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FW0EY5 - TALIAH KAITLYN

This book is an excellent choice for any person working in the field of IT or studying for an IT or IT related degree. This book will guide you through all available choices of computer jobs, computer certifications and guide you through the interviewing process. For companies employing IT professionals, this book will provide them with a guide for the different computer jobs descriptions and what professional certifications are required from their employees. This book is the first of its kind to present detailed and valuable information about IT jobs and their corresponding certifications. We believe that all IT professionals, employment agencies and companies offering IT jobs would benefit from this book.

Book + Content Update Program This is the most comprehensive and realistic guide to Windows Server 2016 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2016's key innovations, from the cloud and containers to security and mobility. Windows Server 2016 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2016 in large-scale environments since its earliest alpha releases. Microsoft MVP Rand Morimoto and colleagues fully address all aspects of deploying and operating Windows Server 2016, including Active Directory, networking, application services, security, administration, business continuity,

virtualization, optimization, and troubleshooting. You'll find up-to-the-minute coverage of new features ranging from Storage Spaces Direct to Cluster-Aware Updating, and Dynamic Access Control to Nano Server. Valuable for Windows pros at all levels, this book will be indispensable especially for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments—practical help for solving real problems. Detailed information on how to: Take full advantage of key Windows Server 2016 innovations Plan, prototype, install, migrate to, and deploy Windows Server 2016 and Server Core Design a modern Windows Server Active Directory, from OUs and infrastructure to Federated Forests and Lightweight Directories Deliver reliable networking services: DNS, WINS, DNSSEC, DHCP, IPv, IPAM, and IIS Systematically harden server-level security Protect data in transit with PKI, certificates, rights management, and IPsec encryption Safely provide appropriate remote and mobile access for your users Efficiently administer, automate, maintain, and document Windows Server production environments Control Windows devices centrally with Group Policies and Policy Management Implement advanced fault tolerance, clustering, and other business continuity features Optimize, tune, and debug Windows Server, and plan for growth Leverage integrated application services, including SharePoint and Hyper-V In addition, this book is part of InformIT's Content Update Program, which provides content updates for major technology improvements! As significant updates are made to Windows Server 2016, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will

be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection. To learn more, visit informit.com/cup. How to access the Web Edition: Follow the instructions in the book to learn how to register your book to access the FREE Web Edition.

A guide to using Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

In the last ten years IT has brought fundamental changes to the way the world works. Not only has it increased the speed of operations and communications, but it has also undermined basic assumptions of traditional business models and increased the number of variables. Today, the survival of major corporations is challenged by a world-wide marketplace, international operations, outsourcing, global communities, a changing workforce, security threats, business continuity, web visibility, and customer expectations. Enterprises must constantly adapt or they will be unable to compete. Fred Cummins, an EDS Fellow, presents IT as a key enabler of the agile enterprise. He demonstrates how the convergence of key technologies—including SOA, BPM and emerging enterprise and data models—can be harnessed to transform the enterprise. Cummins mines his 25 years experience to provide IT leaders, as well as enterprise architects and management consultants, with the critical information, skills, and insights they need to partner with management and redesign the enterprise for continuous change. No other book puts IT at the center of this transformation, nor integrates these technologies for this purpose. Shows how to integrate and deploy critical technologies to foster agility Details how to design an enterprise architecture that takes full advantage of SOA, BPM, business rules, enterprise informa-

tion management, business models, and governance Outlines IT's critical mission in providing an integration infrastructure and key services, while optimizing technology adoption throughout the enterprise Illustrates concepts with examples and cases from large and small commercial enterprises Shows how to create systems that recognize and respond to the need for change Identifies the unique security issues that arise with SOA and shows how to deploy a framework of technologies and processes that address them

Create effective scalable solutions with BizTalk Server 2010 using this e-book.

Business activity monitoring, or BAM, provides real-time business intelligence by capturing data as it flows through a business system. By using BAM, you can monitor a business process in real time and generate alerts when the process needs human intervention. Pro Business Activity Monitoring in BizTalk 2009 focuses on Microsoft's BAM tools, which provide a flexible infrastructure that captures data from Windows Communication Foundation, Windows Workflow Foundation, .NET applications, and BizTalk Server. This book shows why BAM is an important component of any business intelligence strategy because it bridges the gap between business intelligence and business process management. Part One of the book covers the basics of BAM. It teaches you how to install BAM, and then it leads you through a complete but simple project to capture data from a WCF service Part Two of the book describes the BAM tool set. It shows you how to define the data that is captured by BAM, wire up a BizTalk application for BAM, and view BAM data using the BAM Portal Part Three of the

book focuses on monitoring applications written in WCF or WF. It also shows you how to use the BAM API Part Four of the book covers advanced topics in BAM. These topics include integrating BAM with Microsoft's BI stack, creating relationships between BAM activities, managing BAM servers, and monitoring BizTalk applications using BAM This book contains numerous exercises to help you learn BAM. Source code for the samples is available from Apress.com. For many CIOs, business intelligence is at the top of their priority lists. Learn why with Pro Business Activity Monitoring in BizTalk 2009.

