
Download File PDF Windows Server 2003 Networking Recipes A Problem Solution Approach Experts Voice

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KEY=2003 - MORA TRISTEN

Windows Server 2003 Networking Recipes A Problem-Solution Approach

Apress Windows Server 2003 Networking Recipes offers a comprehensive, task-based guide to installing, deploying, and configuring the various networking protocols and services supported by Windows Server 2003. Currently, there is little printed information available on performing tasks associated with building and running these services. Instead, administrators are forced to wade through the Microsoft documentation to find what they need. This book makes it easy by presenting task-based information in a multi-solution format. Graphical, command-line, group policy, registry, and scripting solutions are included with each recipe as applicable.

Windows Server 2003 Security Cookbook

Security Solutions and Scripts for System Administrators

"O'Reilly Media, Inc." In the last few years, security has become a hot-button issue for IT organizations of all sizes. Accordingly, many of the security features that were either optional or suspect in Windows 2000 have become solid, effective fixtures in Windows Server 2003-making it the most secure operating system Microsoft has ever produced. That is, if you know how to configure it properly. The Windows Server 2003 Security Cookbook wants to make sure that you do know how. Picking up right where its predecessor, the Windows Server Cookbook, left off, this desktop companion is focused solely on Windows Server security. It teaches you how to perform important security tasks in the Windows Server 2003 OS using specific and adaptable recipes. Each recipe features a brief description of the problem, a step-by-step solution, and then a discussion of the technology at work. Whenever possible, the authors even tell you where to look for further information on a recipe. The book is written in a highly modular format, with each chapter devoted to one or more technologies that Windows Server 2003 provides. This approach allows you to look up a task or scenario that you want to accomplish, find that page, and read that particular recipe only. Topics include: System preparation and administration Protecting the computer at the TCP/IP level Applying security options to Active Directory Improving security on domain controllers Securing DHCP controllers Encrypting and signing network traffic using IPSec Patch management If you're an intermediate or advanced system administrator who wants to feel secure when deploying Windows Server 2003 and its related services, then you don't want to be without the Windows Server 2003 Security Cookbook.

Active Directory Cookbook

"O'Reilly Media, Inc." When you need practical hands-on support for Active Directory, the updated edition of this extremely popular Cookbook provides quick solutions to more than 300 common (and uncommon) problems you might encounter when deploying, administering, and automating Microsoft's network directory service. For the third edition, Active Directory expert Laura E. Hunter offers troubleshooting recipes based on valuable input from Windows administrators, in addition to her own experience. You'll find solutions for the Lightweight Directory Access Protocol (LDAP), ADAM (Active Directory Application Mode), multi-master replication, Domain Name System (DNS), Group Policy, the Active Directory Schema, and many other features. The Active Directory Cookbook will help you: Perform Active Directory tasks from the command line Use scripting technologies to automate Active Directory tasks Manage new Active Directory features, such as Read-Only Domain Controllers, fine-grained password policies, and more Create domains and trusts Locate users whose passwords are about to expire Apply a security filter to group policy objects Check for potential replication problems Restrict hosts from performing LDAP queries View DNS server performance statistics Each recipe includes a discussion explaining how and why the solution works, so you can adapt the problem-solving techniques to similar situations. Active Directory Cookbook is ideal for any IT professional using Windows Server 2008, Exchange 2007, and Identity Lifecycle Manager 2007, including Active Directory administrators looking to automate task-based solutions. "It is rare for me to visit a customer site and not see a copy of Active Directory Cookbook on a shelf somewhere, which is a testament to its usefulness. The Cookbook takes the pain out of everyday AD tasks by providing concise, clear and relevant recipes. The fact that the recipes are provided using different methods (graphical user interface, command line and scripting) means that the book is suitable for anyone working with AD on a day-to-day basis. The introduction of PowerShell examples in this latest edition will be of particular interest for those looking to transition from VBScript. Laura has also done a great job in extending the Cookbook in this edition to encompass the broad range of changes to AD in Windows Server 2008." --Tony Murray, Founder of Activedir.org and Directory Services MVP "If you already understand Active Directory fundamentals and are looking for a quick solution to common Active Directory related tasks, look no further, you have found the book that you need." --Joe Richards, Directory Services MVP "The Active Directory Cookbook is the real deal... a soup-to-nuts catalog of every administrative task an Active Directory administrator needs to perform. If you administer an Active Directory installation, this is the very first book you have to put on your shelf." --Gil Kirkpatrick, Chief Architect, Active Directory and Identity Management, Quest Software and Directory Services MVP

