

Microsoft Update For Windows Security Uefi Forum

Get a head start deploying Windows 10--with tips and best practices from experts in the field. This guide shows you how to deploy Windows 10 in an automated way without impacting end users by leveraging System Center Configuration Manager, which is the most used product to deploy Microsoft operating systems in the industry today.

Citrix Presentation Server allows remote users to work off a network server as if they weren't remote. That means: Incredibly fast access to data and applications for users, no third party VPN connection, and no latency issues. All of these features make Citrix Presentation Server a great tool for increasing access and productivity for remote users. Unfortunately, these same features make Citrix just as dangerous to the network it's running on. By definition, Citrix is granting remote users direct access to corporate servers?..achieving this type of access is also the holy grail for malicious hackers. To compromise a server running Citrix Presentation Server, a hacker need not penetrate a heavily defended corporate or government server. They can simply compromise the far more vulnerable laptop, remote office, or home office of any computer connected to that server by Citrix Presentation Server. All of this makes Citrix Presentation Server a high-value target for malicious hackers. And although it is a high-value target, Citrix Presentation Servers and remote workstations are often relatively easily hacked, because they are often times deployed by overworked system administrators who haven't even configured the most basic security features offered by Citrix. "The problem, in other words, isn't a lack of options for securing Citrix instances; the problem is that administrators aren't using them." (eWeek, October 2007). In support of this assertion Security researcher Petko D. Petkov, aka "pdp", said in an Oct. 4 posting that his recent testing of Citrix gateways led him to "tons" of "wide-open" Citrix instances, including 10 on government domains and four on military domains. * The most comprehensive book published for system administrators providing step-by-step instructions for a secure Citrix Presentation Server. * Special chapter by Security researcher Petko D. Petkov'aka "pdp detailing tactics used by malicious hackers to compromise Citrix Presentation Servers. * Companion Web site contains custom Citrix scripts for administrators to install, configure, and troubleshoot Citrix Presentation Server.

Step by step guide to connecting all your electronic devices into one network A home network allows you to share Internet connections, photos, video, music, game consoles, printers, and other electronic gadgets. This do-it-yourself guide shows you step by step how to create a wired or wireless network in your home. In the For Dummies tradition of making technology less intimidating, Home Networking Do-It-Yourself For Dummies breaks down the process into easy steps with clear instructions. Increasing broadband speeds, cellular technology, the explosive growth of iPhone sales, and the new Home Group feature in Windows 7 all contribute to a booming interest in home networking This step-by-step guide walks do-it-yourselfers through the process of setting up a wired or wireless network with Windows 7 and Windows Vista Demonstrates how to connect desktops or laptops, printers, a home server, a router, high-speed Internet access, a video game system, a telephone line, and entertainment peripherals Shows how to share files, music, and video, and connect to an iPhone Provides maintenance and troubleshooting tips Home Networking Do-It-Yourself For

Dummies enables you to take advantage of everything a home network can offer without hiring a technology wizard.

The latest Windows security attack and defense strategies "Securing Windows begins with reading this book." --James Costello (CISSP) IT Security Specialist, Honeywell

Meet the challenges of Windows security with the exclusive Hacking Exposed "attack-countermeasure" approach. Learn how real-world malicious hackers conduct reconnaissance of targets and then exploit common misconfigurations and software flaws on both clients and servers. See leading-edge exploitation techniques demonstrated, and learn how the latest countermeasures in Windows XP, Vista, and Server 2003/2008 can mitigate these attacks. Get practical advice based on the authors' and contributors' many years as security professionals hired to break into the world's largest IT infrastructures. Dramatically improve the security of Microsoft technology deployments of all sizes when you learn to: Establish business relevance and context for security by highlighting real-world risks Take a tour of the Windows security architecture from the hacker's perspective, exposing old and new vulnerabilities that can easily be avoided Understand how hackers use reconnaissance techniques such as footprinting, scanning, banner grabbing, DNS queries, and Google searches to locate vulnerable Windows systems Learn how information is extracted anonymously from Windows using simple NetBIOS, SMB, MSRPC, SNMP, and Active Directory enumeration techniques Prevent the latest remote network exploits such as password grinding via WMI and Terminal Server, passive Kerberos logon sniffing, rogue server/man-in-the-middle attacks, and cracking vulnerable services See up close how professional hackers reverse engineer and develop new Windows exploits Identify and eliminate rootkits, malware, and stealth software Fortify SQL Server against external and insider attacks Harden your clients and users against the latest e-mail phishing, spyware, adware, and Internet Explorer threats Deploy and configure the latest Windows security countermeasures, including BitLocker, Integrity Levels, User Account Control, the updated Windows Firewall, Group Policy, Vista Service Refactoring/Hardening, SafeSEH, GS, DEP, Patchguard, and Address Space Layout Randomization