This is the most comprehensive and realistic guide to Windows Server 2012 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2012's key innovations, including improved virtualization components, enhanced security tools, new web and management resources, and Windows 8 integration. Windows Server 2012 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2012 in large-scale environments since its earliest alpha releases, reaching back more than two years prior to its official launch. Microsoft MVP Rand Morimoto and his colleagues fully address every aspect of deploying and operating Windows Server 2012, including Active Directory, networking and core application services, security, migration from Windows Server 2003/2008, administration, fault tolerance, optimization, troubleshooting, and much more. Valuable for Windows professionals at all skill levels, this book will be especially indispensable for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best

practices, and lessons learned from actual deployments: practical information for using Windows Server 2012 to solve real business problems. Plan and migrate from Windows Server 2003 and 2008 Leverage powerful capabilities that are truly new in Windows Server 2012 Install Windows Server 2012 and the GUI-less Windows Server Core Upgrade to Windows Server 2012 Active Directory Utilize advanced AD capabilities including federated forests and identity management Plan and deploy network services, from DNS and DHCP to IPv6, IPAM, and IIS Protect systems and data with server-level security, transport-level security, and security policies Deliver true end-to-end secured anytime/anywhere access to remote/mobile clients Efficiently configure and manage users, sites, OUs, domains, and forests through Server Manager console Create more fault-tolerant environments with DFS, clustering, and Network Load Balancing Leverage major Hyper-V virtualization improvements in availability, redundancy, and guest support Manage Active Directory more efficiently with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Systematically tune, optimize, debug, and troubleshoot Windows Server 2012

A practical guide to integrating Line of Business systems with BizTalk Server 2010.

This book is a hands-on certification guide with practical examples and Q&As to help BizTalk developers pass the Microsoft BizTalk Server 2010 (70-595) exam. If you are an intermediate level BizTalk developer who wants to pass the Microsoft BizTalk Server 2010 (70-595) exam, then this book is for you. A working knowledge of fundamental BizTalk concepts around the core mes-

saging engine and building business processes using orchestrations is assumed but not required. In addition, core knowledge of Windows Communication Foundation (WCF) and basic understanding of Electronic Data Interchange (EDI) is recommended.

SharePoint is gaining recognition as a full-fledged application server with many features and enhancements that specifically allow non-developers to create sophisticated intranet sites. However, with the 2010 release, Microsoft's SharePoint increasingly becomes a compelling development platform. The strong application programming interface (API), its highly extensible nature, and its foundation on the underlying .NET Framework all generate "the perfect storm" to make it one of the most powerful web development platforms available. However, with power comes complexity. The wide range of usage scenarios make it difficult for developers to grasp the full ability of this next-generation platform. This book takes an in-depth, all-encompassing approach to programming concepts, the extensibility interfaces, and how to embrace SharePoint as a toolkit full of features available to web developers. Take an in-depth look into the internals of SharePoint. Create sophisticated applications using SharePoint controls and databases. Understand the API and use in conjunction with ASP.NET to extend SharePoint. SharePoint is more than a portal and more than an intranet. Harness its capabilities and put it to work for you.

A comprehensive guide to becoming a skilled Azure DevOps engineer Key Features Explore a step-by-step approach to designing and creating a successful DevOps environment Understand how to implement continuous integration and continuous deployment pipelines on Azure Integrate and implement security, compliance,

containers, and databases in your DevOps strategies. Book Description Implementing Azure DevOps Solutions helps DevOps engineers and administrators to leverage Azure DevOps Services to master practices such as continuous integration and continuous delivery (CI/CD), containerization, and zero downtime deployments. This book starts with the basics of continuous integration, continuous delivery, and automated deployments. You will then learn how to apply configuration management and Infrastructure as Code (IaC) along with managing databases in DevOps scenarios. Next, you will delve into fitting security and compliance with DevOps. As you advance, you will explore how to instrument applications, and gather metrics to understand application usage and user behavior. The latter part of this book will help you implement a container build strategy and manage Azure Kubernetes Services. Lastly, you will understand how to create your own Azure DevOps organization, along with covering quick tips and tricks to confidently apply effective DevOps practices. By the end of this book, you'll have gained the knowledge you need to ensure seamless application deployments and business continuity. What you will learn: Get acquainted with Azure DevOps Services and DevOps practices; Implement CI/CD processes; Build and deploy a CI/CD pipeline with automated testing on Azure; Integrate security and compliance in pipelines; Understand and implement Azure Container Services; Become well versed in closing the loop from production back to development; Who this book is for: This DevOps book is for software developers and operations specialists interested in implementing DevOps practices for the Azure cloud. Application developers and IT professionals with some experience in software development and development practices will also find

this book useful. Some familiarity with Azure DevOps basics is an added advantage.

