Windows Server 2016 Les Bases Indispensables Pour Administrer Et Configurer Votre Serveur

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QuickBooks 2016 Bonnie Biafore 2015 Offers step-by-step instructions on basic bookkeeping and accounting, and how and when to use specific QuickBooks features. Includes how to set up accounts, track billable time and examine budgets.

Logistics 4.0 Turan Paksoy 2020-12-18 Industrial revolutions have impacted both, manufacturing and service. From the steam engine to digital automated production, the industrial revolutions have conduced significant changes in operations and supply chain management (SCM) processes. Swift changes in manufacturing and service systems have led to phenomenal improvements in productivity. The fast-paced environment brings new challenges and opportunities for the companies that are associated with the adaptation to the new concepts such as Internet of Things (IoT) and Cyber Physical Systems, artificial intelligence (AI), robotics, cyber security, data analytics, block chain and cloud technology. These emerging technologies facilitated and expedited the birth of Logistics 4.0. Industrial Revolution 4.0 initiatives in SCM has attracted stakeholders' attentions due to it is ability to empower using a set of technologies together that helps to execute more efficient production and distribution systems. This initiative has been called Logistics 4.0 of the fourth Industrial Revolution in SCM due to its high potential. Connecting entities, machines, physical items and enterprise resources to each other by using sensors, devices and the internet along the supply chains are the main attributes of Logistics 4.0. IoT enables customers to make more suitable and valuable decisions due to the data-driven structure of the Industry 4.0 paradigm. Besides that, the system's ability of gathering and analyzing information about the environment at any given time and adapting itself to the rapid changes add significant value to the SCM processes. In this peer-reviewed book, experts from all over the world, in the field present a conceptual framework for Logistics 4.0 and provide examples for usage of Industry 4.0 tools in SCM. This book is a work that will be beneficial for both practitioners and students and academicians, as it covers the theoretical framework, on the one hand, and includes examples of practice and real world.

Windows Server 2016 Nicolas Bonnet 2017-05-10 Ce livre de la collection vBook se compose d'un livre de référence sur Windows Server 2016 pour maîtriser les bases de l'administration et de la configuration d'un serveur et d'un approfondissement sous forme de vidéo pour découvrir Nano Server, la nouvelle version du système d'exploitation de Microsoft. Livre Windows Server 2016 - Les bases indispensables pour administrer et configurer votre serveur Ce livre sur Windows Server 2016 est destiné aux administrateurs système ou aux techniciens en informatique qui souhaitent se former sur cette version du système d'exploitation serveur de Microsoft ou mettre à jour leurs connaissances par rapport aux anciennes versions. Il est composé de parties théoriques toujours complétées de parties pratiques permettant de mettre en place les solutions étudiées. Après avoir bien identifié les différents rôles et les fonctionnalités offertes par le système d'exploitation, l'auteur présente Hyper-V (la mémoire vive, les différents types de disques, les snapshots...) puis le partage d'un fichier VHD et son redimensionnement et enfin les switchs virtuels. Cet apport théorique permet la création d'une maquette (ou bac à sable) composée de machines virtuelles exécutant Windows Server 2016 et Windows 10. La console Gestionnaire de serveur est présentée ainsi que certaines de ses fonctionnalités. L'auteur présente ensuite les services Active Directory afin de permettre aux personnes débutantes d'appréhender le vocabulaire utilisé pour Active Directory. En fin de chapitre la migration de l'Active Directory ainsi que Azure AD sont présentés. Les sites AD, la réplication, le catalogue global sont autant de paramètres qui sont étudiés. Par la

