

hundreds of questions, a practice exam, electronic flashcards, and a glossary of key terms. This book will help you master the following topics covered in the AZ-900 certification exam: Cloud concepts Cloud types (Public, Private, Hybrid) Azure service types (IaaS, SaaS, PaaS) Core Azure services Security, compliance, privacy, and trust Azure pricing levels Legacy and modern lifecycles Growth in the cloud market continues to be very strong, and Microsoft is poised to see rapid and sustained growth in its cloud share. Written by a long-time Microsoft insider who helps customers move their workloads to and manage them in Azure on a daily basis, this book will help you break into the growing Azure space to take advantage of cloud technologies.

Mastering System Center Data Protection Manager 2007 R2 2022 Simple backups are no longer enough. To fully protect a modern IT infrastructure, you need sophisticated data protection technologies. This comprehensive guide to Microsoft's new System Center Data Protection Manager 2007 (DPM) will help you improve your server security using this robust new software. The book thoroughly explains DPM's unique abilities, and you'll find step-by-step instructions on setting up and deployment. You'll learn how to recover critical data and monitor processes for Exchange Server, SQL Server, SharePoint Server, Microsoft Virtual Server virtual machines, and Windows file servers and workstations.

Microsoft System Center Data Protection for the Hybrid Cloud 2022 Part of a series of specialized guides on System Center, this book helps you optimize your System Center Data Protection Manager environment. It focuses on best practices, design concepts, how-to procedures, and in-depth technical troubleshooting.

Mastering Hyper-V Deployment 2020 The only book to take an in-depth look at deploying Hyper-V Now in its second generation, the popular Hyper-V boasts technical advances that create even more dynamic systems than ever before. This unique resource serves an authoritative guide to deploying Windows Server 2008 R2 Hyper-V comprehensively. Step-by-step instructions demonstrate how to design a Hyper-V deployment, build a Hyper-V host environment, and design a management system with System Center Virtual Machine Manager 2008 R2. Features real-world examples that show you how to design a Hyper-V deployment, build a Hyper-V host environment, and design a management system Walks you through incorporating System Center Operations Manager 2008 R2 System Center Data Protection Manager 2010, and System Center Essentials 2010 Offers authoritative coverage of Hyper-V security, business continuity, and an array of VM roles, including domain controllers, Exchange Server, SQL Server, and System Center This in-depth guide is the ultimate resource for system administrators, engineers, and architects, and IT consultants deploying Hyper-V.

Configuring and Deploying a Private Cloud 2019 Prepare for Microsoft Exam 70-247-and help demonstrate your real-world mastery configuring and deploying a private cloud using Microsoft System Center 2012 R2. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: Design and deploy System Center Configure System Center infrastructure Configure the fabric Configure System Center integration Configure and deploy virtual machines and services This Microsoft Exam Ref : Organizes its coverage by objectives for Exam 70-247 Features strategic, what-if scenarios to challenge you Requires experience with Windows Server, System Center 2012, security, high availability, fault tolerance, and networking in an enterprise environment, and basic skills with SQL Server, Windows PowerShell, and application configuration.

Making Government Work 04 2020 Assesses the use of computer and telecommunications technologies in the electronic delivery of governmental services. Photos, charts and tables.

Digital Data Integrity Feb 10 2021 How to plan your future strategy for efficient, cost-saving data management Businesses have historically treated data protection as an afterthought, as simply making an occasional copy of data that could be used in the future. Today, this attitude is changing rapidly. The ever-increasing amount of data, along with the emphasis on continuous availability, necessitates changes in the approach to data integrity, which results in management and protection becoming much more closely aligned. Digital Data Integrity throws light on the data integrity landscape of the future. It provides the reader with a broad overview of the historical methods and subsequent evolution of data protection. The text shows how the whole subject of data integrity is changing and describes and positions many of the new, enhanced, more intelligent protection technologies and methods. Digital Data Integrity: Takes a unique, forward look at data protection and management, highlighting the paradigm shift from simple backup and recovery to total data management. Details recent developments in compliance regulations in an accessible manner. Covers enhanced protection technologies such as advanced intelligent synthetic backups, data reduction methods, and data growth - online protection using continuous data protection. Explains data life cycle management and data storage, using management, quality of service products and tools to achieve better data management, intelligent allocation of storage, and compliance with regulations. Contains information on quality control, looking at SLA (Service Level Agreements), protection by business unit and billing/charge back. Unique insight into hot topics such as next generation backup, metal recovery and true system provisioning. This invaluable text will provide system administrators, and database administrators, as well as senior IT managers and decision makers with a thorough understanding of data management and protection. With contributions from Ray Schafer and Paul Mayer.