Explains how to effectively protect one's Windows 2000, NT, XP, .NET Server 2003, or other Windows-based systems from a variety of security breaches.

Not Available

The deployment of software patches can be just as challenging as building entirely new workstations. Training and support issues can haunt even the most successful software launch for months. Preparing for the rigors of software deployment includes not just implementing change, but training employees, predicting and mitigating pitfalls, and managin

Software update is an important mechanism by which security changes and improvements are made in software, and this seemingly simple concept encompasses a wide variety of practices, mechanisms, policies, and technologies. To explore the landscape further, the Forum on Cyber Resilience hosted a workshop featuring invited speakers from government, the private sector, and academia. This publication summarizes the presentations and discussions from the workshop.

Microsoft Forefront is a comprehensive suite of security products that will provide companies with multiple layers of defense against threats. Computer and Network Security is a paramount

issue for companies in the global marketplace. Businesses can no longer afford for their systems to go down because of viruses, malware, bugs, trojans, or other attacks. Running a Microsoft Forefront Suite within your environment brings many different benefits. Forefront allows you to achieve comprehensive, integrated, and simplified infrastructure security. This comprehensive suite of tools provides end-to-end security stretching from Web servers back to the desktop. This book will provide system administrators familiar with Syngress' existing Microsoft networking and security titles with a complete reference to Microsoft's flagship security products. * First book to address securing an entire Microsoft network from Web servers all the way back to the desktop. * Companion Web site provides best practices checklists for securing Microsoft operating systems, applications, servers, and databases. * Companion Web site provides special chapter on designing and implementing a disaster recover plan for a Microsoft network.

Security for Microsoft Windows System is a handy guide that features security information for Windows beginners and professional admin. It provides information on security basics and tools for advanced protection against network failures and attacks. The text is divided into six chapters that cover details about network attacks, system failures, audits, and social networking. The book introduces general security concepts including the principles of information security, standards, regulation, and compliance; authentication, authorization, and accounting; and access control. It also covers the cryptography and the principles of network, system, and organizational and operational security, including risk analysis and disaster recovery. The last part of the book presents assessments and audits of information security, which involve methods of testing, monitoring, logging, and auditing. This handy guide offers IT practitioners, systems and network administrators, and graduate and undergraduate students in information technology the details they need about security concepts and issues. Non-experts or beginners in Windows systems security will also find this book helpful. Take all the confusion out of security including: network attacks, system failures, social networking, and even audits Learn how to apply and implement general security concepts Identify and solve situations within your network and organization

The perfect resource for learning from the ground up, Eckert's HANDS-ON MICROSOFT WINDOWS SERVER 2019 is designed to build a foundation in basic server administration -- no prior server experience required. It covers all of the core Windows Server 2019 features using a logical topic flow and step-by-step exercises that can be performed within a home or college lab environment, making it an ideal choice for a Windows Server 2019 administration course. It teaches you how to deploy Windows Server 2019 in a variety of settings, including data center and cloud environments that rely on virtualization and containers. It also covers configuring and managing server storage, troubleshooting performance issues as well as working with common Windows Server technologies and network services, including Active Directory, DNS, DHCP, IPAM, file sharing, printing and remote access. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center's full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You'll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you'll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft's leading cloud security experts show how to: • Assess the impact of cloud and hybrid environments on security, compliance, operations, data

