BEEN UPDATED TO COVER NEW FEATURES OF MAJOR LINUX DISTRIBUTIONS. CONFIGURATION INFORMATION FOR THE RAPIDLY GROWING COMMERCIAL NETWORK SERVICES AND COMMUNITY UPDATE SERVICES IS ONE OF THE SUBJECTS COVERED FOR THE FIRST TIME. BUT THAT'S JUST THE BEGINNING. THE BOOK COVERS EDITORS, SHELLS, AND LILO AND GRUB BOOT OPTIONS. THERE'S ALSO COVERAGE OF APACHE, SAMBA, POSTFIX, SENDMAIL, CVS, SUBVERSION, EMACS, VI, SED, GAWK,

AND MUCH MORE. EVERYTHING THAT SYSTEM ADMINISTRATORS, DEVELOPERS, AND POWER USERS NEED TO KNOW ABOUT LINUX IS REFERENCED HERE, AND THEY WILL TURN TO THIS BOOK AGAIN AND AGAIN.

**LINUX SYSTEM ADMINISTRATION - TOM**

ADELSTEIN 2007-03-27

THIS GUIDE PROVIDES A SOLID BACKGROUND FOR LINUX DESKTOP USERS WHO WANT TO MOVE BEYOND THE BASICS OF LINUX, AND FOR EXPERIENCED SYSTEM ADMINISTRATORS WHO ARE LOOKING TO GAIN MORE ADVANCED SKILLS.