

Alwayson Availability Groups Step By Step Setup Tutorials

This is likewise one of the factors by obtaining the soft documents of this **Alwayson Availability Groups Step By Step Setup Tutorials** by online. You might not require more become old to spend to go to the book instigation as skillfully as search for them. In some cases, you likewise complete not discover the broadcast Alwayson Availability Groups Step By Step Setup Tutorials that you are looking for. It will agreed squander the time.

However below, subsequently you visit this web page, it will be thus very easy to get as skillfully as download guide Alwayson Availability Groups Step By Step Setup Tutorials

It will not recognize many get older as we run by before. You can pull off it even if act out something else at home and even in your workplace. thus easy! So, are you question? Just exercise just what we present below as without difficulty as evaluation **Alwayson Availability Groups Step By Step Setup Tutorials** what you in imitation of to read!

Hyper-V Network Virtualization Cookbook - Ryan Boud 2014-11-28

If you are a virtualization architect, engineer, or administrator who wants to leverage Hyper-V to create virtual networks (virtual data centers), this is the book for you. Prior knowledge of Hyper-V or a similar solution and a good understanding of the end goals of creating a virtual network is required.

SQL the One - Uday Arumilli 2016-12-17

"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

High Availability and Disaster Recovery - Klaus Schmidt 2006-09-02

Companies and institutions depend more than ever on the availability of their Information Technology, and most mission critical business processes are IT-based. Business Continuity is the ability to do business under any circumstances and is an essential requirement faced by modern companies. Both concepts - High Availability and Disaster Recovery - are realized by redundant systems. This book presents requirements, concepts, and realizations of redundant systems on all abstraction levels, and all given examples refer to UNIX and Linux Systems.

Deploying SharePoint 2019 - Vlad Catrinescu 2019-05-21

Update to a version of SharePoint that offers the best of both on-premise and the cloud using SharePoint 2019, the latest release of this cornerstone technology from Microsoft. Don your technical learning hat to get up close and confident on the new time-saving modern features of on-premise, and the many new security and hybrid settings. Deploying SharePoint 2019 begins with a general introduction to SharePoint 2019, covering new features and expanding your knowledge and capability with the technology systematically. You will learn about the new world of SharePoint, and how it was "cloud-born" from Office 365. From there you will dive into learning how to design a physical architecture for SharePoint Server 2019 and get familiar with the key concepts of high availability (HA) and disaster recovery (DR) solutions. What You'll Learn Install, configure, and optimize SharePoint 2019 Understand SharePoint 2019 as a hybrid framework Get comfortable with new tools, such as Flow, PowerApps, and Power BI Configure systems connected to SharePoint, such as Office Online Server and Workflow Manager Migrate content and service databases from previous versions of SharePoint to SharePoint 2019 Implement HA and DR topologies with SharePoint 2019 to satisfy business continuity requirements Who This Book Is For Those tasked with installing, configuring, and maintaining SharePoint Server 2019 for their organization. This

book assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2013 or SharePoint 2016.

Training Kit Exam 70-462 - Peter Taylor 2012

EXAM PREP GUIDE Ace your preparation for the skills measured by Exam 70-462--and on the job--with this official Microsoft study guide. Work at your own pace through a series of lessons and reviews that fully cover each exam objective. Then, reinforce and apply what you've learned through real-world case scenarios and practice exercises. Maximize your performance on the exam by mastering the skills and experience measured by these objectives: Install and configure SQL Server Maintain instances and databases Optimize and troubleshoot SQL Server Manage data Implement security Implement high availability PRACTICE TESTS A Note Regarding Practice Tests Assess your skills with practice tests. You can work through hundreds of questions using multiple testing modes to meet your specific learning needs. You get detailed explanations for right and wrong answers--including a customized learning path that describes how and where to focus your studies. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Pro SQL Server 2012 Practices - Chris Shaw 2012-11-29

Pro SQL Server 2012 Practices is an anthology of high-end wisdom from a group of accomplished database administrators who are quietly but relentlessly pushing the performance and feature envelope of Microsoft SQL Server 2012. With an emphasis upon performance—but also branching into release management, auditing, and other issues—the book helps you deliver the most value for your company's investment in Microsoft's flagship database system. Goes beyond the manual to cover good techniques and best practices Delivers knowledge usually gained only by hard experience Focuses upon performance, scalability, reliability Helps achieve the predictability needed to be in control at all times

Training Kit (Exam 70-462) - Orin Thomas 2012

Presents lessons covering exam objectives, practice exercises, real-world scenarios, and practice exams on the accompanying CD-ROM.