suite, le lecteur réalisera la promotion d'un serveur en tant que contrôleur de domaine et en tant que RODC (Read Only Domain Controller) et découvrira le clonage d'un contrôleur de domaine virtuel. La corbeille AD et la stratégie de mot de passe affinée sont expliquées puis mises en pratique. Les services DNS et DHCP sont traités ainsi que la haute disponibilité. L'administration du DHCP à l'aide de PowerShell ainsi que les étapes de migration sont traitées. Les chapitres suivants présentent la mise en place d'un espace de noms DFS ou du gestionnaire du serveur de fichiers et de Nano server. Enfin les derniers chapitres auront pour sujet la mise en place, la gestion et le dépannage des stratégies de groupe, la mise en place d'un serveur de déploiement (capture des données d'une partition ou création d'un fichier de réponse), l'installation d'un serveur wsus ainsi que les outils permettant la gestion et la surveillance du serveur et la présentation du langage PowerShell. Tout au long de ce livre sur Windows Server, l'auteur a mis l'accent sur PowerShell, plusieurs ateliers sont réalisés uniquement en PowerShell (migration serveur de fichiers, migration du DHCP,...). Des éléments complémentaires sont en téléchargement sur le site www.editions-eni.fr. Les chapitres du livre : Rôles et fonctionnalités – Hyper-V – Installation du bac à sable – Services de domaine Active Directory – Console Gestionnaire de serveur- Gestion des objets Active Directory – Implémentation d'un serveur DHCP – Les services réseau sous Windows Server 2016 – Implémentation d'un serveur DNS – Implémentation d'un serveur de fichiers – Gestion du système de fichiers DFS – Infrastructure de stratégies de groupe – Gestion de la politique de sécurité – Dépanner les stratégies de groupe – Implémentation du service de déploiement – Gestion et surveillance des serveurs – Distribuer des mises à jour avec WSUS – PowerShell Vidéo Windows Server 2016 - Présentation de Nano Server Cette vidéo de présentation de Nano Server s'adresse aux administrateurs, aux intégrateurs applicatifs ainsi qu'aux développeurs. Des connaissances générales sur Windows Server (version 2016 ou antérieure) et sur PowerShell permettront d'apprécier pleinement son contenu. Nous allons découvrir ensemble les thématiques qui ont piloté la mise au point de cette nouvelle édition du système d'exploitation serveur de Microsoft. Celle-ci se présente comme l'une des nouveautés marquantes accompagnant la sortie de Windows Server 2016. Dans un premier temps, nous allons découvrir les caractéristiques spécifiques de ce système pour comprendre les scénarios dans lesquels il sera intéressant de déployer Nano Server. Nous verrons ensuite les méthodologies de déploiement que nous allons illustrer à l'aide de démonstrations reprenant des cas d'utilisation classiques. Nous allons, par la suite, détailler les nouvelles techniques et technologies permettant l'administration à distance ainsi que l'automatisation de la configuration pour intégrer facilement Nano Server à votre système d'information. Les scénarios de configuration qui sont présentés vont permettre ainsi de bien comprendre les tenants et aboutissants de l'implémentation et de la configuration de Nano Server. Plusieurs séquences sont consacrées aux conditions de configuration des applications hébergées par Nano Server avec notamment un focus sur le tout nouveau .NET Core et tous les concepts sont illustrés par des démonstrations concrètes d'implémentation de bout en bout. Enfin, nous finirons par un état des lieux des caractéristiques à prendre en compte pour intégrer Nano Server et nous apprendrons aussi à en mesurer les impacts sur votre infrastructure.

The Least Developed Countries Report 2020 United Nations 2021-01-06 This series contains the decisions of the Court in both the English and French texts.

Pentesting Azure Applications Matt Burrough 2018-07-23 A comprehensive guide to penetration testing cloud services deployed with Microsoft Azure, the popular cloud computing service provider used by companies like Warner Brothers and Apple. Pentesting Azure Applications is a comprehensive guide to penetration testing cloud services deployed in Microsoft Azure, the popular cloud computing service provider used by numerous companies. You'll start by learning how to approach a cloud-focused penetration test and how to obtain the proper permissions to execute it; then, you'll learn to perform reconnaissance on an Azure subscription, gain access to Azure Storage accounts, and dig into Azure's Infrastructure as a Service (IaaS). You'll also learn how to: - Uncover weaknesses in virtual machine settings that enable you to acquire passwords, binaries, code, and settings files - Use PowerShell commands to find IP addresses, administrative users, and resource details - Find security issues related to multi-factor authentication and management certificates - Penetrate networks by enumerating firewall rules - Investigate specialized services like Azure Key Vault, Azure Web Apps, and Azure Automation - View logs and security events to find out when you've been caught Packed with sample pentesting scripts, practical advice for completing security assessments, and tips that explain how companies can configure Azure to foil common attacks, Pentesting Azure Applications is a clear overview of how to effectively perform cloud-focused security tests and provide accurate findings and recommendations.

Coral and Brass Holland M. Smith 2017-06-29 Coral and Brass is the biography of General Holland McTyeire "Howlin' Mad" Smith, known as the "father" of modern U.S. amphibious warfare. His book is a riveting first-hand account of key battles fought in the Pacific between the U.S. Army and Canadian troops against the Japanese, including assaults on the Gilbert Islands, the Marshall Islands, the island of Saipan, Tinian in the Marianas and Iwo Jimo.

