

*Practical Advice for Securing and Implementing
Windows Server 2003*

Securing Windows Server 2003



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Securing Windows Server 2003 Mike Danseglio,2004 *Securing Windows Server 2003* Mike Danseglio,2004 With the success of computer viruses like Slammer security issues are now a top priority for Windows system administrators right alongside day to day tasks such as setting up accounts and managing performance If you use Windows 2003 Server at a small to medium sized organization or use Microsoft s Small Business Server this thorough yet concise tutorial offers the hands on advice you need for securing your network **How to Cheat at Designing Security for a Windows Server 2003**

Network Chris Peiris,Chris Ruston,2005-12-15 Windows 2003 Server is unquestionably the dominant enterprise level operating system in the industry with 95% of all companies running it And for the last tow years over 50% of all product upgrades have been security related Securing Windows Server according to bill gates is the company s 1 priority While considering the security needs of your organization you need to balance the human and the technical in order to create the best security design for your organization Securing a Windows Server 2003 enterprise network is hardly a small undertaking but it becomes quite manageable if you approach it in an organized and systematic way This includes configuring software services and protocols to meet an organization s security needs The Perfect Guide if System Administrator is NOT your primary job function Avoid time drains configuring the many different security standards built into Windows 2003 Secure VPN and Extranet Communications **Microsoft Windows Server 2003 Insider Solutions** Rand Morimoto,Andrew

Abbate,Eric Kovach,2004 Unique insight into the road bumps and best practices for Windows Server 2003 from one of the leading Microsoft insiders Rand Morimoto [MCSE Designing Security for a Windows Server 2003 Network \(Exam 70-298\)](#) Syngress,2004-03-03 MCSE Designing Security for a Microsoft Windows Server 2003 Network Exam 70 298 Study Guide and DVD Training System is a one of a kind integration of text DVD quality instructor led training and Web based exam simulation and remediation This system gives you 100% coverage of the official Microsoft 70 298 exam objectives plus test preparation software for the edge you need to pass the exam on your first try DVD Provides a Virtual Classroom Get the benefits of instructor led training at a fraction of the cost and hassle Guaranteed Coverage of All Exam Objectives If the topic is listed in Microsoft s Exam 70 298 objectives it is covered here Fully Integrated Learning This system includes a study guide DVD training and Web based practice exams [MCSE: Windows® Server 2003 Network Security Design Study Guide](#)

Brian Reisman,Mitch Ruebush,2006-02-20 Here s the book you need to prepare for the Designing Security for a Microsoft Windows Server 2003 Network exam 70 298 This Study Guide was developed to meet the exacting requirements of today s certification candidates In addition to the consistent and accessible instructional approach that earned Sybex the Best Study Guide designation in the 2003 CertCities Readers Choice Awards this book provides Clear and concise information on designing a secure Windows based network Practical examples and insights drawn from real world experience Leading edge exam preparation software including a testing engine and electronic flashcards for your Palm You ll also find authoritative

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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 The Windows Server 2003 Security Log Revealed Monterey Technology Group, Incorporated,2005

Windows Server 2003 Security Roberta Bragg,2005 A revolutionary soups to nuts approach to network security from two of Microsoft s leading security experts *Windows Server 2003 Security Infrastructures* Jan De Clercq,2004-04-02 Windows Server 2003 Security Infrastructures is a must for anyone that wants to know the nuts and bolts of Windows Server 2003 security and wants to leverage the operating system s security infrastructure components to build a more secure I T infrastructure The primary goal of this book is to provide insights into the security features and technologies of the Windows Server 2003 operating system It also highlights the security principles an architect should remember when designing an infrastructure that is rooted on the Windows Server 2003 OS Explains nuts and bolts of Windows Server 2003 security Provides practical insights into how to deploy and administer secure Windows Server 2003 infrastructures Draws on the experience of a lead consultant in the Microsoft security area Securing Windows Server 2008 Aaron Tiensivu,2008-07-01 Microsoft hails the latest version of its flagship server operating system Windows Server 2008 as the most secure Windows