Professional SQL Server 2008 Internals and Troubleshooting - Christian Bolton 2010-06-22

A hands-on resource for SQL Server 2008 troubleshooting methods and tools SQL Server administrators need to ensure that SQL Server remains running 24/7. Authored by leading SQL Server experts and MVPs, this book provides in-depth coverage of best practices based on a deep understanding of the internals of both SQL Server and the Windows operating system. You'll get a thorough look at the SQL Server database architecture and internals as well as Windows OS internals so that you can approach troubleshooting with a solid grasp of the total processing environment. Armed with this comprehensive understanding, readers will then learn how to use a suite of tools for troubleshooting performance problems whether they originate on the database server or operating system side. Topics Covered: SQL Server Architecture Understanding Memory SQL Server Waits and Extended Events Working with Storage CPU and Query Processing Locking and Latches Knowing Tempdb Defining Your Approach To Troubleshooting Viewing Server Performance with PerfMon and the PAL Tool Tracing SQL Server with SQL Trace and Profiler Consolidating Data

Collection with SQLDiag and the PerfStats Script Introducing RML Utilities for Stress Testing and Trace File Analysis Bringing It All Together with SQL Nexus Using Management Studio Reports and the Performance Dashboard Using SQL Server Management Data Warehouse Shortcuts to Efficient Data Collection and Quick Analysis Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

SQL Server AlwaysOn Revealed - Peter A. Carter 2016-12-08

Get a fast start to using AlwaysOn, the SQL Server solution to high-availability and disaster recovery. This second edition is newly updated to cover the 2016 editions of both SQL Server and Windows Server. Also in this edition is all-new content on troubleshooting and metadata. The book provides a solid and accurate understanding of how to implement systems requiring consistent and continuous uptime, as well as how to troubleshoot those systems in order to keep them running an reliable. Begin with an introduction to high-availability and disaster recovery concepts such as Recovery Point Objectives (RPOs), Recovery Time Objectives (RTO), availability levels, and the cost of downtime. Then move into detailed coverage of implementing and configuring the AlwaysOn feature set in order to meet the business objectives set by your organization. SQL Server AlwaysOn Revealed offers real-world advice on how to build and configure the most appropriate topology to meet the high-availability and disaster recovery requirements you are faced with. Content includes strong coverage on implementing clusters, on building AlwaysOn failover clustered instances, and on configuring AlwaysOn Availability Groups. This is a practical and hand-on book to get you started quickly in using one of the most talked-about SQL Server feature sets. Teaches you to build HA and DR solutions using the AlwaysOn feature set Provides real-world advice on configuration and performance considerations Demonstrates administrative techniques for the AlwaysOn feature set What You Will Learn Understand high availability and disaster recovery in SQL Server 2016 Build and configure a Windows Cluster Create and configure an AlwaysOn failover clustered instance Implement AlwaysOn Availability Groups and appropriately configure them Administer AlwaysOn technologies post implementation Troubleshoot and resolve problems with misbehaving systems Who This Book Is For Database administrators interested in growing their knowledge and skills in Microsoft SQL Server's high-availability and disaster recovery feature set.

Professional SharePoint 2013 Administration eBook And SharePoint-videos.com Bundle - Shane Young 2014-03-10

Professional SharePoint 2013 Administration eBook And SharePoint-videos.com Bundle

Professional Microsoft SQL Server 2014 Administration - Adam Jorgensen 2014-09-08

Learn to take advantage of the opportunities offered by SQL Server 2014 Microsoft's SQL Server 2014 update means big changes for database administrators, and you need to get up to speed quickly because your methods, workflow, and favorite techniques will be different from here on out. The update's enhanced support of large-scale enterprise databases and significant price advantage mean that SQL Server 2014 will become even more widely adopted across the industry. The update includes new backup and recovery tools, new AlwaysOn features, and enhanced cloud capabilities. In-memory OLTP, Buffer Pool Extensions for SSDs, and a new Cardinality Estimator can improve functionality and smooth out the workflow, but only if you understand their full capabilities. Professional Microsoft SQL Server 2014 is your comprehensive guide to working with the new environment. Authors Adam Jorgensen, Bradley Ball, Ross LoForte, Steven Wort, and Brian Knight are the dream team of the SQL Server community, and they put their expertise to work guiding you through the changes. Improve oversight with better management and monitoring Protect your work with enhanced security features Upgrade performance tuning, scaling, replication, and clustering Learn new options for backup and recovery Professional Microsoft SQL Server 2014 includes a companion website with sample code and efficient automation utilities, plus a host of tips, tricks, and workarounds that will make your job as a DBA or database architect much easier. Stop getting frustrated with administrative issues and start taking control. Professional Microsoft SQL Server 2014 is your roadmap to mastering the update and creating solutions that work.