Microsoft Azure SQL Database Step by Step Leonard Lobel 2014 Your hands-on guide to Azure SQL Database fundamentals Expand your expertise—and teach yourself the fundamentals of Windows Azure SQL Database. If

you have previous programming experience but are new to Azure, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Perform Azure setup and configuration Explore design and security considerations Use programming and reporting services Migrate data Backup and sync data Work with scalability and high performance Understand the differences between SQL Server and Windows Azure SQL Database

The Network Reshapes the Library Lorcan Dempsey 2014-08-18 Since he began posting in 2003, Dempsey has used his blog to explore nearly every important facet of library technology, from the emergence of Web 2.0 as a concept to open source ILS tools and the push to web-scale library management systems.

Linux For Dummies Richard Blum 2009-07-17 One of the fastest ways to learn Linux is with this perennial favorite Eight previous top-selling editions of Linux For Dummies can't be wrong. If you've been wanting to migrate to Linux, this book is the best way to get there. Written in easy-to-follow, everyday terms, Linux For Dummies 9th Edition gets you started by concentrating on two distributions of Linux that beginners love: the Ubuntu LiveCD distribution and the gOS Linux distribution, which comes pre-installed on Everex computers. The book also covers the full Fedora distribution. Linux is an open-source operating system and a low-cost or free alternative to Microsoft Windows; of numerous distributions of Linux, this book covers Ubuntu Linux, Fedora Core Linux, and gOS Linux, and includes them on the DVD. Install new open source software via Synaptic or RPM package managers Use free software to browse the Web, listen to music, read e-mail, edit photos, and even run Windows in a virtualized environment Get acquainted with the Linux command line If you want to get a solid foundation in Linux, this popular, accessible book is for you. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

The Tongue and Quill Air Force 2019-10-11 The Tongue and Quill has been a valued Air Force resource for decades and many Airmen from our Total Force of uniformed and civilian members have contributed their talents to various editions over the years. This revision is built upon the foundation of governing directives and user's inputs from the unit level all the way up to Headquarters Air Force. A small team of Total Force Airmen from the Air University, the United States Air Force Academy, Headquarters Air Education and Training Command (AETC), the Air Force Reserve Command (AFRC), Air National Guard (ANG), and Headquarters Air Force compiled inputs from the field and rebuilt The Tongue and Quill to meet the needs of today's Airmen. The team put many hours into this effort over a span of almost two years to improve the content, relevance, and organization of material throughout this handbook. As the final files go to press it is the desire of The Tongue and Quill team to say thank you to every Airman who assisted in making this edition better; you have our sincere appreciation!

Livres de France 2006

Rhythms of the Brain Gyorgy Buzsaki 2006-08-03 This book provides eloquent support for the idea that spontaneous neuron activity, far from being mere noise, is actually the source of our cognitive abilities. In a sequence of "cycles," György Buzsáki guides the reader from the physics of oscillations through neuronal assembly organization to complex cognitive processing and memory storage. His clear, fluid writing-accessible to any reader with some scientific knowledge-is supplemented by extensive footnotes and references that make it just as gratifying and instructive a read for the specialist. The coherent view of a single author who has been at the forefront of research in this exciting field, this volume is essential reading for anyone interested in our rapidly evolving understanding of the brain.

French books in print, anglais Electre 2001

Windows Server 2016 - L'indispensable pour administrer, configurer et mettre en Jérôme Bezet-Torres 2018-03-14

Social Origins of Dictatorship and Democracy Barrington Moore 2015-12-08 A landmark in comparative history and a challenge to scholars of all lands who are trying to learn how we arrived at where we are now. -New York Times Book Review

Windows 10 Troubleshooting Mike Halsey 2016-09-08 Learn how to troubleshoot Windows 10 the way the experts do, whatever device or form-factor you're using. Focus on the problems that most commonly plague PC users and fix each one with a step-by-step approach that helps you understand the cause, the solution, and the tools required. Discover the connections between the different hardware and software in your devices, and how their bonds with external hardware, networks, and the Internet are more dependent than you think, and learn how to build resilience into any computer system, network, or device running Windows 10. If you're fed up of those nagging day-to-day issues, want to avoid costly repairs, or just want to learn more about how PCs work, Windows 10 Troubleshooting is your ideal one-stop guide to the Windows 10 operating system. What You Will Learn: Understand your PC's ecosystem and how to connect the dots, so you can successfully track problems to their source Create resilient backups of your operating system, files, and documents, and enable quick and easy restore Learn your way around Windows' built-in administration tools, to quickly fix the typical problems that come up Diagnose and repair a wide range of common problems with printers and other essential peripherals Solve complex startup problems that can prevent a PC form booting Make your PC safe and secure for the

whole family, and for everybody in your workplace Understand the threat from malware and viruses and a range of approaches to dealing with them, depending on the situation Bomb-proof your PC with advanced security, group policy, and firewall policies Learn the top Tips and tricks for researching difficult problems, including third-party tools and useful web resources Work with the registry, file system, and Sysinternals to troubleshooting PCs in the workplace Who This Book Is For: Anyone using Windows 10 on a desktop, laptop, or hybrid device