Server ever However to fully achieve this lofty status system administrators and security professionals must install configure monitor log and troubleshoot a dizzying array of new features and tools designed to keep the bad guys out and maintain the integrity of their network servers This is no small task considering the market saturation of Windows Server and the rate at which it is attacked by malicious hackers According to IDC Windows Server runs 38% of all network servers This market prominence also places Windows Server at the top of the SANS top 20 Security Attack Targets The first five attack targets listed in the SANS top 20 for operating systems are related to Windows Server This doesn't mean that Windows is inherently less secure than other operating systems it's simply a numbers game More machines running Windows Server More targets for attackers to hack As a result of being at the top of the most used and most hacked lists Microsoft has released a truly powerful suite of security tools for system administrators to deploy with Windows Server 2008 This book is the comprehensive guide needed by system administrators and security professionals to master seemingly overwhelming arsenal of new security tools including 1 Network Access Protection which gives administrators the power to isolate computers that don't comply with established security policies The ability to enforce security requirements is a powerful means of protecting the network 2 Enhanced solutions for intelligent rules and policies creation to increase control and protection over networking functions allowing administrators to have a policy driven network 3 Protection of data to ensure it can only be accessed by users with the correct security context and to make it available when hardware failures occur 4 Protection against malicious software with User Account Control with a new authentication architecture 5 Increased control over your user settings with Expanded Group Policy to name just a handful of the new security features In short Windows Server 2008 contains by far the most powerful and complex suite of security tools ever released in a Microsoft Server product Securing Windows Server 2008 provides system administrators and security professionals with the knowledge they need to harness this power Describes new technologies and features in Windows Server 2008 such as improvements to networking and remote access features centralized server role management and an improved file system Outlines steps for installing only the necessary components and subsystems of Windows Server 2008 in your environment No GUI needed Describes Windows Server 2008's security innovations such as Network Access Protection Federated Rights Management and Read Only Domain Controller Includes coverage of monitoring securing and troubleshooting Windows Server 2008 Covers Microsoft's Hyper V virtualization technology which is offered as an add-on to four of the eight versions of Windows Server 2008 and as a stand-alone product

Microsoft Windows Server 2003 Rand Morimoto, Michael Noel, Alex Lewis, 2006 This book covers the planning design prototype testing implementation administration and support of Windows 2003 and Active Directory as well as the security aspects of protecting an organization from external and internal attacks Additionally this book addresses the design and implementation of DNS WINS DHCP and Global Catalog Servers that make up the backbone of an Active Directory implementation back cover

Exam Ref 70-744 Securing Windows Server 2016 Timothy L. Warner, Craig

Zacker,2016-12-28 This is the eBook of the printed book and may not include any media website access codes or print supplements that may come packaged with the bound book The Exam Ref is the official study guide for Microsoft certification exams Featuring concise coverage of the skills measured by the exam challenging Thought Experiments and pointers to more in depth material for the candidate needing additional study exam candidates get professional level preparation for the exam The Exam Ref helps candidates determine their readiness for the exam and provides Exam Tips to help maximize their performance on the exam The organization of the material mirrors the skills measured by the exam as presented on the certification exam webpage

How to Cheat at Designing a Windows Server 2003 Active Directory Infrastructure Melissa M. Meyer,Michael Cross,Hal Kurz,Brian Barber,2006-02-08 Windows 2003 Server is unquestionably the dominant enterprise level operating system in the industry with 95% of all companies running it And for the last tow years over 50% of all product upgrades have been security related Securing Windows Server according to bill gates is the company s 1 priority The book will start off by teaching readers to create the conceptual design of their Active Directory infrastructure by gathering and analyzing business and technical requirements Next readers will create the logical design for an Active Directory infrastructure Here the book starts to drill deeper and focus on aspects such as group policy design Finally readers will learn to create the physical design for an active directory and network Infrastructure including DNS server placement DC and GC placements and Flexible Single Master Operations FSMO role placement The next book in our best selling and critically acclaimed How to Cheat series This is the perfect book for users who have already purchased How to Cheat at Managing Windows 2003 Small Business Server Active Directory is the market leader in the directory services space and 57% of all Microsoft corporate customers have deployed AD Follows Syngress s proven How To Cheat methodology Companion Web site offers dozens of templates Cheat Sheets and checklists for readers

Windows Vista Security Roger A. Grimes,Jesper M. Johansson,2007-07-02 It s not the computer The hacker s first target is YOU A dirty little secret that vendors don t want you to know is that good computer security doesn t cost a thing Any solution you can buy is guaranteed to fail Malicious hackers use this fact to their advantage Real security is gained by understanding the enemy s tactics and offsetting them with appropriate and consistently applied Windows settings These expert authors realize that an effective strategy is two parts technology and one part psychology Along with learning about Vista s new security features such as UAC integrity controls BitLocker Protected Mode and IIS 7 learn common sense recommendations that will immediately provide reliable value Vista Security Tips Have a healthy sense of paranoia Understand and apply the basics properly Use longer passwords No longer than that Use admin privilege very sparingly Don t believe Internet Explorer Protected Mode will stop all attacks Don t believe DEP can stop all attacks Don t believe any technology can stop all attacks