- protection, and risk management
- Master a new security paradigm for a world without traditional perimeters
- Gain visibility and control to secure compute, network, storage, and application workloads
- Incorporate Azure Security Center into your security operations center
- Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions
- Adapt Azure Security Center's built-in policies and definitions for your organization
- Perform security assessments and implement Azure Security Center recommendations
- Use incident response features to detect, investigate, and address threats
- Create high-fidelity fusion alerts to focus attention on your most urgent security issues
- Implement application whitelisting and just-in-time VM access
- Monitor user behavior and access, and investigate compromised or misused credentials
- Customize and perform operating system security baseline assessments
- Leverage integrated threat intelligence to identify known bad actors

A full-color guide to key Windows 7 administration concepts and topics Windows 7 is the leading desktop software, yet it can be a difficult concept to grasp, especially for those new to the field of IT. Microsoft Windows Operating System Essentials is an ideal resource for anyone new to computer administration and looking for a career in computers. Delving into areas such as fundamental Windows 7 administration concepts and various desktop OS topics, this full-color book addresses the skills necessary for individuals looking to break into a career in IT. Each chapter begins with a list of topic areas to be discussed, followed by a clear and concise discussion of the core Windows 7 administration concepts and skills necessary so you can gain a strong understanding of the chapter topic areas. The chapters conclude with review questions and suggested labs, so you can gauge your understanding of the chapter's contents. Offers in-depth coverage of operating system configurations Explains how to install and upgrade client systems Addresses managing applications and devices Helps you understand operating system maintenance Covers the topics you need to know for the MTA 98-349 exam The full-color Microsoft Windows 7 Essentials proves itself to be an invaluable resource on Windows 7 and features additional learning tutorials and tools.

When an IT security configuration checklist (e.g., hardening or lockdown guide) is applied to a system in combination with trained system administrators and a sound and effective security program, a substantial reduction in vulnerability exposure can be achieved. This guide will assist personnel responsible for the administration and security of Windows XP systems. It contains information that can be used to secure local Windows XP workstations, mobile computers, and telecommuter systems more effectively in a variety of environments, including small office, home office and managed enterprise environments. The guidance should only be applied throughout an enterprise by trained and experienced system administrators. Illustrations.

800x600 Focused technical guidance from System Center experts Part of a series of specialized guides on System Center--this book walks through the tools and resources used to manage the complex task of tracking and applying software updates to client computers in the enterprise using Windows Server 2012 R2 and System Center 2012 R2, or later. Written by experts on the Microsoft System Center team and with Microsoft MVP Mitch Tulloch as series editor, this title focuses on maintaining operational efficiency, minimizing security issues, and maintaining the stability of the network infrastructure. Normal 0 false false false EN-US X-NONE X-NONE MicrosoftInternetExplorer4

The second edition of this comprehensive handbook of computer and information security provides the most complete view of computer security and privacy available. It offers in-depth coverage of security theory, technology, and practice as they relate to established technologies as well as recent advances. It explores practical solutions to many security issues. Individual chapters are authored by leading experts in the field and address the immediate and long-term challenges in the authors' respective areas of expertise. The book is organized into 10 parts comprised of 70 contributed chapters by leading experts in the areas of networking and

systems security, information management, cyber warfare and security, encryption technology, privacy, data storage, physical security, and a host of advanced security topics. New to this edition are chapters on intrusion detection, securing the cloud, securing web apps, ethical hacking, cyber forensics, physical security, disaster recovery, cyber attack deterrence, and more. Chapters by leaders in the field on theory and practice of computer and information security technology, allowing the reader to develop a new level of technical expertise
Comprehensive and up-to-date coverage of security issues allows the reader to remain current and fully informed from multiple viewpoints Presents methods of analysis and problem-solving techniques, enhancing the reader's grasp of the material and ability to implement practical solutions

Here's the book you need to prepare for Exam 70-291, Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure. This Study Guide provides: In-depth coverage of every exam objective Practical information on managing and maintaining a Windows Server 2003 environment Hundreds of challenging practice questions, in the book and on the CD Leading-edge exam preparation software, including a test engine, electronic flashcards, and simulation software Authoritative coverage of all exam objectives, including: Implementing, managing, and maintaining IP addressing Implementing, managing, and maintaining name resolution Implementing, managing, and maintaining network security Implementing, managing, and maintaining routing and remote access Maintaining a network infrastructure Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Well respected, practical reference guide to Microsoft Windows Server 2003 that now covers the "R2" update.