The Antitrust Paradox Robert Bork 2021-02-22 The most important book on antitrust ever written. It shows how antitrust suits adversely affect the consumer by encouraging a costly form of protection for inefficient and uncompetitive small businesses.

Global Trends 2030 Office of the Director of National Intelligence Council 2017-03-11 This publication covers global megatrends for the next 20 years and how they will affect the United States. This is the fifth installment in the National Intelligence Council's series aimed at providing a framework for thinking about possible futures and their implications. The report is intended to stimulate strategic thinking about the rapid and vast geopolitical changes characterizing the world today and possible global trajectories during the next 15-20 years by identifying critical trends and potential discontinuities. The authors distinguish between megatrends, those factors that will likely occur under any scenario, and game-changers, critical variables whose trajectories are far less certain. NIC 2012-001. Several innovations are included in Global Trends 2030, including: a review of the four previous Global Trends reports, input from academic and other experts around the world, coverage of disruptive technologies, and a chapter on the potential trajectories for the US role in the international system and the possible the impact on future international relations. Table of Contents: Introduction 1 Megatrends 6 Individual Empowerment 8 Poverty Reduction 8 An Expanding Global Middle Class 8 Education and the Gender Gap 10 Role of Communications Technologies 11 Improving Health 11 A MORE CONFLICTED IDEOLOGICAL LANDSCAPE 12 Diffusion of Power 15 THE RISE AND FALL OF COUNTRIES: NOT THE SAME OLD STORY 17 THE LIMITS OF HARD POWER IN THE WORLD OF 2030 18 Demographic Patterns 20 Widespread Aging 20 Shrinking Number of Youthful Countries 22 A New Age of Migration 23 The World as Urban 26 Growing Food, Water, and Energy Nexus 30 Food, Water, and Climate 30 A Brighter Energy Outlook 34 Game-Changers 38 The Crisis-Prone Global Economy 40 The Plight of the West 40 Crunch Time Too for the Emerging Powers 43 A Multipolar Global Economy: Inherently More Fragile? 46 The Governance Gap 48 Governance Starts at Home: Risks and Opportunities 48 INCREASED FOCUS ON EQUALITY AND OPENNESS 53 NEW GOVERNMENTAL FORMS 54 A New Regional Order? 55 Global Multilateral Cooperation 55 The Potential for Increased Conflict 59 INTRASTATE CONFLICT: CONTINUED DECLINE 59 Interstate Conflict: Chances Rising 61 Wider Scope of Regional Instability 70 The Middle East: At a Tipping Point 70 South Asia: Shocks on the Horizon 75 East Asia: Multiple Strategic Futures 76 Europe: Transforming Itself 78 Sub-Saharan Africa: Turning a Corner by 2030? 79 Latin America: More Prosperous but Inherently Fragile 81 The Impact of New Technologies 83 Information Technologies 83 AUTOMATION AND MANUFACTURING TECHNOLOGIES 87 Resource Technologies 90 Health Technologies 95 The Role of the United States 98 Steady US Role 98 Multiple Potential Scenarios for the United States' Global Role 101 Alternative Worlds 107 Stalled Engines 110 FUSION 116 Gini-out-of-the-Bottle 122 Nonstate World 128 Acknowledgements 134 GT2030 Blog References 137 Audience: Appropriate for anyone, from businesses to banks, government agencies to start-ups, the technology sector to the teaching sector, and more. This publication helps anticipate where the world will be: socially, politically, technologically, and culturally over the next few decades. Keywords: Global Trends 2030 Alternative Worlds, global trends 2030, Global Trends series, National Intelligence Council, global trajectories, global megatrends, geopolitics, geopolitical changes

AI Superpowers Kai-Fu Lee 2018-09-25 Introduction -- China's Sputnik moment -- Copycats in the Coliseum -- China's alternate Internet universe -- A tale of two countries -- The four waves of AI -- Utopia, dystopia, and the real AI crisis -- The wisdom of cancer -- A blueprint for human co-existence with AI -- Our global AI story