CYA Securing IIS 6.0 Chris Peiris,Ken Schaefer,2004-05-23 A highly portable easily digestible road map to configuring maintaining and troubleshooting essential IIS 6 0 features The book is organized around the 15 MMCs Microsoft

Management Consoles that contain the configuration menus for the essential features The options within each menu are explained clearly potential problems are identified up front and configurations are subsequently presented in the aptly named By the Book section for that MMC Readers will also appreciate the Reality Check sidebars throughout which present valuable cost benefit analyses of situations where there is no single right answer A checklist for network engineers and administrators to make sure they have configured you network professionally and responsibly The information needed by networking professionals responsible for configuring maintaining and troubleshooting Microsoft s Internet Information Server 6 0 Clearly and concisely identifies those features of IIS that represent the highest risk factors for attacks **CYA**

Securing Exchange Server 2003 Mark Fugatt, Henrik Walther, Patrick Santry, 2004-05-21 A highly portable easily digestible road map to configuring maintaining and troubleshooting essential Exchange Server 2003 features The book is organized around the 11 MMCs Microsoft Management Consoles that contain the configuration menus for the essential features The options within each menu are explained clearly potential problems are identified up front and configurations are subsequently presented in the aptly named By the Book section for that MMC Readers will also appreciate the Reality Check sidebars throughout which present valuable cost benefit analyses of situations where there is no single right answer Walks the reader through step by step configurations to assure they have been thorough and responsible in their work Clearly identifies those features of Exchange Server 2003 that represent the highest risk factors for attacks performance degradation and service failures CYA comes right out and says what most IT Professionals are already thinking **Windows**

Server 2008 PKI and Certificate Security Brian Komar, 2008-04-09 Get in depth guidance for designing and implementing certificate based security solutions straight from PKI expert Brian Komar No need to buy or outsource costly PKI services when you can use the robust PKI and certificate based security services already built into Windows Server 2008 This in depth reference teaches you how to design and implement even the most demanding certificate based security solutions for wireless networking smart card authentication VPNs secure email Web SSL EFS and code signing applications using Windows Server PKI and certificate services A principal PKI consultant to Microsoft Brian shows you how to incorporate best practices avoid common design and implementation mistakes help minimize risk and optimize security administration

End-to-End Network Security Omar Santos, 2007-08-24 End to End Network Security Defense in Depth Best practices for assessing and improving network defenses and responding to security incidents Omar Santos Information security practices have evolved from Internet perimeter protection to an in depth defense model in which multiple countermeasures are layered throughout the infrastructure to address vulnerabilities and attacks This is necessary due to increased attack frequency diverse attack sophistication and the rapid nature of attack velocity all blurring the boundaries between the network and perimeter End to End Network Security is designed to counter the new generation of complex threats Adopting this robust security strategy defends against highly sophisticated attacks that can occur at multiple locations in your network The

ultimate goal is to deploy a set of security capabilities that together create an intelligent self defending network that identifies attacks as they occur generates alerts as appropriate and then automatically responds End to End Network Security provides you with a comprehensive look at the mechanisms to counter threats to each part of your network The book starts with a review of network security technologies then covers the six step methodology for incident response and best practices from proactive security frameworks Later chapters cover wireless network security IP telephony security data center security and IPv6 security Finally several case studies representing small medium and large enterprises provide detailed example configurations and implementation strategies of best practices learned in earlier chapters Adopting the techniques and strategies outlined in this book enables you to prevent day zero attacks improve your overall security posture build strong policies and deploy intelligent self defending networks Within these pages you will find many practical tools both process related and technology related that you can draw on to improve your risk mitigation strategies Bruce Murphy Vice President World Wide Security Practices Cisco Omar Santos is a senior network security engineer at Cisco Omar has designed implemented and supported numerous secure networks for Fortune 500 companies and the U S government Prior to his current role he was a technical leader within the World Wide Security Practice and the Cisco Technical Assistance Center TAC where he taught led and mentored many engineers within both organizations Guard your network with firewalls VPNs and intrusion prevention systems Control network access with AAA Enforce security policies with Cisco Network Admission Control NAC Learn how to perform risk and threat analysis Harden your network infrastructure security policies and procedures against security threats Identify and classify security threats Trace back attacks to their source Learn how to best react to security incidents Maintain visibility and control over your network with the SAVE framework Apply Defense in Depth principles to wireless networks IP telephony networks data centers and IPv6 networks This security book is part of the Cisco Press Networking Technology Series Security titles from Cisco Press help networking professionals secure critical data and resources prevent and mitigate network attacks and build end to end self defending networks Category Networking Security Covers Network security and incident response [IT Security Survival Guide](#) TechRepublic, Incorporated,2004

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