Research Handbook on EU Data Protection Law Nov 21 2021 Bringing together leading European scholars, this thought-provoking Research Handbook provides a state-of-the-art overview of the scope of research and current thinking in the area of European data protection. Offering critical insights on prominent strands of research, it examines key challenges and potential solutions in the field. Chapters explore the fundamental right to personal data protection, government-to-business data sharing, data protection as performance-based regulation, privacy and marketing in data-driven business models, data protection and judicial automation, and the role of consent in an algorithmic society.

Microsoft Azure Infrastructure Services for Architects Oct 24 2019 An expert guide for IT administrators needing to create and manage a public cloud and virtual network using Microsoft Azure With Microsoft Azure challenging Amazon Web Services (AWS) for market share, there has been no better time for IT professionals to broaden and expand their knowledge of Microsoft's flagship virtualization and cloud computing service. Microsoft Azure Infrastructure Services for Architects: Designing Cloud Solutions helps readers develop the skills required to understand the capabilities of Microsoft Azure for Infrastructure Services and implement a public cloud to achieve full virtualization of data, both on and off premise. Microsoft Azure provides granular control in choosing core infrastructure components enabling IT administrators to deploy new Windows Server and Linux virtual machines, adjust usage as requirements change, and scale to meet the infrastructure needs of their entire organization. This accurate, authoritative book covers topics including IaaS cost and options, customizing VM storage, enabling external connectivity to Azure virtual machines, extending Azure Active Directory, replicating and backing up to Azure, disaster recovery, and much more. New users and experienced professionals alike will: Get expert guidance on understanding, evaluating, deploying, and maintaining Microsoft Azure environments from Microsoft MVP and technical specialist John Savill Develop the skills to set up cloud-based virtual machines, deploy web servers, configure hosted data stores, and use other key Azure technologies Understand how to design and implement serverless and hybrid solutions Learn to use enterprise security guidelines for Azure deployment Offering the most up to date information and practical advice, Microsoft Azure Infrastructure Services for Architects: Designing Cloud Solutions is an essential resource for IT administrators, consultants and engineers responsible for learning, designing, implementing, managing, and maintaining Microsoft virtualization and cloud technologies.

Microsoft System Center Orchestrator 2012 R2 Essentials Aug 04 2020 Design, implement, and improve your infrastructure administration with System Center Orchestrator 2012 R2's automation process About This Book Learn about the components of Orchestrator, the design and implementation process, and the way it interacts with your environment to create outstanding automation processes Gain an in-depth understanding of Runbooks, while exploring its security and troubleshooting aspects Follow this step-by-step guide at your own pace and get yourself in the frontline of the Orchestrator world Who This Book Is For This is targeted for those who want to gain time in their administrative tasks and profit from it to improve also their environment by reaching a more autonomous infrastructure. Experience with other System Center family products as well as Active Directory and other core datacentre components would be useful to help understand and execute the information given in this book. What You Will Learn Plan, assess, design, and implement Orchestrator 2012 R2 in a corporate environment Master the Runbook Designer and discover all about the Runbook creation process Import and integrate more technologies through new imported functionalities and learn what they bring to your environment Extend your possibilities and interaction with your environment while you get a hand of the best practices for this system Implement high-availability, security, backup, and recovery procedures and fine-tuning of the platform Familiarize yourself with the Runbook design and its implementation with an insight into the methodology for a more dynamic Datacenter In Detail With the increasing complexity of systems our infrastructure designs, administrating these systems has become more complex and repetitive. This ultimately translates into an inefficient environment and loss of time. System Center Orchestrator 2012 R2 is the tool that can help you regain that time again, by simplifying repetitive tasks (or complex ones) into a simple one that will require minimum intervention from you, or even none. This technology will drive you one step forward towards a more dynamic infrastructure and can also be used to make a customized Private Cloud environment setup. Starting off with the fundamentals of Orchestrator, this book helps you to learn the configuration and deployment of the Orchestrator 2012 R2 in a corporate environment to successfully deploy and mitigate real-life issues that you might encounter. You'll learn the most used part of Orchestrator, the Runbook Designer, with all its components and mechanisms to help you efficiently design and implement your

Runbooks from top to bottom. Additionally, you will also get familiarized with configuring key Integration Packs available for Orchestrator to extend its functionality and enhance the automation solution. Furthermore, you will explore the possibilities of extending and integrating Orchestrator with other parties and learn to solve core infrastructure administrative tasks that can save time and effort when automated with Orchestrator. You finally round off by gaining insights on the maintenance aspects of Orchestrator, while simultaneously covering the troubleshooting, backup, and recovery features. Style and approach Written in a step-by-step guide format, the chapters are organized in a sequence of what you need to know first to move on to the next component. Each chapter contains a broad explanation of what we are working on at that moment and the tips provided are based on real-world experience.