The Multi-Agent Transport Simulation MATSim Andreas Horni 2016-08-10 The MATSim (Multi-Agent Transport Simulation) software project was started around 2006 with the goal of generating traffic and congestion patterns by following individual synthetic travelers through their daily or weekly activity programme. It has since then evolved from a collection of stand-alone C++ programs to an integrated Java-based framework which is publicly hosted, open-source available, automatically regression tested. It is currently used by about 40 groups throughout the world. This book takes stock of the current status. The first part of the book gives an introduction to the most important concepts, with the intention of enabling a potential user to set up and run basic simulations. The second part of the book describes how the basic functionality can be extended, for example by adding schedule-based public transit, electric or autonomous cars, paratransit, or within-day replanning. For each extension, the text provides pointers to the additional documentation and to the code base. It is also discussed how people with appropriate Java programming skills can write their own extensions, and plug them into the MATSim core. The project has started from the basic idea that traffic is a consequence of human behavior, and thus humans and their behavior should be the starting point of all modelling, and with the intuition that when simulations with 100 million particles are possible in computational physics, then behavior-oriented

simulations with 10 million travelers should be possible in travel behavior research. The initial implementations thus combined concepts from computational physics and complex adaptive systems with concepts from travel behavior research. The third part of the book looks at theoretical concepts that are able to describe important aspects of the simulation system; for example, under certain conditions the code becomes a Monte Carlo engine sampling from a discrete choice model. Another important aspect is the interpretation of the MATSim score as utility in the microeconomic sense, opening up a connection to benefit cost analysis. Finally, the book collects use cases as they have been undertaken with MATSim. All current users of MATSim were invited to submit their work, and many followed with sometimes crisp and short and sometimes longer contributions, always with pointers to additional references. We hope that the book will become an invitation to explore, to build and to extend agent-based modeling of travel behavior from the stable and well tested core of MATSim documented here.

Exchange Server 2019 : La migration 2019 Dans cette formation qui s'adresse aux administrateurs et ingénieurs système, vous verrez comment préparer et assurer la migration de services de messagerie d'Exchange Server 2016 vers la toute nouvelle version 2019. Avec Thameur Bourbita, vous aborderez l'ensemble des prérequis et des mises à jour indispensables à l'installation d'Exchange 2019. Puis, vous verrez comment configurer le serveur et assurer le transfert des bases de données de messagerie, afin de décommissionner Exchange 2016. À la fin de cette formation, vous maîtriserez tout le cycle de migration vers Microsoft Exchange Server 2019.

Blown to Bits Harold Abelson 2008 Every day, billions of photographs, news stories, songs, X-rays, TV shows, phone calls, and emails are being scattered around the world as sequences of zeroes and ones: bits. We can't escape this explosion of digital information and few of us want to-the benefits are too seductive. The technology has enabled unprecedented innovation, collaboration, entertainment, and democratic participation. But the same engineering marvels are shattering centuries-old assumptions about privacy, identity, free expression, and personal control as more and more details of our lives are captured as digital data. Can you control who sees all that personal information about you? Can email be truly confidential, when nothing seems to be private? Shouldn't the Internet be censored the way radio and TV are? is it really a federal crime to download music? When you use Google or Yahoo! to search for something, how do they decide which sites to show you? Do you still have free speech in the digital world? Do you have a voice in shaping government or corporate policies about any of this? Blown to Bits offers provocative answers to these questions and tells intriguing real-life stories. This book is a wake-up call To The human consequences of the digital explosion.

Complex Battlespaces LTC Winston S. Williams 2018-11-23 The conduct of warfare is constantly shaped by new forces that create complexities in the battlespace for military operations. As the nature of how and where wars are fought changes, new challenges to the application of the extant body of international law that regulates armed conflicts arise. This inaugural volume of the Lieber Studies Series seeks to address several issues in the confluence of law and armed conflict, with the primary goal of providing the reader with both academic and practitioner perspectives. Featuring chapters from world class scholars, policymakers and other government officials; military and civilian legal practitioners; and other thought leaders, together they examine the role of the law of armed conflict in current and future armed conflicts around the world. Complex Battlespaces also explores several examples of battlespace dynamics through four "lenses of complexity": complexity in legal regimes, governance, technology, and the urbanization of the battlefield.