Describes how to put software security into practice, covering such topics as risk analysis, coding policies, Agile Methods, cryptographic standards, and threat tree patterns.

Get in-depth guidance—and inside insights—for using the Windows Sysinternals tools available from Microsoft TechNet. Guided by Sysinternals creator Mark Russinovich and Windows expert Aaron Margosis, you'll drill into the features and functions of dozens of free file, disk, process, security, and Windows management tools. And you'll learn how to apply the book's best practices to help resolve your own technical issues the way the experts do. Diagnose. Troubleshoot. Optimize. Analyze CPU spikes, memory leaks, and other system problems Get a comprehensive view of file, disk, registry, process/thread, and network activity Diagnose and troubleshoot issues with Active Directory Easily scan, disable, and remove autostart applications and components Monitor application debug output Generate trigger-based memory dumps for application troubleshooting Audit and analyze file digital signatures, permissions, and other security information Execute Sysinternals management tools on one or more remote computers Master Process Explorer, Process Monitor, and Autoruns
Microsoft Windows Security Essentials John Wiley & Sons

Windows 8 is quite different than previous Microsoft operating systems, but it's still eminently hackable. With this book, you'll learn how to make a variety of modifications, from speeding up boot time and disabling the Lock screen to hacking native apps and running Windows 8 on a Mac. And that's just the beginning. You'll find more than 100 standalone hacks on performance, multimedia, networking, the cloud, security, email, hardware, and more. Not only will you learn how to use each hack, you'll also discover why it works. Add folders and other objects to the Start screen Run other Windows

versions inside Windows 8 Juice up performance and track down bottlenecks Use the SkyDrive cloud service to sync your files everywhere Speed up web browsing and use other PCs on your home network Secure portable storage and set up a virtual private network Hack Windows 8 Mail and services such as Outlook Combine storage from different devices into one big virtual disk Take control of Window 8 setting with the Registry

This is the first of two books serving as an expanded and up-dated version of Windows Server 2003 Security Infrastructures for Windows 2003 Server R2 and SP1 & SP2. The authors choose to encompass this material within two books in order to illustrate the intricacies of the different paths used to secure MS Windows server networks. Since its release in 2003 the Microsoft Exchange server has had two important updates, SP1 and SP2. SP1, allows users to increase their security, reliability and simplify the administration of the program. Within SP1, Microsoft has implemented R2 which improves identity and access management across security-related boundaries. R2 also improves branch office server management and increases the efficiency of storage setup and management. The second update, SP2 minimizes spam, pop-ups and unwanted downloads. These two updated have added an enormous amount of programming security to the server software. * Covers all SP1 and SP2 updates * Details strategies for patch management * Provides key techniques to maintain security application upgrades and updates

Enhance Windows security and protect your systems and servers from various cyber attacks Key Features Protect your device using a zero-trust approach and advanced security techniques Implement efficient security measures using Microsoft Intune, Configuration Manager, and Azure solutions Understand how to create cyber-threat defense solutions effectively Book Description Are you looking for effective ways to protect Windows-based systems from being compromised by unauthorized users? Mastering Windows Security and Hardening is a detailed guide that helps you gain expertise when implementing efficient security measures and creating robust defense solutions. We will begin with an introduction to Windows security fundamentals, baselining, and the importance of building a baseline for an organization. As you advance, you will learn how to effectively secure and harden your Windows-based system, protect identities, and even manage access. In the concluding chapters, the book will take you through testing, monitoring, and security operations. In addition to this, you'll be equipped with the tools you need to ensure compliance and continuous monitoring through security operations. By the end of this book, you'll have developed a full understanding of the processes and tools involved in securing and hardening your Windows environment. What you will learn Understand baselining and learn the best practices for building a baseline Get to grips with identity management and access management on Windows-based systems Delve into the device administration and remote management of Windows-based systems Explore security tips to harden your Windows server and keep clients secure Audit, assess, and test to ensure controls are successfully applied and enforced Monitor and report activities to stay on top of vulnerabilities Who this book is for This book is for system administrators, cybersecurity and technology professionals, solutions architects, or anyone interested in learning how to secure their Windows-based systems. A basic understanding of Windows security concepts, Intune, Configuration Manager, Windows PowerShell, and Microsoft Azure

will help you get the best out of this book.