Exam 70-414 Implementing an Advanced Server Infrastructure August 26 2019 This Microsoft Official Academic Course (MOAC) IT Professional curriculum prepares certification students for success every step of the way. This 70-414 Implementing an Advanced Server Infrastructure exam course is the second of a series of exams Microsoft Certified Solutions Associates (MCSE) candidates are required to pass to gain the MCSE: Windows Server 2012 and Windows Server 2012 R2 certification. These MCSE exams test the skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly virtualized environment. Passing these exams confirms students' ability to plan, configure, and implement the Windows Server 2012 services, such as server deployment, server virtualization, and network access and infrastructure. This complete ready-to-teach MOAC program is mapped to all the exam objectives.

Moldova Immigration Policy, Laws and Regulations Handbook Volume 1 Strategic Information and Regulations November 2020 Moldova Immigration Policy, Laws and Regulations Handbook Volume 1 Strategic Information and Regulations Cloud Computing September 27 2019

Cloud Computing Security September 07 2020 This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues. As more organizations use cloud computing and cloud providers for data operations, the need for proper security in these and other potentially vulnerable areas has become a global priority for organizations of all sizes. Research efforts from academia and industry as conducted and reported by experts in all aspects of security related to cloud computing are gathered within one reference guide. Features • Covers patching and configuration vulnerabilities of a cloud server • Evaluates methods for data encryption and long-term storage in a cloud server • Demonstrates how to verify identity using a certificate chain and how to detect inappropriate changes to data or system configurations John R. Vacca is an information technology consultant and internationally known author of more than 600 articles in the areas of advanced storage, computer security, and aerospace technology. John was also a configuration management specialist, computer specialist, and the computer security official (CSO) for NASA's space station program (Freedom) and the International Space Station Program from 1988 until his 1995 retirement from NASA.

Windows Server 2008 Hyper-V Resource Kit 09 2020 In-depth and comprehensive, this official RESOURCE KIT delivers the information you need to plan, implement, and manage a virtualized enterprise infrastructure. Covers R2 features. You get authoritative technical guidance from those who know the technology best—leading industry experts and the Windows Virtualization Team—along with sample scripts, job aids, and other essential resources. Get expert advice on how to: Manage the project visioning phase—scope, risks, budget Design Hyper-V server infrastructure and components Apply the steps and tools that streamline installation Configure single or multiple Hyper-V servers Plan a server workload consolidation strategy Use console-based tools to manage central and remote operations Minimize downtime when migrating from Microsoft Virtual Server to Hyper-V Apply security best practices Implement business continuity and recovery plans Monitor health and tune performance CD features: Library of Windows PowerShell scripts for automating Hyper-V management tasks Understanding Microsoft Virtualization Solutions From Desktop to Datacenter eBook Job aids and links to useful virtualization-related resources and tools Fully searchable eBook of this guide A Note Regarding the CD or DVD For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Privacy Program Management, Second Edition November 29 2019

Reinventing Data Protection December 23 2021 data. Furthermore, the European Union established clear basic principles for the collection, storage and use of personal data by governments, businesses and other organizations or individuals in Directive 95/46/EC and Directive 2002/58/EC on Privacy and Electronic communications. Nonetheless, the twenty-first century citizen – utilizing the full potential of what ICT-technology has to offer – seems to develop a digital persona that becomes increasingly part of his individual social identity. From this perspective, control over personal information is control over an aspect of the identity projects in the world. The right to privacy is the freedom from unreasonable constraints on one's own identity.

Transaction data—both traffic and location data—deserve our particular attention. As we make phone calls, send e-mails or SMS messages, data trails are generated within public networks that we use for these communications. While traffic data are necessary for the provision of communication services, they are also very sensitive data. They can give a complete picture of a person's contacts, habits, interests, activities and whereabouts. Location data, especially if very precise, can be used for the provision of services such as route guidance, location of stolen or missing property, tourist information, etc. In case of emergency, they can be helpful in dispatching assistance and rescue teams to the location of a person in distress. However, processing location data in mobile communication networks also creates the possibility of permanent surveillance.