R for Everyone Jared P. Lander 2017-06-13 Statistical Computation for Programmers, Scientists, Quants, Excel Users, and Other Professionals Using the open source R language, you can build powerful statistical models to answer many of your most challenging questions. R has traditionally been difficult for non-statisticians to learn, and most R books assume far too much knowledge to be of help. R for Everyone, Second Edition, is the solution. Drawing on his unsurpassed experience teaching new users, professional data scientist Jared P. Lander has written the perfect tutorial for anyone new to statistical programming and modeling. Organized to make learning easy and intuitive, this guide focuses on the 20 percent of R functionality you'll need to accomplish 80 percent of modern data tasks. Lander's self-contained chapters start with the absolute basics, offering extensive hands-on practice and sample code. You'll download and install R; navigate and use the R environment; master basic program control, data import, manipulation, and visualization; and walk through several essential tests. Then, building on this foundation, you'll construct several complete models, both linear and nonlinear, and use some data mining techniques. After all this you'll make your code reproducible with LaTeX, RMarkdown, and Shiny. By the time you're done, you won't just know how to write R programs, you'll be ready to tackle the statistical problems you care about most. Coverage includes Explore R, RStudio, and R packages Use R for math: variable types, vectors, calling functions, and more Exploit data structures, including data.frames, matrices, and lists Read many different types of data Create attractive, intuitive statistical graphics Write user-defined functions Control program flow with if, ifelse, and complex checks Improve program efficiency with group manipulations Combine and reshape multiple datasets Manipulate strings using R's facilities and regular expressions Create normal, binomial, and Poisson probability distributions Build linear, generalized linear, and nonlinear models Program basic statistics: mean, standard deviation, and t-tests Train machine

learning models Assess the quality of models and variable selection Prevent overfitting and perform variable selection, using the Elastic Net and Bayesian methods Analyze univariate and multivariate time series data Group data via K-means and hierarchical clustering Prepare reports, slideshows, and web pages with knitr Display interactive data with RMarkdown and htmlwidgets Implement dashboards with Shiny Build reusable R packages with devtools and Rcpp Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available.

Seeing Like a State James C. Scott 2020-03-17 "One of the most profound and illuminating studies of this century to have been published in recent decades."—John Gray, New York Times Book Review Hailed as "a magisterial critique of top-down social planning" by the New York Times, this essential work analyzes disasters from Russia to Tanzania to uncover why states so often fail—sometimes catastrophically—in grand efforts to engineer their society or their environment, and uncovers the conditions common to all such planning disasters. "Beautifully written, this book calls into sharp relief the nature of the world we now inhabit."—New Yorker "A tour de force."— Charles Tilly, Columbia University

Global Trends 2030 National Intelligence Council (U.S.) 2012 This report is intended to stimulate thinking about the rapid and vast geopolitical changes characterizing the world today and possible global trajectories over the next 15 years. As with the NIC's previous Global Trends reports, we do not seek to predict the future, which would be an impossible feat, but instead provide a framework for thinking about possible futures and their implications. In-depth research, detailed modeling and a variety of analytical tools drawn from public, private and academic sources were employed in the production of Global Trends 2030. NIC leadership engaged with experts in nearly 20 countries, from think tanks, banks, government offices and business groups, to solicit reviews of the report.

OpenStack Operations Guide Tom Fifield 2014-04-24 Design, deploy, and maintain your own private or public Infrastructure as a Service (IaaS), using the open source OpenStack platform. In this practical guide, experienced developers and OpenStack contributors show you how to build clouds based on reference architectures, as well as how to perform daily administration tasks. Designed for horizontal scalability, OpenStack lets you build a cloud by integrating several technologies. This approach provides flexibility, but knowing which options to use can be bewildering. Once you complete this book, you'll know the right questions to ask while you organize compute, storage, and networking resources. If you already know how to manage multiple Ubuntu machines and maintain MySQL, you're ready to: Set up automated deployment and configuration Design a single-node cloud controller Use metrics to improve scalability Explore compute nodes, network design, and storage Install OpenStack packages Use an example architecture to help simplify decision-making Build a working environment to explore an IaaS cloud Manage users, projects, and quotas Tackle maintenance, debugging, and network troubleshooting Monitor, log, backup, and restore

SQL Analytique dans SQL Server 2014/2016 Riadh Ghlala 2019-09-01 L'analyse de données est une compétence clé pour l'élaboration d'indicateurs et de métriques permettant le suivi des systèmes d'information. Afin d'assurer cette mission, plusieurs méthodes, techniques et outils ont été développés. C'est le cas des systèmes de gestion de bases de données (SGBD) et du Structured Query Language (SQL), langage de requête préalablement conçu pour la définition et la manipulation des données devenu indispensable pour l'analyse de ces mêmes données. SQL Analytique dans SQL Server 2014/2016 traite des fonctions fournies par Microsoft® SQL Server 2014/2016 pour l'analyse décisionnelle. Après avoir examiné les fondements de l'analyse de données avec SQL, il explique l'expansion de ce langage en étudiant ses caractéristiques à la fois simples, performantes et diverses ; il présente d'abord les requêtes, puis les fonctions et enfin les opérateurs propres à ce langage.