Designed specifically to meet the needs of users who have a broad range of experience levels, **ILLUSTRATED MICROSOFT WINDOWS 10: INTERMEDIATE** equips readers with both basic and more advanced Microsoft Windows 10 skills. The book's practical, user-friendly format allows readers to work through an entire lesson without turning a page. This streamlined book gets users up and running immediately with the latest features of Microsoft Windows 10, including the new user interface, working with the Charms bar, starting an app, working with windows, managing files, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The quick way to learn Windows 10 This is learning made easy. Get more done quickly with Windows 10. Jump in wherever you need answers--brisk lessons and colorful screenshots show you exactly what to do, step by step. Discover fun and functional Windows 10 features! Work with the new, improved Start menu and Start screen Learn about different sign-in methods Put the Cortana personal assistant to work for you Manage your online reading list and annotate articles with the new browser, Microsoft Edge Help safeguard your computer, your information, and your privacy Manage connections to networks, devices, and storage resources

Now fully updated and revised, this official Microsoft **RESOURCE KIT** delivers the in-depth information and tools you need to help protect your Windows-based clients, servers, networks, and Internet services. Security experts Ben Smith and Brian Komar, working in conjunction with the Microsoft Security Team, explain how core Windows security internals work and how to assess security threats and vulnerabilities, configure security features, monitor and respond to security events, and effectively apply security technologies and best practices. You'll find new information on Microsoft Windows Server 2003 Service Pack 1, Windows XP Service Pack 2, and Microsoft Office 2003 Editions. And you'll get essential tools, scripts, templates, and other key resources on the CD. Get in-depth guidance on how to: Build security considerations into the design of Active Directory objects, domains, and forests; manage user accounts and passwords; apply Group Policy **NEW--Utilize the Security Configuration Wizard and Windows Update Services Configure TCP/IP and the Windows Firewall, and address the unique security risks of mobile computing and wireless networking Define security settings for domain controllers, IIS 5.0 and 6.0, Windows Terminal Services, and DNS, DHCP, WINS, RAS, and certificate servers NEW--Design an 802.1x authentication infrastructure NEW--Implement the security advances in Microsoft Office 2003 Editions, IIS 6.0, and the latest service packs Perform security assessments and respond to security incidents Manage security and privacy settings for Microsoft Office and Internet Explorer CD features: 20+ tools and scripts, including: Placeholder script Xcacls.vbs--to script file and folder permissions EventcombMT.exe--to collect and search event logs from multiple computers through a GUI Microsoft Encyclopedia of Networking, Second Edition, eBook Microsoft Encyclopedia of Security eBook Bonus content from additional Microsoft Press security books eBook of the complete **RESOURCE KIT** For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.**

PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! More than 90 percent of individuals, students, educators, businesses, organizations, and governments use Microsoft Windows, which has experienced frequent attacks against its well-publicized vulnerabilities. Written by an industry expert, **Security Strategies in Windows Platforms and Applications** focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system. Particular emphasis is placed on Windows XP, Vista, and 7 on the desktop, and Windows Server 2003 and 2008 versions. It highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also

includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security strategies and techniques.

Get a head start evaluating Windows 10--with early technical insights from award-winning journalist and Windows expert Ed Bott. This guide introduces new features and capabilities, providing a practical, high-level overview for IT professionals ready to begin deployment planning now. This book is a preview, a work in progress about a work in progress. It offers a snapshot of the Windows 10 Technical Preview as of April 2015, on the eve of the BUILD Developers' Conference in San Francisco.

Windows security concepts and technologies for IT beginners IT security can be a complex topic, especially for those new to the field of IT. This full-color book, with a focus on the Microsoft Technology Associate (MTA) program, offers a clear and easy-to-understand approach to Windows security risks and attacks for newcomers to the world of IT. By paring down to just the essentials, beginners gain a solid foundation of security concepts upon which more advanced topics and technologies can be built. This straightforward guide begins each chapter by laying out a list of topics to be discussed, followed by a concise discussion of the core networking skills you need to have to gain a strong handle on the subject matter. Chapters conclude with review questions and suggested labs so you can measure your level of understanding of the chapter's content. Serves as an ideal resource for gaining a solid understanding of fundamental security concepts and skills Offers a straightforward and direct approach to security basics and covers anti-malware software products, firewalls, network topologies and devices, network ports, and more Reviews all the topics you need to know for taking the MTA 98-367 exam Provides an overview of security components, looks at securing access with permissions, addresses audit policies and network auditing, and examines protecting clients and servers If you're new to IT and interested in entering the IT workforce, then Microsoft Windows Security Essentials is essential reading.

