

Checksum Verifier 10

Kui Ren,Xue Liu,Weifa Liang,Ming Xu,Xiaohua Jia,KAI XING

Trust and Trustworthy Computing Alessandro Acquisti, Sean W. Smith, Ahmad-Reza Sadeghi, 2010-06-29 This volume contains the proceedings of the Third International Conference on Trust and Trustworthy Computing (TRUST), held at the Ritz-Carlton hotel in Berlin, Germany, June 21–23, 2010. TRUST is a rapidly growing forum for research on the technical and socio-economic aspects of trustworthy infrastructures. TRUST provides an interdisciplinary forum for researchers, practitioners, and decision makers to explore new ideas and discuss experiences in building, designing, using, and understanding trustworthy computing systems. The third edition of TRUST welcomed manuscripts in two different tracks: a Technical Strand and a Socio-economic Strand. We assembled an engaging program with 21 peer-reviewed technical papers and nine peer-reviewed socio-economic papers; eight keynotes from industry, academia, and government; and panel discussions on privacy and standards. In addition, this year, TRUST was co-located with four workshops: Trust in Cloud, Hardware Security, Emerging and Future Risks, and Anonymous Signatures. We would like to thank numerous individuals for their effort and contribution to the conference and for making TRUST 2010 possible: the Organizing Committee members—Nadine Palacios and Marcel Winandy—for their tremendous help with all aspects of the organization; the Technical and Socio-economic Program Committee members, whose names are listed on the following pages, together with the names of external reviewers who helped us in the process of selecting manuscripts to be included in the conference proceedings; the keynote and invited speakers; and the invited panel speakers.

SQL Server 2005 Practical Troubleshooting Ken Henderson, 2006-12-08 Never-Before-Published Insiders' Information for Troubleshooting SQL Server 2005. This is the definitive guide to troubleshooting the Microsoft SQL Server 2005 database engine, direct from the people who know it most intimately: the people who wrote it, designed it, and support it. SQL Server expert Ken Henderson, author of the best-selling *Guru's Guides to SQL Server*, has assembled a "dream team" of SQL Server developers and support engineers to provide in-depth troubleshooting and diagnostic information that has never been documented before: information that would be impossible to get without access to Microsoft's own source code. From caching to clustering, query processing to Service Broker, this book will help you address even the toughest problems with database engine operations. Each chapter begins with a brief architectural overview of a key SQL Server component, then drills down into the most common problems users encounter, offering specific guidance on investigating and resolving them. You'll find comprehensive, in-depth chapters on • Waiting and blocking • Data corruption and recovery • Memory • Procedure cache issues • Query processing • Server crashes and other critical failures • Service Broker • SQLOS and scheduling • tempdb • Clustering This is the indispensable resource for everyone who must keep SQL Server running smoothly: DBAs, database application developers, API programmers, and Web developers alike. Contents About the Authors ix Preface xii Acknowledgments xiv 1 Waiting and Blocking Issues 1 2 Data Corruption and Recovery Issues 47 3 Memory Issues 137 4 Procedure Cache Issues 183 5 Query Processor Issues 225 6 Server Crashes and Other Critical Failures 273 7 Service Broker Issues 331 8 SQLOS and Scheduling Issues 369 9 Tempdb Issues 411 10 Clustering Issues 425 The Aging Champion 441 Index 445

The Best of 2600, Collector's Edition Emmanuel Goldstein, 2009-01-26 In response to popular demand, Emmanuel Goldstein (aka, Eric Corley) presents a spectacular collection of the hacker culture, known as 2600: The Hacker Quarterly, from a firsthand perspective. Offering a behind-the-scenes vantage point, this book provides devoted fans of 2600 a compilation of fascinating—and controversial—articles. Cult author and hacker Emmanuel Goldstein has collected some of the strongest, most interesting, and often provocative articles that chronicle milestone events and technology changes that have occurred over the last 24 years. He divulges author names who were formerly only known as "anonymous" but have agreed to have their identity revealed. The accompanying CD-ROM features the best episodes of Goldstein's "Off the Hook" radio shows. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Linux Pocket Guide Daniel J. Barrett, 2004-02-18 O'Reilly's Pocket Guides have earned a reputation as inexpensive, comprehensive, and compact guides that have the stuff but not the fluff. Every page of Linux Pocket Guide lives up to this billing. It clearly explains how to get up to speed quickly on day-to-day Linux use. Once you're up and running, Linux Pocket Guide provides an easy-to-use reference that you can keep by your keyboard for those times when you want a fast, useful answer, not hours in the man pages. Linux Pocket Guide is organized the way you use Linux: by function, not just alphabetically. It's not the 'bible of Linux'; it's a practical and concise guide to the options and commands you need most. It starts with general concepts like files and directories, the shell, and X windows, and then presents detailed overviews of the most essential commands, with clear examples. You'll learn each command's purpose, usage, options, location on disk, and even the RPM package that installed it. The Linux Pocket Guide is tailored to Fedora Linux--the latest spin-off of Red Hat Linux--but most of the information applies to any Linux system. Throw in a host of valuable power user tips and a friendly and accessible style, and you'll quickly find this practical, to-the-point book a small but mighty resource for Linux users.