Management Information Systems Kenneth C. Laudon 2004 Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Windows server 2016 Nicolas Bonnet 2016-10-12 Ce livre sur Windows Server 2016 est destiné aux administrateurs système ou aux techniciens en informatique qui souhaitent se former sur le nouveau système d'exploitation serveur de Microsoft ou mettre à jour leurs connaissances par rapport aux anciennes versions. Il est composé de parties théoriques toujours complétées de parties pratiques permettant de mettre en place les solutions étudiées. Après avoir bien identifié les différents rôles et les fonctionnalités offertes par le système d'exploitation, l'auteur propose la création d'une maquette (ou bac à sable) ; celle-ci est composée de machines virtuelles exécutant Windows Server 2016 et Windows 10. Il présente ensuite les services Active Directory afin de permettre aux personnes débutantes d'appréhender le vocabulaire utilisé pour Active Directory. Dans le chapitre suivant le lecteur est invité à prendre connaissance d'Hyper-V : la mémoire vive, les différents types de disques, les snapshots sont les points théoriques présentés. Le chapitre se poursuit par le partage d'un fichier VHD et son redimensionnement et se termine par les switchs virtuels. Les sites AD, la réplication, le catalogue

global sont autant de paramètres qui sont étudiés. Par la suite, le lecteur réalisera la promotion d'un serveur en tant que contrôleur de domaine et en tant que RODC (Read Only Domain Controller) et découvrira la nouveauté de cette version qui consiste à cloner un contrôleur de domaine virtuel. Les nouveautés apportées à la corbeille AD ou à la stratégie de mot de passe affinée sont expliquées puis mises en pratique. Les services DNS et DHCP sont traités et les nouveautés comme la haute disponibilité sont présentées. Les chapitres suivants traitent de la mise en place d'un espace de noms DFS ou du gestionnaire du serveur de fichiers. Enfin les derniers chapitres auront pour sujet la mise en place, la gestion et le dépannage des stratégies de groupe, la mise en place d'un serveur de déploiement (capture des données d'une partition ou création d'un fichier de réponse) ainsi que les outils permettant la gestion et la surveillance du serveur et la présentation du langage PowerShell. Tout au long de ce livre sur Windows Server, l'auteur a mis l'accent sur PowerShell, plusieurs ateliers étant réalisés uniquement en PowerShell (migration serveur de fichiers, migration du DHCP,...). Des éléments complémentaires sont en téléchargement sur le site www.editions-eni.fr.

Group Privacy Linnet Taylor 2016-12-28 The goal of the book is to present the latest research on the new challenges of data technologies. It will offer an overview of the social, ethical and legal problems posed by group profiling, big data and predictive analysis and of the different approaches and methods that can be used to address them. In doing so, it will help the reader to gain a better grasp of the ethical and legal conundrums posed by group profiling. The volume first maps the current and emerging uses of new data technologies and clarifies the promises and dangers of group profiling in real life situations. It then balances this with an analysis of how far the current legal paradigm grants group rights to privacy and data protection, and discusses possible routes to addressing these problems. Finally, an afterword gathers the conclusions reached by the different authors and discuss future perspectives on regulating new data technologies.

Management of Banking Steven Scott MacDonald 2006 A bank's asset and liability management committee or risk management committee is responsible for the overall financial planning and management of the bank's profitability and risk profile. This book emphasizes how managers can develop strategies to maximize stockholders wealth by balancing the trade-off between banking risks and returns.