Modern Data Protection January 16 2021 Give your organization the data protection it deserves without the uncertainty and cost overruns experienced by your predecessors or other companies. System and network administrators have their work cut out for them to protect physical and virtual machines in the data center and the cloud; mobile devices including laptops and tablets; SaaS services like Microsoft 365, Google Workspace, and Salesforce; and persistent data created by Kubernetes and container workloads. To help you navigate the breadth and depth of this challenge, this book presents several solutions so you can determine which is right for your company. You'll learn the unique requirements that each workload presents, then explore various categories of commercial backup hardware, software, and services available to protect these data sources, including the advantages and disadvantages of each approach. Learn the workload types that your organization should be backing up Explore the hardware, software, and services you can use to back up your systems Understand what's wrong with your current data protection system Pair your backed-up workloads to the appropriate backup system Learn the adjustments that will make your backups better, without wasting money

Data Protection Around the World May 28 2022 This book provides a snapshot of privacy laws and practices from a varied set of jurisdictions in order to offer guidance on national and international contemporary issues regarding the processing of personal data and serves as an up-to-date resource on the applications and practice-relevant examples of data protection laws in different countries. Privacy violations emerging at an ever-increasing rate, due to evolving technology and new lifestyles linked to an intensified online presence of ever more individuals, required the design of a novel data protection and privacy regulation. The EU General Data Protection Regulation (GDPR) stands as an example of a regulatory response to these demands. The authors included in this book offer an in-depth analysis of the national data protection legislation of various countries across different continents, not only including country-specific details but also comparing idiosyncratic characteristics of these national privacy laws to the GDPR. Valuable comparative information on data protection regulations around the world is thus provided in one concise volume. Due to the variety of jurisdictions covered and the practical examples focused on, both academics and legal practitioners will find this book especially useful, while for compliance practitioners it can serve as a guide regarding transnational data transfers. Elif Kiesow Cortez is Senior Lecturer of the International and European Law Program at The Hague University of Applied Sciences in The Netherlands.

Network World March 02 2020 For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Handbook on Data Centers January 12 2021 This handbook offers a comprehensive review of the state-of-the-art research achievements in the field of data centers. Contributions from international, leading researchers and scholars offer topics in cloud computing, virtualization in data centers, energy efficient data centers, a next generation data center architecture. It also comprises current research trends in emerging areas, such as data security, data protection management, and network resource management in data centers. Specific attention is devoted to industry needs associated with the challenges faced by data centers, such as various power, cooling, floor space, and associated environmental health and safety issues, while still working to support growth without disrupting quality of service. The contributions cut across various IT data technology domains as a single source to discuss the interdependencies that need to be supported to enable a virtualized, next-generation, energy efficient, economical, and environmentally friendly data center. This book appeals to a broad spectrum of readers, including server, storage, networking, database, and applications analysts, administrators, and architects. It is intended for those seeking to gain a stronger grasp on data center networks: the fundamental protocol used by the applications and the network, the typical network technologies, and their design aspects. The Handbook on Data Centers is a leading reference on design and implementation for planning, implementing, and operating data center networks.

Deep Diving into Data Protection Apr 14 2021 This book celebrates the 40th anniversary of the creation of the CRID and the 10th anniversary of its successor, the CRIDS. It gathers twenty-one very high quality contributions on extremely interesting and topical aspects of data protection. The authors come from Europe as well as from the United States of America and Canada. Their contributions have been grouped as follows: 1° ICT Governance; 2° Commodification & Competition; 3° Secret surveillance; 4° Whistleblowing; 5° Social Medias, Web Archiving & Journalism; 6° Automated individual decision-making; 7° Data Security; 8° Privacy by design; 9° Health, AI, Scientific Research & Post-Mortem Privacy. This book is intended for all academics, researchers, students and practitioners who have an interest in privacy and data protection.