Wireless Algorithms, Systems, and Applications Kui Ren, Xue Liu, Weifa Liang, Ming Xu, Xiaohua Jia, KAI XING, 2013-07-04 This book constitutes the refereed proceedings of the 8th International Conference on Wireless Algorithms, Systems, and Applications, WASA 2013, held in Zhangjiajie, China, in August 2013. The 25 revised full papers presented together with 18 invited papers were carefully reviewed and selected from 80 submissions. The papers cover the following topics: effective and efficient state-of-the-art algorithm design and analysis, reliable and secure system development and implementations, experimental study and testbed validation, and new application exploration in wireless networks.

On the Move to Meaningful Internet Systems 2006 R. Meersman, 2006-10-24 This two-volume set LNCS 4275/4276 constitutes the refereed proceedings of the four confederated conferences CoopIS 2006, DOA 2006, GADA 2006, and ODBASE 2006 held as OTM 2006 in Montpellier, France in October/November 2006. The 106 revised full and nine short papers presented together with four keynote speeches were carefully reviewed and selected from a total of 361 submissions.

Designing Storage for Exchange 2007 SP1 Pierre Bijaoui, Juergen Hasslauer, 2011-04-08 Designing Storage for Exchange 2007 SP1 will help you understand the new choices and possibilities available in designing your storage environment for Microsoft Exchange Server 2007 SP1. The move of Microsoft Exchange Server from a 32-bit application to the 64-bit world reduced the I/O footprint on the storage subsystem. This allows users to consider shared storage deployments or go the opposite way and focus on direct attached storage. Supporting large mailboxes is now possible, but how do you back up and recover the increased amount of data? Exchange Server 2007 Continuous Replication and new features in Windows Server 2008 Failover Clustering provides interesting possibilities for geographically dispersed deployments. This book explains these new built-in features of Exchange Server 2007 and compares them with application independent data replication solutions provided by high-end storage subsystems. It is critical to understand these key technologies to make the right decision which storage solution best fits your business needs. The authors share their experience from large scale deployments and depict configurations used during their projects. Includes a description of how the move to a 64-bit application reduced the I/O behavior Storage hardware technologies and Windows storage stack features for Exchange server Exchange Server 2007 Continuous Replication and Windows Server 2008 Failover Clustering Performance monitoring and analysis to optimize the Exchange Server 2007 configuration

NFS Illustrated Brent Callaghan, 2000 One of the original developers of the NFS and WebNFS offers unique insight into these key technologies, for both programmers creating and debugging NFS-based applications and network engineers creating new implementations. Readers can gain a deeper understanding of how network file protocols are designed and learn how NFS is implemented on UNIX, Windows NT, Java and web browsers.

Discrete-Event Modeling and Simulation Gabriel A. Wainer, 2017-12-19 Complex artificial dynamic systems require advanced modeling techniques that can accommodate their asynchronous, concurrent, and highly non-linear nature. Discrete Event systems Specification (DEVS) provides a formal framework for hierarchical construction of discrete-event models in a modular manner, allowing for model re-use and reduced development

time. Discrete Event Modeling and Simulation presents a practical approach focused on the creation of discrete-event applications. The book introduces the CD++ tool, an open-source framework that enables the simulation of discrete-event models. After setting up the basic theory of DEVS and Cell-DEVS, the author focuses on how to use the CD++ tool to define a variety of models in biology, physics, chemistry, and artificial systems. They also demonstrate how to map different modeling techniques, such as Finite State Machines and VHDL, to DEVS. The in-depth coverage elaborates on the creation of simulation software for DEVS models and the 3D visualization environments associated with these tools. A much-needed practical approach to creating discrete-event applications, this book offers world-class instruction on the field's most useful modeling tools.