Exchange Server Cookbook

For Exchange Server 2003 and Exchange 2000 Server

"O'Reilly Media, Inc." Ask network administrators what their most critical computer application is, and most will say "email" without a moment's hesitation. If you run a network powered by Windows 2000 or Windows Server 2003, Microsoft Exchange occupies much of your time. According to Microsoft, 110 million Exchange seats have been deployed, but 60% of you are still running Exchange 5.5. That's a problem, because the difference between version 5.5 and the more efficient Exchange 2000 and Exchange Server 2003 is profound. Don't fret. Exchange Server Cookbook offers you a comprehensive how-to guide to these newer versions of Exchange. You'll find quick solutions for the most common tasks you need to perform--everything from installation and maintenance to configuration and optimization, with proven recipes for the most useful tools and utilities. The book also has solutions to some uncommon tasks (that you may not know are possible) and advanced procedures that aren't part of day-to-day operations. These include tasks for critical situations, such as using a recovery storage group. Our reliable desktop reference even shows you how to write scripts for Exchange management and deployment tasks. That's right. While not every Exchange job can be scripted, many can, and we provide lots of working VBScript examples for accomplishing particular goals. Whatever your particular need, you'll find it quickly, because chapters in this Cookbook are laid out by recipe, with cross references to other pertinent solutions in the book. With this guide, you'll learn: The relationship between Exchange and Active Directory When to use the GUI, the command line, or scripting How to prepare forests, domains, and servers How to use Group Policy to control Exchange Diagnostic logging, measure performance, and administrative privileges Recipient management: user accounts, mailboxes, mail-enabled groups Mailbox and public folder database management Message routing and transport functions Security, backup, restore, and recovery operations For every question you have about Exchange 2000 or Exchange Server 2003, our Cookbook has the answer--one that you can find and implement without a moment's hesitation.

SMS 2003 Recipes

A Problem-Solution Approach

Apress SMS 2003 Networking Recipes provides hundreds of quick-reference solutions for the Windows administrator. The book addresses a wide range of problems that all levels of SMS administrators have reported to our authors in the course of their real-world jobs. Some are simple, beginning implementation solutions, while others address high-end automation techniques. The recipes in this book were not selected whimsically, nor on the basis of what the authors found cool or interesting, but rather on the frequency and importance of complaints experienced by the authors in practical business environments.

Windows XP Cookbook

"O'Reilly Media, Inc." Each year, Windows XP is pre-installed on 30 million PCs sold in the U.S.--and 90 million worldwide--making it the world's most popular operating system, and proving to frustrated users everywhere that preponderance does not equate to ease of use. There are literally thousands of programs, tools, commands, screens, scripts, buttons, tabs, applets, menus, and settings contained within Windows XP. And it has only been in the last couple of years that Microsoft's documentation has actually been more of a help than a hindrance. But it still isn't enough. Windows XP users and administrators need a quick and easy way to find answers. Plenty of books go into detail about the theory behind a particular technology or application, but few go straight to the essentials for getting the job done. Windows XP Cookbook does just that, tackling the most common tasks needed to install, manage, and support Windows XP. Featuring a new twist to O'Reilly's proven Cookbook formula, this problem-solving guide offers multiple solutions for each of its 300-plus recipes. Solve dilemmas with the graphical user interface, the command line, through the Registry, or by using scripts. Each step-by-

step recipe includes a discussion that explains how and why it works. The book is also among the first to cover Microsoft's XP Service Pack 2. With these practical, on-the-job solutions, *Windows XP Cookbook* will save you hours of time searching for answers. *Windows XP Cookbook* will be useful to anyone that has to use, deploy, administer, or automate Windows XP. But this isn't a typical end-user book; it covers the spectrum of topics involved with running Windows XP in both small and large environments. As a result, IT professionals and system administrators will find it a great day-to-day reference. And power users will find *Windows XP Cookbook* a great source for information on tweaking XP and getting the most out of their systems. The bottom line is that *Windows XP Cookbook* will make just about anyone who uses XP more productive.