Over 60 recipes to install, configure, and manage your IIS 10.0 About This Book Provide a secure, easy-to-manage extensible platform for hosting your websites Leverage IIS 10.0 in order to deploy web site in seconds Integrate Windows and Nano Server 2016 and automate it with PowerShell Recipes to Manage and monitor your IIS 10.0 Who This Book Is For If you are an administrator or web developer with a basic (or no) knowledge of Microsoft IIS and want to set up your own web server, then this is the book for you. What You Will Learn Integrate IIS 10.0 on Windows server 2016 Host multiple websites and Wildcard Host on IIS 10.0 Deploy and administrate IIS 10.0 on Nano Server. IIS administration with Powershell. Manage and troubleshoot IIS 10.0 In Detail This book will start with customizing your IIS 10 to various platforms/OS and tune it according to your business requirements. Moving on, we will focus on the functionalities of core fundamentals and perform practical scenarios in order to maximize the use of a reliable web server. Going further we will be covering topics like IIS 10 architecture, IIS modules, hosting web server platforms, virtual directories along with web site deployment, ports, enhanced security. We will also cover new features of IIS 10 like integration with Windows Server 2016 and Nano Server, HTTP/2, PowerShell 5 cmdlets etc . Towards the end, we will cover troubleshooting & diagnostic techniques of IIS 10. By the end of this book you will be well versed with maximizing the reliability of your webserver and will have immense knowledge in using IIS 10 effectively Style and approach A set of exciting recipes on using Microsoft IIS 10.0 effectively..

Provides information on the architecture of the T-SQL programming language to create scalable code.

This is the Lab Manual to accompany 70-697: Configuring Windows Devices exam. This is a standalone product, access to 70-697: Configuring Windows Devices exam sold separately. Students pursuing a Microsoft Certified Solutions Associate (MCSA) for Windows 10 will need to complete the 70-697: Configuring Windows Devices exam, after finishing the 70-698. This exam provides key enterprise-level training for Windows Information Technology professionals. Exam 70-697 is the second exam required to earn the Windows 10 MCSA credential. Exam 70-697 is recommended as a follow-up to 70-698. This exam validates a candidate's fundamental knowledge and skills for building solid identities, protection of content (data loss protection), mobile device management policy, virtualization with Hyper-V, application management using the Company Portal and the Windows Store. Candidates will be evaluated on Windows 10 security and integrated Azure features. Microsoft Official Academic Course (MOAC) textbooks are designed for instructor-led classroom courses.

From the fundamentals of supply chain to its features and Microsoft NAV ERP suite implementation to use it in different aspect of business function to create your own structure in Microsoft NAV Key Features Assess and overcome various challenges while implementing the Microsoft NAV ERP system in your business Turn an end-to-end structure of your own into Microsoft Dynamics NAV with this practical guide Customize Dynamics NAV to suit the different aspects of a business Book Description This book is a focused tutorial on Microsoft Dynamics NAV application development to help you develop complete applications and not just ap-

plication outlines. This hands-on guide starts off by introducing the supply chain that you will be using throughout the book. You will then implement the Microsoft Dynamics NAV ERP suite and learn to set it up and customize it for various industries. You will learn how to customize Dynamics NAV to suit the different aspects of a business such as financial management, relationship management, production, jobs, trade, storage, logistics, and so on. The book will take you through these Microsoft-designed application features and show you how to customize and extend them safely. Therefore, by the end of this book, you will be able to create a structure of your own in Microsoft Dynamics NAV. What you will learn Set up and customize the Dynamics NAV ERP suite for various industries Study dozens of design patterns used in standard applications Customize Microsoft's application features and extend them safely Use blueprints, design patterns, and application objects for Equipment Reservations and Transport Management Master the fundamentals of application design and learn about B2B and B2C interfacing Design applications that strike a balance between total cost of ownership and functionality Extend your core applications using interfaces with flat file, CSV, XML-Ports, ADO, EDIFACT, and web services Who this book is for If you are a NAV consultant and developer or a designer of business applications, you will benefit most from this book. This book assumes that you have a basic understanding of business management systems and application development with working knowledge of Microsoft Dynamics NAV.

Your hands-on guide to Windows PowerShell scripting fundamentals Expand your expertise--and teach yourself the fundamentals of Windows PowerShell scripting, including features available in

Windows PowerShell 5. If you are an IT professional, power user, or consultant, you'll get the guidance, exercises, and code you need to master core techniques for automating Windows setup, deployment, and management. Discover how to: Run cmdlets and command-line utilities Administer Windows-based servers and desktops with built-in cmdlets Use providers to access external information Write and run scripts from the Windows ISE Create functions that are easy to maintain Build standardized environments with profiles Automate Windows systems with WMI, CIM cmdlets, and remoting Automate Active Directory Domain Services (AD DS) Debug scripts and handle errors Run commands that survive interruptions Use Desired State Configuration (DSC) to manage software services and their environments Get powerful new modules from PowerShell Gallery About You This book is for: IT professionals and power users who want to get productive with Windows PowerShell, including new features in Windows PowerShell 5 Windows system administrators who want to be more efficient and productive Anyone pursuing Windows PowerShell certifications No experience with Windows PowerShell or other scripting technologies necessary