Algorithms and Protocols for Wireless and Mobile Ad Hoc Networks Azzedine Boukerche,2008-11-03 Learn the fundamental algorithms and protocols for wireless and mobile ad hoc networks Advances in wireless networking and mobile communication technologies, coupled with the proliferation of portable computers, have led to development efforts for wireless and mobile ad hoc networks. This book focuses on several aspects of wireless ad hoc networks, particularly algorithmic methods and distributed computing with mobility and computation capabilities. It covers everything readers need to build a foundation for the design of future mobile ad hoc networks: Establishing an efficient communication infrastructure Robustness control for network-wide broadcast The taxonomy of routing algorithms Adaptive backbone multicast routing The effect of inference on routing Routing protocols in intermittently connected mobile ad hoc networks and delay tolerant networks Transport layer protocols ACK-thinning techniques for TCP in MANETs Power control protocols Power saving in solar powered WLAN mesh networks Reputation and trust-based systems Vehicular ad hoc networks Cluster interconnection in 802.15.4 beacon enabled networks The book is complemented with a set of exercises that challenge readers to test their understanding of the material. Algorithms and Protocols for Wireless and Mobile Ad Hoc Networks is appropriate as a self-study guide for electrical engineers, computer engineers, network engineers, and computer science specialists. It also serves as a valuable supplemental textbook in computer science, electrical engineering, and network engineering courses at the advanced undergraduate and graduate levels.

Scaling Microsoft Exchange 2000 Pierre Bijaoui,2002-01-08 Written by one of the industry's leading experts on Exchange Server performance optimization and scalability, this title teaches system designers and administrators the strategies, Exchange features, tools, and best practices to build and manage high-performance systems. 100 illus.

Proceedings of Fourth International Conference on Computer and Communication Technologies K. Ashoka Reddy,B. Rama Devi,Boby George,K. Srujan Raju,Mathini Sellathurai,2023-03-29 The book is a compilation of high-quality scientific papers presented at the 4th International Conference on Computer & Communication Technologies (IC3T 2022). The book covers cutting-edge technologies and applications of soft computing, artificial intelligence and communication. In addition, a variety of further topics are discussed, which include data mining, machine intelligence, fuzzy computing, sensor networks, signal and image processing, human-computer interaction, and web intelligence.

Peacemaking, Religious Belief and the Rule of Law Paul J. Zwier,2017-12-14 This book offers a new way of understanding the role of the mediator in teaching parties the interrelationship between sustainable peace, forgiveness, and international justice. It argues that the arrival of social media presents new opportunities for reaching sustainable peace agreements, through their use in gathering the detailed information that can match victims and perpetrators of past atrocities. The author aims to advance a more expansive understanding of the subjects and limitations of making peace in the shadow of international law by examining the concepts of mediation and forgiveness that exist alongside law. To that end, the book offers an account of the role of the mediator that emerges from the interplay between Ricoeurian imagination and forgiveness and predicts ever-greater opportunities for making peace and protecting human rights that can be facilitated by a harnessing of social media as a tool for making peace with justice. The author also aims to examine how strategies for sustaining the peace must combat the inevitable frustrations with democracy that can lead to a slide into dictatorship. Assad, Obama, and the UN leadership and their decisions concerning making and maintaining peace in Syria are used as case studies to examine the interplay between a leaders' religious beliefs, faith in democracy and rule of law, and impulses towards totalitarianism.

Recent Advances in Intrusion Detection Robin Sommer,Davide Balzarotti,Gregor Maier,2012-02-11 This book constitutes the proceedings of the 14th International Symposium on Recent Advances in Intrusion Detection, RAID 2011, held in Menlo Park, CA, USA in September 2011. The 20 papers presented were carefully reviewed and selected from 87 submissions. The papers are organized in topical sections on application security; malware; anomaly detection; Web security and social networks; and sandboxing and embedded environments.

Principles of Digital Audio Ken C. Pohlmann,1989 A comprehensive technical reference, this handbook covers all the latest technologies of digital audio. Introduces the fundamentals of binary numbers, sampling, quantizing, and dither; includes discussions of CD-I, DAT, DSP, and recordable; provides numerous tables and diagrams to simplify information. Doubles as a user's handbook or textbook.