Learn SQL Server Administration in a Month of Lunches - Don Jones 2014-04-30

Summary Learn SQL Server Administration in a Month of Lunches is the perfect way to get started with SQL Server operations, including maintenance, backup and recovery, high availability, and performance

monitoring. In about an hour a day over a month, you'll learn exactly what you can do, and what you shouldn't touch. Most importantly, you'll learn the day-to-day tasks and techniques you need to keep SQL Server humming along smoothly. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Microsoft SQL Server is used by millions of businesses, ranging in size from Fortune 500s to small shops worldwide. Whether you're just getting started as a DBA, supporting a SQL Server-driven application, or you've been drafted by your office as the SQL Server admin, you do not need a thousand-page book to get up and running. Learn SQL Server Administration in a Month of Lunches is the perfect way to get started with SQL Server. This concise, easy-to-read book skips academic introductions and teaches you day-to-day techniques for maintenance, backup and recovery, performance monitoring, and more. Each of the 21 short lessons gives you practical takeaways you'll use over and over. What's Inside Master the basics—indexes, logins, backup, recovery ... and more Learn what you can and cannot do when supporting a third-party application Monitor and improve performance Written by expert trainer and bestselling author Don Jones Accessible to readers of any level of experience, the book covers techniques for all versions of SQLServer 2005-2014. About the Author Don Jones is a Microsoft MVP, speaker, and trainer. He is the creator of the Month of Lunches series and author of over 50 books on PowerShell, IIS, Active Directory, SCCM, SQL Server, and more. Table of Contents Before you begin Server assessment and configuration T-SQL crash course Managing databases Backup and recovery Authentication: who are you? Authorization: what are you allowed to do? Accounting: what did you do? Analyzing indexes Maintaining indexes Tuning index designs Reading query execution plans Block and deadlock analysis Automating management with SQL Server Agent Multiserver management Windows PowerShell and SQL Server Using Extended Events Monitoring and analyzing performance Options for high availability Virtualizing SQL Server Moving, migrating, and upgrading databases SQL Server performance checklist Never the end

Microsoft System Center Data Protection Manager Cookbook - Charbel Nemnom 2018-12-26

Over 60 recipes to achieve a robust and advanced backup and recovery solution leveraging SCDPM Key FeaturesAdapt to the modern data center design challenges and improve storage efficiencyEffective recipes to help you create your own robust architectural designs Solve data protection and recovery problems in your organizationBook 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 learnInstall and prepare SQL Server for the SCDPM databaseReduce backup storage with SCDPM and data deduplicationLearn about the prerequisites for supported Hyper-V Server protectionIntegrate SCDPM with other System Center products to build optimal servicesProtect and restore the SCDPM databaseProtect your data center by integrating SCDPM with Azure BackupManually create online recovery points and recover production data from AzureProtect and learn about the requirements to recover Azure Stack with SCDPMWho 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.

Professional Microsoft SQL Server 2012 Administration - Adam Jorgensen 2012-03-28

An essential how-to guide for experienced DBAs on the most significant product release since 2005! Microsoft SQL Server 2012 will have major changes throughout the SQL Server and will impact how DBAs administer the database. With this book, a team of well-known SQL Server experts introduces the many

new features of the most recent version of SQL Server and deciphers how these changes will affect the methods that administrators have been using for years. Loaded with unique tips, tricks, and workarounds for handling the most difficult SQL Server admin issues, this how-to guide deciphers topics such as performance tuning, backup and recovery, scaling and replication, clustering, and security. Serves as a must-have how-to guide on the new features of the 2012 release of Microsoft SQL Server Walks you through ways to manage and monitor SQL Server and automate administration Guides you through SQL Azure for cloud computing, data replication, and data warehouse performance improvements Addresses client-connectivity enhancements, new features that ensure high availability of mission-critical applications, and tighter integration with Excel and SharePoint for data analysis and reporting Highlights major changes to the suite of SQL Server BI tools, including integration, reporting, and analysis services Includes real-world case examples and best practices from Microsoft insiders If you're a database administrator eager to get started with the newest version of SQL Server, then this book is essential reading.