MCSE/MCSA Implementing a Windows Server 2003 Network Infrastructure Study Guide (Exam 70-291)

McGraw Hill Professional Provides an overview of exam objectives, practice questions and answers, exam tips, and a practice exam on the included CD-ROM.

Active Directory Cookbook

"O'Reilly Media, Inc." Provides step-by-step solutions for problems associated with Active Directory.

Windows Server Cookbook

For Windows Server 2003 & Windows 2000

"O'Reilly Media, Inc." A guide to Microsoft Windows Server covers such topics as drives and disk volumes, event logs, networking, security, backup and restore, and remote administration.

Windows Server 2003 For Dummies

John Wiley & Sons The perfect handbook for those who need to deploy, install, and configure installations, upgrade from previous versions, understand network addresses, manage day-to-day operations, configure storage, manage users and groups, implement security measures, configure mail services, and perform other vital administrative tasks. Covers the enhanced features and updates of the new version including the Microsoft .NET framework, Active Directory and its new drag and drop object management, Internet Information Server, and the Microsoft Management Console.

Microsoft Windows Server 2003 Unleashed

Sams Publishing An introduction to Microsoft's new network operating system, Windows .NET Server 2003, furnishes detailed instructions for migrating to Windows .NET Server from other operating systems and provides helpful guidelines on planning, installation, migration, and troubleshooting, as well as system configuration, tips and tricks, and implementation techniques. Original. (Advanced)

Windows Server 2003 Clustering & Load Balancing

Mcgraw-hill Learn to implement clustering and load balancing solutions with Windows 2000 and Windows Server 2003, and deliver nearly 100 percent uptime. With a focus on real world production-based problems, the author delivers detailed high availability solutions that will give you the tools to roll out and troubleshoot these technologies.

Honeypots for Windows

Apres * Talks about hardening a Windows host before deploying HoneyPot * Covers how to create your own emulated services to fool hackers * Discusses physical setup of HoneyPot and network necessary to draw hackers to HoneyPot * Discusses how to use Snort to co-exist with HoneyPot * Discusses how to use a Unix-style HoneyPot to mimic a Windows host * Discusses how to fine-tune a HoneyPot * Discusses OS fingerprinting, ARP tricks, packet sniffing, and exploit signatures

Windows Server 2008

The Definitive Guide

"O'Reilly Media, Inc." *Windows Server 2008: The Definitive Guide* is a complete soup-to-nuts reference and practical guide to everything in the latest release of Microsoft's widely used server operating system. With this book, you'll come away with a firm understanding of what's happening under the hood of the server, with a thorough discussion and treatment of each of its major components. You'll find complete coverage of: Indispensable features such as the Domain Name System, Active Directory, and User Services New features such as the Internet Information Services 7, Server Core, and Windows Terminal Services And much more This is the only book you need to become familiar with Windows Server 2008. Whether you're an experienced system administrator or one who's just beginning, you'll turn to this practical and comprehensive guide again and again when you need to understand this complex but adaptable product.

The British National Bibliography

Windows Server 2003 Security Bible

Wiley What the book covers: This book covers Windows.NET Server and ISA Server, detailing key security threats, outlining the requirements for a secure Windows-based environment, and providing information on security architecture planning, how to secure applications, encrypt data, use authentication methods, and deploy security devices such as firewalls, public key infrastructure, IPSec, and certificate services. Few competing titles on this topic offer the advanced level of information and insight that this book will provide. Series features: Professional guides are books for practitioners who want direct, useful, no-fluff information about developer tools and networking technologies. These books are packed with practical advice and step-by-step guidance for optimal network configuration.