MCTS Exam Cram Windows Server 2008 Applications Infrastructure, Configuring Exam 70-643 Patrick Regan Covers the critical information you'll need to know to score higher on Exam 70-643! Administer Windows Server 2008 and Core Server using the Control Panel, Computer Management Console, Server Management Console, and other system tools Install roles and features in Windows Server 2008 Use Windows Deployment Services to centrally manage the entire deployment process in any Windows environ-

ment Implement secure, reliable infrastructure for deploying websites and services Efficiently configure and manage disks, volumes, partitions, and server clusters Ensure high availability in production environments Configure Terminal Services RemoteApp, Gateway, load balancing, resources, licensing, client connections, and server options Configure Windows Media Server and Digital Rights Management to deliver audio and video content Deploy virtual machines using Hyper-V and Microsoft's other virtualization solutions Run Microsoft Windows SharePoint Services to provide effective collaboration WRITTEN BY A LEADING EXPERT: Patrick Regan, MCSE, MCSA, MCITP, MCT, A+, Network+, Server+, Linux+, Security+, CTT+, CCNA, CNE, has been a PC technician and network administrator/ engineer for 13 years. Regan has conducted formal and informal training as an IT administrator at Heald Colleges and a product support engineer for Intel. He has received Heald Colleges' Teacher of the Year award and several awards from Intel. He is currently a senior network engineer at Pacific Coast Companies, where he supports 160 servers and 70 sites. Regan is the author of several books, including MCTS 70-620 Exam Cram: Microsoft Windows Vista, Configuring; IT Essentials: PC Hardware and Software Labs and Study Guide, Third Edition; and Troubleshooting the PC with A+ Preparation, Third Edition.

Presents a guide to the newest version of Microsoft System Center, providing instructions and tips on asset management, security reporting, and data protection within managed environments for data centers and cloud environments.

A hands-on certification guide with practical examples and sample questions and answers to help BizTalk developers pass the Mi-

Microsoft BizTalk Server 2010 (70-595) exam. If you are an intermediate level BizTalk developer who wants to pass the Microsoft BizTalk Server 2010 (70-595) exam, then this book is for you. A working knowledge of fundamental BizTalk concepts around the core messaging engine and building business processes using orchestrations is assumed but not required. In addition, core knowledge of Windows Communication Foundation (WCF) and a basic understanding of Electronic Data Interchange (EDI) is recommended.

The Only Book That's 100% Focused on Maximizing the Business Value of SharePoint 2013 Essential SharePoint® 2013 approaches Microsoft SharePoint 2013 from a strict business value perspective, helping you plan and implement solutions that achieve effective business results. Leading SharePoint experts draw on their unsurpassed experience to provide business-focused guidance on strategy, governance, planning, deployment, and more. You'll find in-depth insights for success with collaboration, knowledge and content management, governance, and user adoption. The authors help you choose features, organize information, define security models, and launch your solution. They present best practices for search, workflow, business intelligence, and integrating information from Office 2013 and beyond. Each chapter includes a section introducing new SharePoint 2013 capabilities, from improved site branding to native iPhone mobile apps. Throughout, the authors identify success factors, intangibles, and "gotchas," helping you reduce risk and time-to-value. Learn how to

- Ask the right questions to craft a plan that maximizes business value
- Efficiently deploy either "green field" solutions or upgrades
- Integrate web, Office, and mobile devices into a comprehensive col-

- laboration solution
- Plan effective governance of content, operations, and applications
- Deliver enterprise content management, integrating documents, data, web content, and rich media
- Use search to help find the right knowledge and people
- Measure and optimize user adoption to increase ROI
- Evaluate the cloud-based SharePoint Online option
- Use social tools to promote deeper user interaction
- Collaborate and communicate with customers, partners, and suppliers
- Quickly create agile solutions with mashups and composites

Whether you're a business leader, IT manager, architect, analyst, developer, or consultant, this book will help you tightly align SharePoint projects with business strategy to deliver outstanding results.

Find all the information you need to manage and maintain Active Directory in *Mastering Active Directory for Windows Server® 2008*, an in-depth guide updated with over 300 pages of new material. Revised to address the new components, enhancements, and capabilities brought by Windows Server 2008 to the directory services, this book covers domain name system design, Active Directory forest and domain design, maintaining organizational units, managing group policy, implementing best practices, and more. Expect high-level coverage of the new version of Microsoft's powerful user authentication and authorization tool, fully updated for Windows Server 2008.

This book will explain step-by-step in each recipe how to, for example, implement a certain orchestration pattern, test a BizTalk artifact, monitor BizTalk with a third party tool, or secure a message. The recipes in this book are easy to understand and follow as the author discusses real-world scenarios. The range of topics

covered in this book will bring out the forward-thinking BizTalk developer in you. The examples are supported by relevant background information for ease of understanding. This book is for professional BizTalk Developers and administrators to take their skills to the next level and explore the numerous capabilities BizTalk has. This book assumes that you have a basic understanding of BizTalk and SOA and BPM concepts.