Over 95% of computers around the world are running at least one Microsoft product. Microsoft Windows Software Update Service is designed to provide patches and updates to every one of these computers. The book will begin by describing the feature set of WSUS, and the benefits it provides to system administrators. Next, the reader will learn the steps that must be taken to configure their servers and workstations to make them compatible with WSUS. A special section then follows to help readers migrate from Microsoft's earlier update service, Software Update Service (SUS) to WSUS. The next chapters will then address the particular needs and complexities of managing WSUS on an enterprise network. Although WSUS is designed to streamline the update process, this service can still be a challenge for administrators to use effectively. To address these issues, the next chapters deal specifically with common problems that occur and the reader is provided with invaluable troubleshooting information. One of the other primary objectives of WSUS is to improve the overall security of Windows networks by ensuring that all systems have the most recent security updates and patches. To help achieve this goal, the next sections cover securing WSUS itself, so that critical security patches are always applied and cannot be compromised by malicious hackers. * Only book available on Microsoft's brand new, Windows Server Update Services * Employs Syngress' proven "How to Cheat" methodology providing readers with everything they need and nothing they don't * WSUS works with every Microsoft product, meaning any system administrator running a Windows-based network is a potential customer for this book

This full-color guide covers the basics of securing a Windows operating system and prepares you to take the Microsoft Technology Associate Exam 98-367, Security Fundamentals. You'll learn essential security principles, then quickly get up to speed on malware, NTFS permissions, firewalls, encryption, and much more.

NOTE: This title is also available as a free eBook. It is offered for sale in print format as a convenience. Get a head start evaluating Windows 8.1 - with early technical insights from award-winning journalist and Windows expert Ed Bott. Based on the Windows 8.1 Preview release, this guide introduces new features and capabilities, with scenario-based advice on how Windows 8.1 can meet the needs of your business. Get the high-level overview you need to begin preparing your deployment now. Preview new features and enhancements, including: How features compare to Windows 7 and Windows XP The Windows 8.1 user experience Deployment Security features Internet Explorer 11 Delivering Windows apps Recovery options Networking and remote access Managing mobile devices Virtualization Windows RT 8.1

Comdex Professional Edition is specially designed for software explorers who want to take next higher step towards mastering Windows Vista and MS Office 2007. Simple language, easy to read layout, tooltips and detailed description of minute settings set this book at par. Not this much, the self learning tutorial (world acclaimed) test your skills and correct whenever you made a mistake.

Microsoft's Windows Vista will open up for its users a whole new way of using their PCs. With plenty of screenshots to guide users along the way, respected author Chris Fehily takes readers through Vista's breakthrough capabilities, including its new user interface, Sidebar, Internet Explorer, Media Player, anti-spyware, Mail, SideShow, and photo-sharing capabilities; as well as all the new enhancements included in the Service Pack 1 update. Windows Vista Service Pack 1 will deliver improvements and enhancements to the existing Vista features that will significantly impact customers, and this book is the quickest way to mastering them! The updates in Windows Vista SP1 cover quality improvements (reliability, security, and performance), support for emerging hardware and standards, and more. Windows Vista SP1 will include improvements that target some of the most common causes of crashes and hangs, giving users a more consistent experience.