Active Directory

"O'Reilly Media, Inc." Working with Microsoft's network directory service for the first time can be a headache for system and network administrators, IT professionals, technical project managers, and programmers alike. This authoritative guide is meant to relieve that pain. Instead of going through the graphical user interface screen by screen, O'Reilly's bestselling *Active Directory* tells you how to design, manage, and maintain a small, medium, or enterprise Active Directory infrastructure. Fully updated to cover Active Directory for Windows Server 2003 SP1 and R2, this third edition is full of important updates and corrections. It's perfect for all Active Directory administrators, whether you manage a single server or a global multinational with thousands of servers. *Active Directory, 3rd Edition* is divided into three parts. Part I introduces much of how Active Directory works, giving you a thorough grounding in its concepts. Some of the topics include Active Directory replication, the schema, application partitions, group policies, and interaction with DNS. Part II details the issues around properly designing the directory infrastructure. Topics include designing the namespace, creating a site topology, designing group policies for locking down client settings, auditing, permissions, backup and recovery, and a look at Microsoft's future direction with Directory Services. Part III covers how to create and manipulate users, groups, printers, and other objects that you may need in your everyday management of Active Directory. If you want a book that lays bare the design and management of an enterprise or departmental Active Directory, then look no further. *Active Directory, 3rd Edition* will quickly earn its place among the books you don't want to be without.

Using Microsoft Windows XP Professional Edition

Que Pub Explains how to choose, install, and configure hardware and software to work with the Windows XP operating system.

Active Directory Cookbook

Solutions for Administrators & Developers

"O'Reilly Media, Inc." Take the guesswork out of deploying, administering, and automating Active Directory. With hundreds of proven recipes, the updated edition of this popular cookbook provides quick, step-by-step solutions to common (and not so common) problems you might encounter when working with Microsoft's network directory service. This fourth edition includes troubleshooting recipes for Windows Server 2012, Windows 8, and Exchange 2013, based on valuable input from Windows administrators. You'll also find quick solutions for the Lightweight Directory Access Protocol (LDAP), Active Directory Lightweight Directory Services (AD LDS), multi-master replication, DNS, Group Policy, and many other features. Manage new AD features, such as the Recycle Bin, Group Managed Service Accounts, and fine-grained password policies Work with AD from the command line and use Windows PowerShell to automate tasks Remove and create forests, domains, and trusts Create groups, modify group scope and type, and manage membership Delegate control, view and modify permissions, and handle Kerberos tickets Import and export data with LDAP Data Interchange Format (LDIF) Synchronize multiple directories and enforce data integrity within a single or multiple stores Back up AD, and perform authoritative and non-authoritative restores

Windows Server 2003 For Dummies

For Dummies The perfect handbook for those who need to deploy, install, and configure installations, upgrade from previous versions, understand network addresses, manage day-to-day operations, configure storage, manage users and groups, implement security measures, configure mail services, and perform other vital administrative tasks. Covers the enhanced features and updates of the new version including the Microsoft .NET framework, Active Directory and its new drag and drop object management, Internet Information Server, and the Microsoft Management Console.

Windows Vista

The Definitive Guide

"**O'Reilly Media, Inc.**" A guide to Windows Vista is organized by feature, furnishing details on all new features, tools, and enhancements, including the multimedia, security, search, and data organization capabilities, and offering helpful tips on system setup, upgrading, and tr

Book Review Index 2009

Cumulation

Book Review Index Cumulation Book Review Index provides quick access to reviews of books, periodicals, books on tape and electronic media representing a wide range of popular, academic and professional interests. The up-to-date coverage, wide scope and inclusion of citations for both newly published and older materials make Book Review Index an exceptionally useful reference tool. More than 600 publications are indexed, including journals and national general interest publications and newspapers. Book Review Index is available in a three-issue subscription covering the current year or as an annual cumulation covering the past year.

Discovering Computers 2003

Concepts for a Digital World : Web and XP Enhanced : Complete

Course Technology Ptr The Shelly Cashman Series presents a completely revised and updated edition to the best-selling computer concepts book to make learning about computers interesting and interactive. Discovering Computers 2003 is fully integrated with the World Wide Web as a means of offering additional content, unmatched currency, learning games, and more. Discovering Computers 2003 is available in three versions to provide the right depth of coverage for every class. Unparalleled online content, extensive end-of-chapter exercises, and comprehensive instructor's resources give you all the tools you need to present an outstanding concepts course.