Managing low-cost digitization projects in Least Developed Countries and Small Island Developing States UNESCO,2021-12-31

Apple Training Series Kevin M. White,2009-12-14 Apple Training Series: Mac OS X Deployment v10.6 uses a combination of task-based instruction and strong visuals to teach intermediate and advanced users how to deploy a wide range of files and systems to multiple users in a large organization. Author Kevin White takes readers through the deployment of software, ranging from individual files, to complete systems, to multiple users, discussing the range of methodologies used. Intermediate users will learn how to use Apple deployment tools, including Disk Utility, PackageMaker, and Apple Software Restore. Advanced users will learn how to customize deployment solutions with scripts to provide post-installation configuration. Throughout the book, users learn how to tie all the solutions together to create fully integrated software and hardware deployment plans. The Apple Training Series serves as both a self-paced learning tool and the official curriculum for the Mac OS X and Mac OS X Server certification programs.

Comprehensive Brachytherapy Jack Venselaar,Ali S. Meigooni,Dimos Baltas,Peter J. Hoskin,2012-11-08 Modern brachytherapy is one of the most important oncological treatment modalities requiring an integrated approach that utilizes new technologies, advanced clinical imaging facilities, and a thorough understanding of the radiobiological effects on different tissues, the principles of physics, dosimetry techniques and protocols, and clinical expertise. A complete overview of the field, Comprehensive Brachytherapy: Physical and Clinical Aspects is a landmark publication, presenting a detailed account of the underlying physics, design, and implementation of the techniques, along with practical guidance for practitioners. Bridging the gap between research and application, this single source brings together the technological basis, radiation dosimetry, quality assurance, and fundamentals of brachytherapy. In addition, it presents discussion of the most recent clinical practice in brachytherapy including prostate, gynecology, breast, and other clinical treatment sites. Along with exploring new clinical protocols, it discusses major advances in imaging, robotics, dosimetry, Monte Carlo-based dose calculation, and optimization.

Detection of Intrusions and Malware, and Vulnerability Assessment Cristiano Giuffrida,Sébastien Bardin,Gregory Blanc,2018-06-21 This book constitutes the refereed proceedings of the 15th International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment, DIMVA 2018, held in Saclay, France, in June 2018. The 17 revised full papers and 1 short paper included in this book were carefully reviewed and selected from 59 submissions. They present topics such as malware analysis; mobile and embedded security; attacks; detection and containment; web and browser security; and reverse engineering.

PCI DSS Jim Seaman,2020-05-01 Gain a broad understanding of how PCI DSS is structured and obtain a high-level view of the contents and context of each of the 12 top-level requirements. The guidance provided in this book will help you effectively apply PCI DSS in your business environments, enhance your payment card defensive posture, and reduce the opportunities for criminals to compromise your network or steal sensitive data assets. Businesses are seeing an increased volume of data breaches, where an opportunist attacker from outside the business or a disaffected employee successfully exploits poor company practices. Rather than being a regurgitation of the PCI DSS controls, this book aims to help you balance the needs of running your business with the value of implementing PCI DSS for the protection of consumer payment card data. Applying lessons learned from history, military experiences (including multiple deployments into hostile areas), numerous PCI QSA assignments, and corporate cybersecurity and InfoSec roles, author Jim Seaman helps you

understand the complexities of the payment card industry data security standard as you protect cardholder data. You will learn how to align the standard with your business IT systems or operations that store, process, and/or transmit sensitive data. This book will help you develop a business cybersecurity and InfoSec strategy through the correct interpretation, implementation, and maintenance of PCI DSS. What You Will Learn Be aware of recent data privacy regulatory changes and the release of PCI DSS v4.0Improve the defense of consumer payment card data to safeguard the reputation of your business and make it more difficult for criminals to breach securityBe familiar with the goals and requirements related to the structure and interdependencies of PCI DSSKnow the potential avenues of attack associated with business payment operationsMake PCI DSS an integral component of your business operationsUnderstand the benefits of enhancing your security cultureSee how the implementation of PCI DSS causes a positive ripple effect across your business Who This Book Is For Business leaders, information security (InfoSec) practitioners, chief information security managers, cybersecurity practitioners, risk managers, IT operations managers, business owners, military enthusiasts, and IT auditors

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