Microsoft System Center 2012 Unleashed Dec 21 2011 This is the definitive real-world guide to Microsoft System Center 2012, Microsoft's newest and most powerful version of System Center. Authored by consultants who've deployed System Center in hundreds of enterprises and innovative smaller businesses, this book brings together up-to-the-minute tips, tricks, and techniques you just won't find anywhere else. You'll learn how to use System Center's powerful capabilities to build highly-efficient managed environments that encompass datacenters, cloud environments, client computers, mobile devices, and more. The authors address planning, design, implementation, integration, and administration, and cover every component, including Configuration Manager, Operations Manager, Data Protection Manager, Virtual Machine Manager, Service Manager, and Orchestrator. Use Configuration Manager 2012 to deliver software and updates in highly-distributed environments including datacenters, clouds, and mobile devices Reliably manage and report on assets with Configuration Manager 2012 Perform monitoring, alerting, operations, and security reporting with Operations Manager 2012 Use Data Protection Manager 2012 to protect file systems, SQL, Microsoft Exchange, and SharePoint Leverage Data Protection Manager 2012's improved central monitoring and remote recovery Run Hyper-V virtualized environments with VMM 2012—including new private clouds and mixed private/public fabrics Use Service Manager 2012 to provide top-down integration, and use Orchestrator 2012 for bottom-up process automation and integration "glue" Give users an efficient self-service portal for creating service and incident requests and browsing service catalogs Manage service offerings and implement enterprise-wide change control with Service Manager 2012 Ensure compliance by creating, executing, and repeating auditable, documented processes with Orchestrator 2012

Windows Server 2008 R2 Secrets Dec 11 2010 Unbeatable advice and expert tips for administering, upgrading or migrating to Windows Server 2008 R2 If you're a Windows Server 2008 system administrator, this is a reference you'll want to keep on hand. Written by a Microsoft MVP who has multiple MCITP certifications and bestselling author, this book gives you invaluable tips and unbeatable advice for deploying and managing Windows Server 2008 R2. Covering all aspects of the operating system in an easy-to-follow, easy-access format, the book reveals helpful and advanced secrets on configuring Windows roles like DirectAccess, BranchCache, Active Directory maintenance, setting up remote access, and much more. Written by Microsoft Certified Information Technology Professional (MCITP) and bestselling author Orin Thomas, who is a well-known expert in the Windows space and a Microsoft MVP Provides practical advice and expert insight on upgrading, migrating to, or deploying the Windows Server 2008 R2 operating system Covers Active Directory deployment, maintenance, network infrastructure, security, shared folders, data protection, and secrets for monitoring Features personalized notations, interior elements, highlighted areas, and other ways to help you quickly spot scenarios and solutions Windows Server 2008 R2 Secrets is like having your own, built-in Windows Server 2008 R2 expert on hand, who can help you avoid mistakes and save time!

EU Personal Data Protection in Policy and Practice Sep 19 2021 In this book, the protection of personal data is compared for eight EU member states, namely France, Germany, the United Kingdom, Ireland, Romania, Italy, Sweden and the Netherlands. The comparison of the countries is focused on government policies for the protection of personal data, the applicable laws and regulations, implementation of those laws and regulations, and supervision and enforcement. Although the General Data Protection Regulation (GDPR) harmonizes the protection of personal data across the EU as of May 2018, its open norms in combination with cultural differences between countries result in differences in the practical implementation, interpretation and enforcement of personal data protection. With a focus on data protection law in practice, this book provides in-depth insights into how different countries deal with data protection issues. The knowledge and best practices from these countries provide highly relevant material for legal professionals, data protection officers, policymakers, data protection authorities and academics across Europe. Bart Custers is Associate Professor and Director of Research at the Center for Law and Digital Technologies of the Leiden Law School at Leiden University, the Netherlands. Alan M. Sears, Francien Dechesne, Iliana Georgieva and Tommaso Tanzi are all affiliated to that same organization, of which Professor Simone van der Hof is the General Director.

World Internet Development Report 2018 Oct 28 2019 This book is an important outcome of the Fifth World Internet Conference. It provides a comprehensive account of the new trends and highlights of global Internet development over the past year, covering network infrastructure, information technology, digital economy, world internet media, cyber security, and international cyberspace governance. This year, the book improves the Global Internet Development Index System and adds more countries into the assessed list, in order to reflect more comprehensively, objectively and accurately the general situation of the world Internet development and thus to provide reference for all countries in promoting Internet development and governance.