Linux Networking Cookbook

From Asterisk to Zebra with Easy-to-Use Recipes

"**O'Reilly Media, Inc.**" 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.

VMware Cookbook

A Real-World Guide to Effective VMware Use

"**O'Reilly Media, Inc.**" If you want to gain insight into the real-world uses of VMware ESX and ESXi, this book provides scores of step-by-step solutions for working with these products in a wide range of network environments. You'll not only learn the basics -- how to pool resources from hardware servers, computer clusters, networks, and storage, and then distribute them among virtual machines -- but also the stumbling blocks you'll encounter when you monitor systems, troubleshoot problems, and deal with security. In addition to the recipes, VMware Cookbook includes background information to help you determine your virtualization needs. You'll come to view VMware as part of the real environment, alongside operating systems, storage, and logical and physical network components. Follow best practices for installing VMware in your environment Discover how to secure and monitor your network Understand disk storage implementation and configuration Learn resource management using the distributed resource scheduler, shares, and resource pools Configure logical and physical networks Learn how to clone and migrate servers Gain valuable tips for configuration and fine-tuning Many resources can teach you about virtualization and the basics of VMware. This book is for system administrators who are ready to go beyond an introduction.

Windows Server 2019 & PowerShell All-in-One For Dummies

John Wiley & Sons Your one-stop reference for Windows Server 2019 and PowerShell know-how Windows Server 2019 & PowerShell All-in-One For Dummies offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by an information security pro and professor who trains aspiring system administrators, this book covers the broad range of topics a system administrator needs to know to run Windows Server 2019, including how to install, configure, and secure a system. This book includes coverage of: Installing & Setting Up Windows Server Configuring Windows Server 2019 Administering Windows Server 2019 Configuring Networking Managing Security Working with Windows PowerShell Installing and Administering Hyper-V Installing, Configuring, and Using Containers If you're a budding or experienced system administrator looking to build or expand your knowledge of Windows Server, this book has you covered.

Library Journal

Includes, beginning Sept. 15, 1954 (and on the 15th of each month, Sept.-May) a special section: School library journal, ISSN 0000-0035, (called Junior libraries, 1954-May 1961). Also issued separately.

Samba-3 by Example

Practical Exercises to Successful Deployment

Prentice-Hall PTR A guide to the features of Samba-3 provides step-by-step installation instructions on integrating Samba into a Windows or UNIX environment.

Windows Server 2019 Cookbook

Over 100 recipes to effectively configure networks, manage security, and administer workloads, 2nd Edition

Packt Publishing Ltd Efficiently manage and administer enterprise environments using Microsoft Windows Server 2019 Key FeaturesLeverage Windows Server 2019 to improve enterprise workflow efficiency and increase productivityDeliver enterprise-grade cloud services that can be applied in your infrastructureGet up and running with PowerShell and the all-new Hyper-V improvementsBook Description Do you want to get up and running with essential administrative tasks in Windows Server 2019? This second edition of the Windows Server 2019 Cookbook is packed with practical recipes that will help you do just that. The book starts by taking you through the basics that you need to know to get a Windows Server operating system working, before teaching you how to navigate through daily tasks using the upgraded graphical user interface (GUI). You'll then learn how to compose an optimal Group Policy and perform task automation with PowerShell scripting. As you advance, you'll get to

grips with faster app innovation, improved Windows security measures, and hybrid cloud environments. After you've explored the functions available to provide remote network access to your users, you'll cover the new Hyper-V enhancements. Finally, this Windows Server book will guide you through practical recipes relating to Azure integration and important tips for how to manage a Windows Server environment seamlessly. By the end of this book, you'll be well-versed with Windows Server 2019 essentials and have the skills you need to configure Windows services and implement best practices for securing a Windows Server environment. What you will learn

Get up and running with Windows Server 2019's new features
Install, configure, and administer Windows Server 2019 effectively
Configure the server to host any enterprise application
Discover ways to manage a server without a GUI
Safeguard your virtual machines in the event of server failure
Explore new ways to integrate Windows Server with Microsoft Azure
Deploy Windows containers using Docker
Who this book is for
This Windows Server 2019 book is for system administrators and IT professionals who have basic experience in Windows environments and are interested in acquiring the skills and knowledge needed to manage and maintain the core infrastructure required for a Windows Server 2019 environment.