MongoDB Applied Design Patterns Rick Copeland 2013-03-04 Whether you're building a social media site or an internal-use enterprise application, this hands-on guide shows you the connection between MongoDB and the business problems it's designed to solve. You'll learn how to apply MongoDB design patterns to several challenging domains, such as ecommerce, content management, and online gaming. Using Python and JavaScript code examples, you'll discover how MongoDB lets you scale your data model while simplifying the development process. Many businesses launch NoSQL databases without understanding the techniques for using their features most effectively. This book demonstrates the benefits of document embedding, polymorphic schemas, and other MongoDB patterns for tackling specific big data use cases, including: Operational intelligence: Perform real-time analytics of business data Ecommerce: Use MongoDB as a product catalog master or inventory management system Content management: Learn methods for storing content nodes, binary assets, and discussions Online advertising networks: Apply techniques for frequency capping ad impressions, and keyword targeting and bidding Social networking: Learn how to store a complex social graph, modeled after Google+ Online gaming: Provide concurrent access to character and world data for a multiplayer role-playing game

Code Complete Steve McConnell 2004-06-09 Widely considered one of the best practical guides to programming, Steve McConnell's original CODE COMPLETE has been helping developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software construction. Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking—and help you build the highest quality code. Discover the timeless techniques and strategies that help you: Design for minimum complexity and maximum creativity Reap the benefits of collaborative development Apply defensive programming techniques to reduce and flush out errors Exploit opportunities to refactor—or evolve—code, and do it safely Use construction practices that are right-weight for your project Debug problems quickly and effectively Resolve critical construction issues early and correctly Build quality into the beginning, middle, and end of your project

Project Management Harold Kerzner 2013-01-22 A new edition of the most popular book of project management case studies, expanded to include more than 100 cases plus a "super case" on the Iridium Project Case studies are an important part of project management education and training. This Fourth Edition of Harold Kerzner's Project Management Case Studies features a number of new cases covering value measurement in project management. Also included is the well-received "super case," which covers all aspects of project management and may be used as a capstone for a course. This new edition: Contains 100-plus case studies drawn from real companies to illustrate both successful and poor implementation of project management Represents a wide

range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications Covers cutting-edge areas of construction and international project management plus a "super case" on the Iridium Project, covering all aspects of project management Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam Project Management Case Studies, Fourth Edition is a valuable resource for students, as well as practicing engineers and managers, and can be used on its own or with the new Eleventh Edition of Harold Kerzner's landmark reference, Project Management: A Systems Approach to Planning, Scheduling, and Controlling. (PMP and Project Management Professional are registered marks of the Project Management Institute, Inc.)

Mastering Windows Server 2016 Jordan Krause 2016-10-25 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.

Decision Support Systems Daniel J. Power 2002 For MIS specialists and nonspecialists alike, a comprehensive, readable, understandable guide to the concepts and applications of decision support systems.

Microservice Architecture Irakli Nadareishvili 2016-07-18 Microservices can have a positive impact on your enterprise—just ask Amazon and Netflix—but you can fall into many traps if you don't approach them in the right way. This practical guide covers the entire microservices landscape, including the principles, technologies, and methodologies of this unique, modular style of system building. You'll learn about the experiences of organizations around the globe that have successfully adopted microservices. In three parts, this book explains how these services work and what it means to build an application the Microservices Way. You'll explore a design-based approach to microservice architecture with guidance for implementing various elements. And you'll get a set of recipes and practices for meeting practical, organizational, and cultural challenges to microservice adoption. Learn how microservices can help you drive business objectives Examine the principles, practices, and culture that define microservice architectures Explore a model for creating complex systems and a design process for building a microservice architecture Learn the fundamental design concepts for individual microservices Delve into the operational elements of a microservices architecture, including containers and service discovery Discover how to handle the challenges of introducing microservice architecture in your

organization

DICOM Structured Reporting David A. Clunie 2000

Excel 2013: The Missing Manual Matthew MacDonald 2013-04-18 The world's most popular spreadsheet program is now more powerful than ever, but it's also more complex. That's where this Missing Manual comes in. With crystal-clear explanations and hands-on examples, Excel 2013: The Missing Manual shows you how to master Excel so you can easily track, analyze, and chart your data. You'll be using new features like PowerPivot and Flash Fill in no time. The important stuff you need to know: Go from novice to ace. Learn how to analyze your data, from writing your first formula to charting your results. Illustrate trends. Discover the clearest way to present your data using Excel's new Quick Analysis feature. Broaden your analysis. Use pivot tables, slicers, and timelines to examine your data from different perspectives. Import data. Pull data from a variety of sources, including website data feeds and corporate databases. Work from the Web. Launch and manage your workbooks on the road, using the new Excel Web App. Share your worksheets. Store Excel files on SkyDrive and collaborate with colleagues on Facebook, Twitter, and LinkedIn. Master the new data model. Use PowerPivot to work with millions of rows of data. Make calculations. Review financial data, use math and scientific formulas, and perform statistical analyses.