Microsoft Exchange Server 2013 doesn't just add dozens of new features: It integrates multiple technologies into a common, unified communications system that can add value in many new ways. Now, five leading Exchange Server consultants help you deploy Exchange Server 2013 quickly and smoothly--and then efficiently manage, troubleshoot, and support it for years to come. More than a comprehensive, authoritative reference, Microsoft Exchange Server 2013 Unleashed presents hundreds of helpful tips and tricks based on the authors' unsurpassed early adopter experience with Exchange Server 2013 in real production environments. Carefully and thoroughly, the authors explain what's new and different in Microsoft Exchange 2013 and guide you through architecting, planning, implementing, and transitioning to your new Exchange Server environment. They offer best practices for establishing solid Active Directory, DNS, fabric, virtualization, and PKI security environments to support Exchange; implementing high availability and site resilience; and much more. You'll find expert discussions of security and compliance and uniquely practical and detailed coverage of day-to-day administration, management, maintenance, and optimization. The authors next turn to advanced platform integration, helping you leverage the full benefits of linking Exchange Server, SharePoint, and Unified Mes-

saging. They conclude with a full section on Exchange Server's dramatically improved support for endpoint clients, including Apple, Android, and Microsoft smartphones and tablets. Detailed information on how to... Use proven best practices to install Exchange Server 2013 from scratch or to upgrade from Exchange Server 2007/2010 Integrate Active Directory, DNS, fabric, and virtualization with Exchange Server 2013 Implement certificate-based Public Key Infrastructure (PKI) Plan, deploy, migrate to, and support public folders Protect your users and organization with both policy-based and content-enforced security Design and implement message archiving, retention, and eDiscovery Administer, optimize, and document your Exchange Server 2013 environment Architect all aspects of an integrated, enterprise-level Exchange Server 2013 environment Integrate Exchange Server with SharePoint Site Mailboxes, Enterprise Search, and more Leverage the robust Outlook client for Windows, Mac, Web, tablet, and mobile phones

Few subjects receive as much attention today as computer security requirements to protect company resources. The Internet and Intranets have brought a whole new set of problems and issues. Readers will learn how to secure their Windows NT system by selecting the right NT security tools and add-on devices.

Written for IT and business professionals, this book provides the technical and business insight needed to plan, deploy and manage the services provided by the Microsoft Azure cloud. Find out how to integrate the infrastructure-as-a-service (IaaS) and platform-as-a-service (PaaS) models with your existing business infrastructure while maximizing availability, ensuring continuity and

safety of your data, and keeping costs to a minimum. The book starts with an introduction to Microsoft Azure and how it differs from Office 365—Microsoft's 'other' cloud. You'll also get a useful overview of the services available. Part II then takes you through setting up your Azure account, and gets you up-and-running on some of the core Azure services, including creating web sites and virtual machines, and choosing between fully cloud-based and hybrid storage solutions, depending on your needs. Part III now takes an in-depth look at how to integrate Azure with your existing infrastructure. The authors, Anthony Puca, Mike Manning, Brent Rush, Marshall Copeland and Julian Soh, bring their depth of experience in cloud technology and customer support to guide you through the whole process, through each layer of your infrastructure from networking to operations. High availability and disaster recovery are the topics on everyone's minds when considering a move to the cloud, and this book provides key insights and step-by-step guidance to help you set up and manage your resources correctly to optimize for these scenarios. You'll also get expert advice on migrating your existing VMs to Azure using In-Mage, mail-in and the best 3rd party tools available, helping you ensure continuity of service with minimum disruption to the business. In the book's final chapters, you'll find cutting edge examples of cloud technology in action, from machine learning to business intelligence, for a taste of some exciting ways your business could benefit from your new Microsoft Azure deployment.

"Congratulations! You are going to WIN your next SQL Server interview. "SQL The One" book can guide you to achieve the success in your next interview. This book covers Microsoft SQL Server interview experiences, questions and answers for a range of

SQL DBA's and SQL Server Professionals. All of these questions have been collected from the people who attended interviews at various multinational companies across the world. It also covers "How to prepare for a SQL DBA interview?" and "How to become an expert in your career?" Salient Features of Book All interview questions are asked in various MNC Covers 1090 real time questions and answers 254 questions on SQL Server Performance Tuning Covers all SQL Server HA & DR features 316 questions on SQL Server HA & DR features Lots of scenario based questions Covers SQL Server 2005, 2008, 2008 R2, 2012, 2014 and 2016 Questions are categorized In-depth explanations An Interview Experience with Microsoft Useful as a reference guide for SQL DBA Interview preparation

With the release of SQL Server 2005, Microsoft is introducing a new multi-exam certification program. The Microsoft SQL Server 2005 Implementation and Maintenance exam (70-431) is the first stop for everyone entering this new certification track, and serves as both a single exam certification as well as the entry exam for the MCITP-level certifications. This book provides an introduction to the development and administrative aspects of SQL Server 2005 and features practical guidance for all aspects of the exam. Get a great start in your certification process today with this comprehensive guide which includes: Hundreds of challenging practice questions plus two bonus exams Leading-edge exam preparation software, including a test engine Authoritative coverage of all key exam objectives, including: Installing and Configuring SQL Server 2005 Implementing High Availability and Disaster Recovery Supporting Data Consumers Maintaining Databases Monitoring and Troubleshooting SQL Server Performance Creating and Im-