Active Directory

Designing, Deploying, and Running Active Directory

"O'Reilly Media, Inc." Provides information on the features, functions, and implementation of Active Directory, covering such topics as management tools, searching the AD database, and the Kerberos security protocol.

DNS & BIND Cookbook

"O'Reilly Media, Inc." The DNS & BIND Cookbook presents solutions to the many problems faced by network administrators responsible for a name server. Following O'Reilly's popular problem-and-solution cookbook format, this title is an indispensable companion to DNS & BIND, 4th Edition, the definitive guide to the critical task of name server administration. The cookbook contains dozens of code recipes showing solutions to everyday problems, ranging from simple questions, like, "How do I get BIND?" to more advanced topics like providing name service for IPv6 addresses. It's full of BIND configuration files that you can adapt to your sites requirements. With the wide range of recipes in this book, you'll be able to

- Check whether a name is registered
- Register your domain name and name servers
- Create zone files for your domains
- Protect your name server from abuse
- Set up back-up mail servers and virtual email addresses
- Delegate subdomains and check delegation
- Use incremental transfer
- Secure zone transfers
- Restrict which queries a server will answer
- Upgrade to BIND 9 from earlier version
- Perform logging and troubleshooting
- Use IPv6 and much more.

These recipes encompass all the day-to-day tasks you're faced with when managing a name server, and many other tasks you'll face as your site grows. Written by Cricket Liu, a noted authority on DNS, and the author of the bestselling DNS & BIND and DNS on Windows 2000, the DNS & BIND Cookbook belongs in every system or network administrator's library.

The Official Samba-3 HOWTO and Reference Guide

Prentice Hall Professional A guide to the features of Samba-3 provides step-by-step installation instructions on integrating Samba into a Windows or UNIX environment.

Linux Security Cookbook

Security Tools & Techniques

"O'Reilly Media, Inc." Computer security is an ongoing process, a relentless contest between system administrators and intruders. A good administrator needs to stay one step ahead of any adversaries, which often involves a continuing process of education. If you're grounded in the basics of security, however, you won't necessarily want a complete treatise on the subject each time you pick up a book. Sometimes you want to get straight to the point. That's exactly what the new Linux Security Cookbook does. Rather than provide a total security solution for Linux computers, the authors present a series of easy-to-follow recipes--short, focused pieces of code that administrators can use to improve security and perform common tasks securely.

The Linux Security Cookbook includes real solutions to a wide range of targeted problems, such as sending encrypted email within Emacs, restricting access to network services at particular times of day, firewalling a webserver, preventing IP spoofing, setting up key-based SSH authentication, and much more. With over 150 ready-to-use scripts and configuration files, this unique book helps administrators secure their systems without having to look up specific syntax. The book begins with recipes devised to establish a secure system, then moves on to secure day-to-day practices, and concludes with techniques to help your system stay secure.

Some of the "recipes" you'll find in this book are:

- Controlling access to your system from firewalls down to individual services, using iptables, ipchains, xinetd, inetd, and more
- Monitoring your network with tcpdump, dsniff, netstat, and other tools
- Protecting network connections with Secure Shell (SSH) and stunnel
- Safeguarding email sessions with Secure Sockets Layer (SSL)
- Encrypting files and email messages with GnuPG
- Probing your own security with password crackers, nmap, and handy scripts

This cookbook's proven techniques are derived from hard-won experience. Whether you're responsible for security on a home Linux system or for a large corporation, or somewhere in between, you'll find valuable, to-the-point, practical recipes for dealing with everyday security issues. This book is a system saver.

Java Network Programming

"O'Reilly Media, Inc." A guide to developing network programs covers networking fundamentals as well as TCP and UDP sockets, multicasting protocol, content handlers, servlets, I/O, parsing, Java Mail API, and Java Secure Sockets Extension.