Microsoft System Center Data Protection Manager Cookbook Nov 02 2022 Over 60 recipes to achieve a robust and advanced backup and recovery solution leveraging SCDPM Key Features Adapt to the modern data center design challenges and improve storage efficiency Effective recipes to help you create your own robust architectural designs Solve data protection and recovery problems in your organization Book Description System Center Data Protection Manager (SCDPM) is a robust enterprise backup and recovery system that contributes to your BCDR strategy by facilitating the backup and recovery of enterprise data. With an increase in data recovery and protection problems faced in organizations, it has become important to keep data safe and recoverable. This book contains recipes that will help you upgrade to SCDPM and it covers the advanced features and functionality of SCDPM. This book starts by helping you install SCDPM and then moves on to post-installation and management tasks. You will come across a lot of useful recipes that will help you recover your VMware and Hyper-V VMs. It will also walk you through tips for monitoring SCDPM in different scenarios. Next, the book will also offer insights into protecting windows workloads followed by best practices on SCDPM. You will also learn to back up your Azure Stack Infrastructure using Azure Backup. You will also learn about recovering data from backup and implementing disaster recovery. Finally, the book will show you how to configure the protection groups to enable online protection and troubleshoot Microsoft Azure Backup Agent. What you will learn Install and prepare SQL Server for the SCDPM database Reduce backup storage with SCDPM and data deduplication Learn about the prerequisites for supported Hyper-V Server protection Integrate SCDPM with other System Center products to build optimal services Protect and restore the SCDPM database Protect your data center by integrating SCDPM with Azure Backup Manually create online recovery points and recover production data from Azure Protect and learn about the requirements to recover Azure Stack with SCDPM Who this book is for If you are an SCDPM administrator, this book will help you verify your knowledge and provide you with everything you need to know about the new release of System Center Data Protection Manager.

Data Center Handbook Mar 14 2021 Provides the fundamentals, technologies, and best practices in designing, constructing and managing mission critical, energy efficient data centers Organizations in need of high-speed connectivity and nonstop systems operations depend upon data centers for a range of deployment solutions. A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes multiple power sources, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression) and security devices. With contributions from an international list of experts, The Data Center Handbook instructs readers to: Prepare strategic plan that includes location planning, site selection, roadmap and capacity planning Design and build "green" data centers, with mission critical and energy-efficient infrastructure Apply best practices to reduce energy consumption and carbon emissions Apply IT technologies such as cloud and virtualization Manage data centers in order to sustain operations with minimum costs Prepare and practice disaster recovery and business continuity plan The book imparts essential knowledge needed to implement data center design and construction, apply IT technologies, and continually improve data center operations.

EU Competition Law, Data Protection and Online Platforms: Data as Essential Facility Feb 12 2022 All are agreed that the digital economy contributes to a dynamic evolution of markets and competition. Nonetheless, concerns are increasingly raised about the market dominance of a few key players. Because these companies hold the power to drive rivals out of business, regulators have begun to seek scope for competition enforcement in cases where companies claim that withholding data is needed to satisfy customers and cut costs. This book is the first focus on how competition law enforcement tools can be applied to refusal by dominant firms to give access data on online platforms such as search engines, social networks, and e-commerce platforms – commonly referred to as the 'gatekeepers' of the Internet. The question arises whether the denial of a dominant firm to grant competitors access to its data could constitute a 'refusal to deal' and lead to competition law liability under the so-called 'essential facilities doctrine', according to which firms need access to shared knowledge in order to be able to compete. A possible duty to share data with rivals also brings to the forefront the interaction of competition law with data protection legislation considering the required information may include personal data of individuals. Building on the refusal to deal concept, and using a multidisciplinary approach, the analysis covers such issues and topics as the following: – data portability; – interoperability; – data as a competitive advantage or entry barrier in digital markets; – market

definition and dominance with respect to data; – disruptive versus sustaining innovation; – role of intellectual property regimes; – economic trade-off in essential facilities cases; – relationship of competition enforcement with data protection law and – data-related competition concerns in merger cases. The author draws on a wealth of relevant material, including EU and US decision-making practice, case law, and policy documents, as well as economic and empirical literature on the link between competition and innovation. The book concludes with a proposed framework for the application of the essential facilities doctrine to potential forms of abuse of dominance relating to data. In addition, it makes suggestions as to how data protection interests can be integrated into competition policy. An invaluable contribution to ongoing academic and policy discussions about how data-related competition concerns should be addressed under competition law, the analysis clearly demonstrates how existing competition tools for market definition and assessment of dominance can be applied to online platforms. It will be of immeasurable value to the many jurists, business persons, and academics concerned with this very timely subject.

Microsoft System Center Data Protection Manager Cookbook 2012

Springer Handbook of Automation Dec 31 2019 This handbook incorporates new developments in automation. It also presents a widespread and well-structured conglomeration of new emerging application areas, such as medical systems and health, transportation, security and maintenance, service, construction and retail, as well as production or logistics. The handbook is not only an ideal resource for automation experts but also for people new to this expanding field.

Protecting privacy in computerized medical information Feb 6 2020

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