plementing Database Objects Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Since the 1990s Grid Computing has emerged as a paradigm for accessing and managing distributed, heterogeneous and geographically spread resources, promising that we will be able to access computer power as easily as we can access the electric power grid. Later on, Cloud Computing brought the promise of providing easy and inexpensive access to remote hardware and storage resources. Exploiting pay-per-use models and virtualization for resource provisioning, cloud computing has been rapidly accepted and used by researchers, scientists and industries. In this volume, contributions from internationally recognized experts describe the latest findings on challenging topics related to grid and cloud database management. By exploring current and future developments, they provide a thorough understanding of the principles and techniques involved in these fields. The presented topics are well balanced and complementary, and they range from well-known research projects and real case studies to standards and specifications, and non-functional aspects such as security, performance and scalability. Following an initial introduction by the editors, the contributions are organized into four sections: Open Standards and Specifications, Research Efforts in Grid Database Management, Cloud Data Management, and Scientific Case Studies. With this presentation, the book serves mostly researchers and graduate students, both as an introduction to and as a technical reference for grid and cloud database management. The detailed descriptions of research prototypes dealing with spatiotemporal or genomic data will also be useful for application engineers in these fields.

Microsoft BizTalk Server 2010 Unleashed is the 100% new, 100% practical developer's guide to Microsoft's most powerful version of BizTalk Server. Written by an expert team of Microsoft insiders and BizTalk MVPs, it reflects unsurpassed experience with all phases of BizTalk enterprise solutions development, from planning through deployment and administration. The authors begin by introducing BizTalk Server's architecture and key integration concepts. Next, they offer in-depth coverage of BizTalk's foundational features, including schemas, maps, orchestrations, and pipelines. You'll learn how to effectively utilize both standard and custom adapters; monitor integration services; leverage cloud computing via Windows Azure; implement operational BI solutions; and make the most of business rules and BizTalk's Business Rules Engine (BRE). The authors offer best practices and "in the trenches" tips for everything from managing deployments through implementing state-of-the-art mobile RFID solutions. No other book offers this much useful, pragmatic, and tested knowledge for successful BizTalk development. Brian Loesgen is a Principal Architect Evangelist on Microsoft's Azure ISV team. A six-time Microsoft MVP, he has extensive experience in building advanced enterprise, ESB, and SOA solutions. He has coauthored eight books, including SOA with .NET and Windows Azure. Charles Young, a principal consultant at Solidsoft, and Jan Eliassen, an IT architect at Logica, have each been honored repeatedly as BizTalk MVPs, and are highly respected bloggers in the BizTalk community. Scott Colestock, chief architect for Trace Ventures, specializes in using BizTalk to implement integration and service orchestration solutions. He is a member of Microsoft's Architectural Advisory Board and a BizTalk MVP. Anush Kumar, CTO of S3Edge, served as Micro-

soft's RFID business leader and was heavily involved in designing and architecting its BizTalk RFID offerings. Jon Flanders is an independent consultant, instructor for Pluralsight, BizTalk MVP, and author of RESTful .NET. Apply BizTalk Server's sophisticated, scalable message exchange model to support virtually any business requirement Get your schemas right the first time, so you can avoid major problems downstream Use BizTalk Mapper to create maps for transforming inbound and outbound XML messages and supporting business processes Use orchestration to automate even highly-complex processes Utilize adapters and WCF to integrate any application, service, or system Extend your application's reach with Windows Azure AppFabric Capture key BizTalk infrastructure, services, and business metrics Build powerful rules-based solutions with Microsoft's Business Rules Framework Establish an Enterprise Service Bus (ESB) that uses BizTalk Server as core messaging infrastructure Efficiently manage, configure, and troubleshoot BizTalk through the Administration Console Create RFID applications ranging from simple label printing to end-to-end business processes

Migrate to a dynamic, on-demand data delivery platform "If you're looking to hit the ground running with any virtualization project, large or small, this book is going to give you the start you need, and along the way will offer you some cautionary tales that will even take some seasoned virtualization veterans by surprise." --From the foreword by Chris Wolf, Senior Analyst, Burton Group Transform your IT infrastructure into a leaner, greener data-center with expert guidance from a pair of industry professionals. Through clear explanations, examples, and a five-step deployment plan, *Virtualization: A Beginner's Guide* shows you how to

maximize the latest technologies from Citrix, Microsoft, and VMware. Consolidate your servers, set up virtual machines and applications, and manage virtual desktop environments. You'll also learn how to implement reliable security, monitoring, and backup procedures. Select a virtualization platform and develop roll-out plans Perform pre-deployment network and workstation tests Configure virtual machines, storage devices, and workloads Set up and secure a fully virtualized and highly available server environment Manage a centralized, on-demand application delivery framework Handle volatile and persistent desktop virtualization Use hypervisors to facilitate workload delivery Implement failsafe system backup and recovery strategies

Covers the critical information you'll need to know to score higher on your 70-290 exam! Set up and maintain Windows Server Update Services (WSUS) Use the Group Policy Management Console (GPMC) Intelligently select the appropriate disk storage technology when deciding between basic versus dynamic disks and between MBR versus GPT disks Take advantage of command-line tools such as DSADD, DSGET, DSMOD, DSMOVE, DSQUERY, and DSRM Discover the enhanced functionality of Microsoft Management Console (MMC) 3.0 under the R2 edition of Windows Server 2003 Harness the power of the increased security that Service Pack 1 (SP1) offers, such as the Security Configuration Wizard (SCW) and Access-based Enumeration filtering of network files and folders Perform bulk imports and exports of Active Directory user accounts using the CSVDE and LDIFDE command-line utilities Manage Windows Firewall settings under SP1 and R2 Configure shadow copies of shared folders so that users can easily retrieve previous versions of data files on their own