Mastering Windows Server 2016

Packt Publishing Ltd A comprehensive and practical guide to Windows Server 2016

About This Book
In-depth coverage of new features of Windows Server 2016
Gain the necessary skills and knowledge to design and implement Microsoft Server 2016 in enterprise environment
Know how you can support your medium to large enterprise and leverage your experience in administering Microsoft Server 2016.
A practical guide to administering Windows server 2016
Who This Book Is For
The book is targeted at System Administrators and IT professionals who would like to design and deploy Windows Server 2016 (physical and logical) Enterprise infrastructure. Previous experience of Windows Server operating systems and familiarity with networking concepts is assumed. System administrators who are upgrading or migrating to Windows Server 2016 would also find this book useful. What You Will Learn
Familiarize yourself with Windows Server 2016 ideology, the core of most datacenters running today
New functions and benefits provided only by the new Windows Server 2016
Get comfortable working with Nanoserver
Secure your network with new technologies in Server 2016
Harden your Windows Servers to help keep those bad guys out!
Using new built-in integration for Docker with this latest release of Windows Server 2016
Virtualize your datacenter with Hyper-V
In Detail
Windows Server 2016 is the server operating system developed by Microsoft as part of the Windows NT family of operating systems, developed concurrently with Windows 10. With Windows Server 2016, Microsoft has gotten us thinking outside of the box for what it means to be a system administration, and comes with some interesting new capabilities. These are exciting times to be or to become a server administrator! This book covers all aspects of administration level tasks and activities required to gain expertise in Microsoft Windows Server 2016. You will begin by getting familiar and comfortable navigating around in the interface. Next, you will learn to install and manage Windows Server 2016 and discover some tips for adapting to the new server management ideology that is all about centralized monitoring and configuration. You will deep dive into core Microsoft infrastructure technologies that the majority of companies are going to run on Server 2016. Core technologies such as Active Directory, DNS, DHCP, Certificate Services, File Services, and more. We will talk about networking in this new operating system, giving you a networking toolset that is useful for everyday troubleshooting and maintenance. Also discussed is the idea of Software Defined Networking. You will later walk through different aspects of certificate administration in Windows Server 2016. Three important and crucial areas to cover in the Remote Access role -- DirectAccess, VPN, and the Web Application Proxy -- are also covered. You will then move into security functions and benefits that are available in Windows Server 2016. Also covered is the brand new and all-important Nano Server! We will incorporate PowerShell as a central platform for performing many of the functions that are discussed in this book, including a chapter dedicated to the new PowerShell 5.0. Additionally, you will learn about the new built-in integration for Docker with this latest release of Windows Server 2016. The book ends with a discussion and information on virtualizing your datacenter with Hyper-V. By the end of this book, you will have all the ammunition required to start planning for and implementing Windows Server 2016. Style and approach
This book offers a practical and wide coverage of all features of brand new Microsoft Server 2016 along with tips on daily administration tasks.

Hacking Exposed

Network Security Secrets & Solutions

McGraw-Hill Osborne Media Analyzes attacks on computer networks, discusses security, auditing, and intrusion detection procedures, and covers hacking on the Internet, attacks against Windows, e-commerce hacking methodologies, and new discovery tools.

Linux Network Administrator's Guide

"O'Reilly Media, Inc." 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).

Cisco Cookbook

"O'Reilly Media, Inc." While several publishers (including O'Reilly) supply excellent documentation of router features, the trick is knowing when, why, and how to use these features. There are often many different ways to solve any given networking problem using Cisco devices, and some solutions are clearly more effective than others. The pressing question for a network engineer is which of the many potential solutions is the most appropriate for a particular situation. Once you have decided to use a particular feature, how should you implement it? Unfortunately, the documentation describing a particular command or feature frequently does very little to answer either of these questions. Everybody who has worked with Cisco routers for any length of time has had to ask their friends and co-