Optimize Windows system reliability and performance with Sysinternals IT pros and power users consider the free Windows Sysinternals tools indispensable for diagnosing, troubleshooting, and deeply understanding the Windows platform. In this extensively updated guide, Sysinternals creator Mark Russinovich and Windows expert Aaron Margosis help you use these powerful tools to optimize any Windows system's reliability, efficiency, performance, and security. The authors first explain Sysinternals' capabilities and help you get started fast. Next, they offer in-depth coverage of each major tool, from Process Explorer and Process Monitor to Sysinternals' security and file utilities. Then, building on this knowledge, they show the tools being used to solve real-world cases involving error messages, hangs, sluggishness, malware infections, and much more. Windows Sysinternals creator Mark Russinovich and Aaron Margosis show you how to: Use Process Explorer to display detailed process and system information Use Process Monitor to capture low-level system events, and quickly filter the

output to narrow down root causes List, categorize, and manage software that starts when you start or sign in to your computer, or when you run Microsoft Office or Internet Explorer Verify digital signatures of files, of running programs, and of the modules loaded in those programs Use Autoruns, Process Explorer, Sigcheck, and Process Monitor features that can identify and clean malware infestations Inspect permissions on files, keys, services, shares, and other objects Use Sysmon to monitor security-relevant events across your network Generate memory dumps when a process meets specified criteria Execute processes remotely, and close files that were opened remotely Manage Active Directory objects and trace LDAP API calls Capture detailed data about processors, memory, and clocks Troubleshoot unbootable devices, file-in-use errors, unexplained communication, and many other problems Understand Windows core concepts that aren't well-documented elsewhere

Written by experts on the frontlines, Investigating Internet Crimes provides seasoned and new investigators with the background and tools they need to investigate crime occurring in the online world. This invaluable guide provides step-by-step instructions for investigating Internet crimes, including locating, interpreting, understanding, collecting, and documenting online electronic evidence to benefit investigations. Cybercrime is the fastest growing area of crime as more criminals seek to exploit the speed, convenience and anonymity that the Internet provides to commit a diverse range of criminal activities. Today's online crime includes attacks against computer data and systems, identity theft, distribution of child pornography, penetration of online financial services, using social networks to commit crimes, and the deployment of viruses, botnets, and email scams such as phishing. Symantec's 2012 Norton Cybercrime Report stated that the world spent an estimated \$110 billion to combat cybercrime, an average of nearly \$200 per victim. Law enforcement agencies and corporate security officers around the world with the responsibility for enforcing, investigating and prosecuting cybercrime are overwhelmed, not only by the sheer number of crimes being committed but by a lack of adequate training material. This book provides that fundamental knowledge, including how to properly collect and document online evidence, trace IP addresses, and work undercover. Provides step-by-step instructions on how to investigate crimes online Covers how new software tools can assist in online investigations Discusses how to track down, interpret, and understand online electronic evidence to benefit investigations Details guidelines for collecting and documenting online evidence that can be presented in court

Secure and manage your Azure cloud infrastructure, Office 365, and SaaS-based applications and devices. This book focuses on security in the Azure cloud, covering aspects such as identity protection in Azure AD, network security, storage security, unified security management through Azure Security Center, and many more. Beginning Security with Microsoft Technologies begins with an introduction to some common security challenges and then discusses options for

addressing them. You will learn about Office Advanced Threat Protection (ATP), the importance of device-level security, and about various products such as Device Guard, Intune, Windows Defender, and Credential Guard. As part of this discussion you'll cover how secure boot can help an enterprise with pre-breach scenarios. Next, you will learn how to set up Office 365 to address phishing and spam, and you will gain an understanding of how to protect your company's Windows devices. Further, you will also work on enterprise-level protection, including how advanced threat analytics aids in protection at the enterprise level. Finally, you'll see that there are a variety of ways in which you can protect your information. After reading this book you will be able to understand the security components involved in your infrastructure and apply methods to implement security solutions. What You Will Learn Keep corporate data and user identities safe and secure Identify various levels and stages of attacks Safeguard information using Azure Information Protection, MCAS, and Windows Information Protection, regardless of your location Use advanced threat analytics, Azure Security Center, and Azure ATP Who This Book Is For Administrators who want to build secure infrastructure at multiple levels such as email security, device security, cloud infrastructure security, and more.

Students who are beginning studies in technology need a strong foundation in the basics before moving on to more advanced technology courses and certification programs. The Microsoft Technology Associate (MTA) is a new and innovative certification track designed to provide a pathway for future success in technology courses and careers. The MTA program curriculum helps instructors teach and validate fundamental technology concepts and provides students with a foundation for their careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. Vital fundamentals of security are included such as understanding security layers, authentication, authorization, and accounting. They will also become familiar with security policies, network security and protecting the Server and Client.

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