C# has quickly established itself as one of the world's most widely used programming languages. The newest version, Visual C# 2010, includes several important new features, including Silverlight, the Entity Framework, tighter integration with version 4.0 of the .NET Framework, and full support for programming Windows 7 and Office. The proven Sams Teach Yourself method will help all newcomers to C# 2010 get up to speed quickly, no matter whether you've had experience with previous versions of Visual C# or not. You are taken step by step through the process of software development, learning elements as you build a sample application so that the material is framed in a real world approach. The accompanying DVD contains Visual C# 2010 Express Edition, and the companion Web site contains all the code and exercises from the book. Step-by-step instructions carefully walk you through the most common tasks Q & As, quizzes, and exercises at the end of each chapter help you test your knowledge Notes and tips point out shortcuts and solutions The companion DVD contains Visual C# 2010 Express Edition - everything you need to get started programming in C#

"Business Survival - a Guide to Business Continuity Planning and Disaster Recovery" is for experienced and inexperienced, technical, and non-technical personnel who are interested in the need for Business Continuity Planning within their organizations. These personnel include: Senior and Executive management, the decision-makers who make budgetary decisions Business Continuity Managers and their teams Chief Information Officers, who ensure the implementation of the Disaster Recovery elements of the Business Continuity Plan and play a large role in (and perhaps even

manage or oversee) the Business Continuity Process The IT security program manager, who implements the security program IT managers and system owners of system software and/or hardware used to support IT functions. Information owners of data stored, processed, and transmitted by the IT systems Business Unit owners and managers who are responsible for the way in which their own unit fits into the overall Business Continuity Plan, but especially Facilities Managers, who are responsible for the way the buildings are evacuated and secured, providing floor plans and information to Emergency Services, etc. Human Resources Managers who are responsible for the "people" elements of the Business Continuity Plan Communications and PR Managers who are responsible for the communications policies that form part of the Business Continuity Plan Technical support personnel (e.g. network, system, application, and database administrators; computer specialists; data security analysts), who manage and administer security for the IT systems Information system auditors, who audit IT systems IT consultants, who support clients in developing, implementing and testing their Business Continuity Plans

HL7 for BizTalk provides a detailed guide to the planning and delivery of a HL7-compliant system using the dedicated Microsoft BizTalk for HL7 Accelerator. The HL7 Primary Standard, its various versions, and the use of the HL7 Accelerator for BizTalk are broken out and fully explained. HL7 for BizTalk provides clear guidance on the specific healthcare scenarios that HL7 is designed to overcome and provides working case study models of how HL7 solutions can be implemented in BizTalk, deployed in practice and monitored during operation. Special emphasis is given in this

book to the BizTalk reporting functionality and its use to provide HL7 oversight within organizations. HL7 for BizTalk is suitable for use with BizTalk versions from 2006 R2 to 2013 R2 to suit the reader's organization. All three versions of the HL7 standard and their differences, are explained. Vikas Bhardwaj is a Technical Architect at Syntel Inc. Vikas has 14 years of IT experience with Microsoft Technologies like BizTalk Server, .NET, C#, SQL Server. Vikas has implemented various integration solution using BizTalk Server including one of the largest implementation of BizTalk and HL7. Vikas presently lives in Nashville, Tennessee with his wife Poonam and two kids Shivam & Ayaan. You can check out Vikas' blog at <http://vikasbhardwaj15.blogspot.com/> and Vikas can be contacted directly at vikas15.bhardwaj@gmail.com. Howard S. Edidin is an integrations architect specializing in enterprise application integration. Howard runs his own consulting firm, Edidin Group, Inc, which is a Gold Member of the HL7 International Organization. Howard's firm specializes in delivering HL7 and HIPAA Healthcare solutions and providing guidance in the use of HL7 with BizTalk. Howard is active in several HL7 Working Groups and is involved with the development of a new HL7 Standard. In addition to BizTalk, Howard works with Azure, SQL Server, and SharePoint. Howard and his wife Sharon, live in a northern suburb of Chicago. Howard maintains several blogs, biztalk-in-howard.blogspot.com and fhir-biztalk.com. Howard can be contacted directly at hedidin@edidingroup.net.

A practical tutorial and study guide designed to assist readers in preparing for the Technology Specialist certification exam for Windows Vista consists of a series of lessons that focus on material required to pass the exam; utilizes a travel theme study system

that assists in remembering key concepts; and features a companion CD-ROM containing a free practice exam. Original. (Intermediate)

This book has a practical approach with a lot of step-by-step guides and explanations as to where and why we're doing the various operations. Getting Started with Microsoft Lync Server 2013 is a starting point for system administrators, IT pros, unified communication technicians, and decision makers in companies or in the consultancy business. For people who have never managed Lync (or a U.C. product), the book will guide you through the basic concepts and mistakes. If you are already managing a Lync deployment you will find important explanations and ideas put together in a single text. If your work requires evaluating a Lync project this book offers parameters and suggestions to plan a project to deliver the best results.