workers for example router configuration files that show how to solve a common problem. A good working configuration example can often save huge amounts of time and frustration when implementing a feature that you've never used before. The Cisco Cookbook gathers hundreds of example router configurations all in one place. As the name suggests, Cisco Cookbook is organized as a series of recipes. Each recipe begins with a problem statement that describes a common situation that you might face. After each problem statement is a brief solution that shows a sample router configuration or script that you can use to resolve this particular problem. A discussion section then describes the solution, how it works, and when you should or should not use it. The chapters are organized by the feature or protocol discussed. If you are looking for information on a particular feature such as NAT, NTP or SNMP, you can turn to that chapter and find a variety of related recipes. Most chapters list basic problems first, and any unusual or complicated situations last. The Cisco Cookbook will quickly become your "go to" resource for researching and solving complex router configuration issues, saving you time and making your network more efficient. It covers: Router Configuration and File Management Router Management User Access and Privilege Levels TACACS+ IP Routing RIP EIGRP OSPF BGP Frame Relay Queueing and Congestion Tunnels and VPNs Dial Backup NTP and Time DLSw Router Interfaces and Media Simple Network Management Protocol Logging Access Lists DHCP NAT Hot Standby Router Protocol IP Multicast

RMAN Recipes for Oracle Database 12c

A Problem-Solution Approach

Apress RMAN Recipes for Oracle Database 12c is an example-driven approach to the Oracle database administrator's #1 job responsibility: Be able to recover the database. Of all the things you are responsible for as database administrator, nothing is more important than the data itself. Like it or not, the fearsome responsibility of protecting your organization's most critical data falls squarely upon your shoulders: Lose that data and your company could fail. Lose that data and you could be out of a job. Oracle's flagship database product fortunately implements a wide-ranging feature set to aid you in the all-important task of safeguarding against data loss. Recovery Manager, or RMAN, is at the heart of that feature set, and is the tool most-often used to initiate database backup and recovery operations. In this book, well-known authors and database experts Darl Kuhn, Sam Alapati, and Arup Nanda have created a set of examples encompassing the gamut of backup and recovery tasks that you might need to perform. Sometimes, especially when the heat is on, a good example is what you need to get started towards a solution. RMAN Recipes for Oracle Database 12c delivers. It'll be the book you reach for when that dreaded call comes in at 3:00am some dreary morning. It'll be the book that lets you sleep at night knowing that no matter what transpires, that you've done your job well and can recover from any outage. RMAN Recipes for Oracle Database 12c gets right to the point with quick and easy-to-read, step-by-step solutions that can help you backup and recover your data with confidence.

Secure Programming Cookbook for C and C++

Recipes for Cryptography, Authentication, Input Validation & More

O'Reilly Media, Inc. Password sniffing, spoofing, buffer overflows, and denial of service: these are only a few of the attacks on today's computer systems and networks. At the root of this epidemic is poorly written, poorly tested, and insecure code that puts everyone at risk. Clearly, today's developers need help figuring out how to write code that attackers won't be able to exploit. But writing such code is surprisingly difficult. Secure Programming Cookbook for C and C++ is an important new resource for developers serious about writing secure code. It contains a wealth of solutions to problems faced by those who care about the security of their applications. It covers a wide range of topics, including safe initialization, access control, input validation, symmetric and public key cryptography, cryptographic hashes and MACs, authentication and key exchange, PKI, random numbers, and anti-tampering. The rich set of code samples provided in the book's more than 200 recipes will help programmers secure the C and C++ programs they write for both Unix® (including Linux®) and Windows® environments. Readers will learn: How to avoid common programming errors, such as buffer overflows, race conditions, and format string problems How to properly SSL-enable applications How to create secure channels for client-server communication without SSL How to integrate Public Key Infrastructure (PKI) into applications Best practices for using cryptography properly Techniques and strategies for properly validating input to programs How to launch programs securely How to use file access mechanisms properly Techniques for protecting applications from reverse engineering The book's web site supplements the book by providing a place to post new recipes, including those written in additional languages like Perl, Java, and Python. Monthly prizes will reward the best recipes submitted by readers. Secure Programming Cookbook for C and C++ is destined to become an essential part of any developer's library, a code companion developers will turn to again and again as they seek to protect their systems from attackers and reduce the risks they face in today's dangerous world.