Covers the critical information you need to know to score higher on your 70-642 Exam! Configure IPv4 and IPv6 addressing and services Work efficiently with Dynamic Host Configuration Protocol (DHCP) Manage advanced server features such as Server Core and Hyper-V Configure routing, including RIP and OSPF-based routing Secure networks with firewalls, policies, IPsec, authentication, Network Access Protection, and the Baseline Security Analyzer Configure DNS servers, zones, records, replication, and client computer name resolution Manage remote access, from NAT and VPNs to RRAS and RADIUS services Implement secure wireless access using SSID, WEP, WPA, WPA2, and group policies Configure file and print services, including disk quotas, DFS, and EFS Establish efficient automated backups and manage restores Monitor

network performance and events Streamline updates with Windows Server Update Services (WSUS)

Get a 360-degree view of Teams as a secure collaboration tool with best practices and recommendations for using Teams efficiently Key Features Master and manage virtual meetings easily using Teams Understand the essential security and administration aspects of Microsoft Teams Communicate and collaborate effectively with your colleagues using Teams and M365 apps such as Sway, Yammer, and StreamBook Description The outbreak of the pandemic has forced the world to embrace remote working and the modern style of virtual business. However, end users may find it challenging to cope with this sudden change in working style, not aware of all the features and remote working tools available to make their life easy. Microsoft Teams is an exceptional platform, adopted by many organizations for unified communication and collaboration, and this book will help you to make the most of its capabilities. Complete with step-by-step explanations and screenshots, this book guides you through the topics that you'll find useful in your daily use of Teams. You'll learn how to manage your teams and projects with Microsoft Teams in a structured and organized way. The book provides hands-on information with a focus on the end user side to help corporate users to increase productivity and become a Microsoft Teams superuser. Finally, you'll explore the most effective ways of using the app with best practices and tips and tricks for making the most of the features available for your scenario. By the end of this Microsoft Teams book, you'll have mastered Microsoft Teams and be fully equipped as a modern collaboration end user to effectively increase your remote work productivity. What you will learn Find out

how to secure your documents and data with Microsoft's security- Improve your organization's productivity and engagement with Microsoft Teams Integrate Teams with other Office 365 apps such as SharePoint, OneNote, and OneDrive Automate your regular tasks with easy end-user automation options Discover best practices and etiquettes for using Teams efficiently and effectively Explore tips and tricks from expert MVP and Microsoft Certified Trainer (MCT) authors Who this book is for This book for anyone who wants to improve their day-to-day productivity using Microsoft Teams. Anyone with access to Office 365 apps will find this book useful irrespective of their designations. Fundamental knowledge of Microsoft Office 365 Applications is required.

Plan and execute a successful Office 365 Exchange Online migration with ease About This Book This book gives you the most up-to-date and accurate information available today on online migration with Microsoft Office 365 Discover the very best migration path for your small or enterprise network and avoid costly mistakes Learn from seasoned professionals who migrate small businesses to multinational companies from around the world on a daily basis Who This Book Is For If you are an appointed IT person or an IT administrator who is part of a large internal team in your organization, then this book is for you. If you are a small business owner, manager, or consultant, this book will also help you. Knowledge of Office 365 is not required. However, experience with Exchange Server and mail clients, and role and delegation concepts is required. What You Will Learn Sign up for an Office 365 account and configure your e-mail domains Migrate mailboxes from Exchange server, Google, and any other POP3 or IMAP based system in to Office 365 Configure a hybrid configuration by

using Azure AD Connect to synchronize your on-premises Active Directory with Office 365 Deploy Active Directory Federation Services (AD FS) to enable Single sign on and streamline the login process for your users Set up a hybrid Exchange configuration and host mailboxes locally or in the cloud and move mailboxes between the two with ease Configure a public folder hybrid and share existing on-premises public folders with users hosted in Exchange online Setup a hybrid Skype for Business (SFB) configuration and move users into SFB online Configure a SharePoint configuration, allowing users to create and search content hosted on an existing SharePoint server as well as in SharePoint online In Detail Organizations are migrating to the cloud to save money, become more efficient, and empower their users with the latest technology. Office 365 delivers all of this in a reliable, fast, and ever-expanding way, keeping you ahead of the competition. As the IT administrator of your network, you need to make the transi-

tion as painless as possible for your users. Learn everything you need to know and exactly what to do to ensure your Office 365 Exchange online migration is a success! This guide gives you everything you need to develop a successful migration plan to move from Exchange, Google, POP3, and IMAP systems to Office 365 with ease. We start by providing an overview of the Office 365 plans available and how to make a decision on what plan fits your organization. We then dive into topics such as the Office 365 Admin Portal, integration options for professionals and small businesses, integration options for enterprises, preparing for a simple migration, performing a simple migration, and preparing for a hybrid deployment. Later in the book, we look at migration options for Skype for Business and SharePoint to further help you leverage the latest collaborative working technologies within your organization. Style and approach This is a detailed yet easy to follow step-by-step guide to planning and executing a successful migration to Office 365.