Mastering Skype for Business 2015 - Keith Hanna 2016-03-17

Authoritative, hands-on guidance for Skype Business administrators Mastering Skype for Business 2015 gives administrators the comprehensive coverage they need to effectively utilize Skype for Business. Fully up to date for the 2015 release, this guide walks you through industry best practices for planning, design, configuration, deployment, and management with clear instruction and plenty of hands-on exercises. Case studies illustrate the real-world benefits of Unified Communication, and provide expert experiences working with Skype for Business. From server roles, infrastructure, topology, and security to telephony, cloud deployment, and troubleshooting, this guide provides the answers you need and the insight that will make your job easier. Sample automation scripts help streamline your workflow, and full, detailed coverage helps you exploit every capability Skype for Business has to offer. Skype for Business enables more robust video conferencing, and integrates with Office, Exchange, and SharePoint for better on-premises and cloud operations. Organizations are turning to Skype for Business as a viable PBX replacement, and admins need to be up to speed and ready to go. This book provides the clear, explicit instructions you need to: Design, configure, and manage IM, voice mail, PBX, and VoIP Connect to Exchange and deploy Skype for Business in the cloud Manage UC clients and devices, remote access, federation, and public IM Automate management tasks, and implement cross-team backup-and-restore The 2015 version is the first Skype to take advantage of the Windows 10 'touch first' capabilities to provide fast, natural, hands-on control of communications, and users are eager to run VoIP, HD video conferencing, collaboration, instant messaging, and other UC features on their mobile devices. Mastering Skype for Business 2015 helps you get Skype for Business up and running quickly, with hands-on guidance and expert insight.

Pro SQL Server Always On Availability Groups - Uttam Parui 2016-10-24

This book is your field guide to planning, deploying, managing, and troubleshooting Always On Availability Groups. The Always On Availability Groups feature is an enterprise-level solution for high availability and disaster recovery. Always On provides a rich set of options that reduce overhead and resource usage and enable database administrators to implement and manage high availability and disaster recovery solutions far more easily than by implementing the log-shipping and database-mirroring solutions of the past. Pro SQL Server Always On Availability Groups shows how to reduce downtime, maximize application availability, and provide data protection. The goal is always to have your SQL Server databases up and running whenever you need them, rain or shine, disaster or otherwise. With a focus on real-world experiences and war stories, authors Uttam Parui and Vivek Sanil offer you: Tips, tricks, and best practices for architecting and deploying availability groups. The confidence required to manage and monitor availability groups. Techniques to troubleshoot common issues that you may face during and after deploying availability groups in a mission-critical production environment. What You Will Learn Grasp important concepts underlying high-availability and disaster recovery. Plan and deploy Always On Availability Groups in your corporate environment. Manage Availability Groups to ensure constant readiness and high throughput. Monitor Availability Group performance and troubleshoot problems fast. Build on the cloud and make Windows Azure part of your availability solution. Employ proven techniques and best practices as tested and shared by the authors. Audience Pro SQL Server Always On Availability Groups is aimed at SQL Server architects, database administrators, and IT professionals who are tasked

with architecting and deploying a high-availability and disaster recovery solution involving Microsoft SQL Server. This book is also for SQL Server support staff who will be managing and supporting existing availability group deployments.

Introducing Microsoft SQL Server 2016 - Stacia Varga 2016-06-28

With Microsoft SQL Server 2016, a variety of new features and enhancements to the data platform deliver breakthrough performance, advanced security, and richer, integrated reporting and analytics capabilities. In this ebook, we introduce new security features: Always Encrypted, Row-Level Security, and dynamic data masking; discuss enhancements that enable you to better manage performance and storage: TemDB configuration, query store, and Stretch Database; review several improvements to Reporting Services; and also describe AlwaysOn Availability Groups, tabular enhancements, and R integration.

Pro SQL Server 2019 Administration - Peter A. Carter 2019-10-18

Use this comprehensive guide for the SQL Server DBA, covering all that practicing database administrators need to know to get their daily work done. Updated for SQL Server 2019, this edition includes coverage of new features such as Memory-optimized TempDB Metadata, and Always Encrypted with Secure Enclaves. Other new content includes coverage of Query Store, resumable index operations, installation on Linux, and containerized SQL. Pro SQL Server 2019 Administration takes DBAs on a journey that begins with planning their SQL Server deployment and runs through installing and configuring the instance, administering and optimizing database objects, and ensuring that data is secure and highly available. Finally, readers will learn how to perform advanced maintenance and tuning techniques. This book teaches you to make the most of new SQL Server 2019 functionality, including Data Discovery and Classification. The book promotes best-practice installation, shows how to configure for scalability and high workloads, and demonstrates the gamut of database-level maintenance tasks such as index maintenance, database consistency checks, and table optimizations. What You Will Learn Install and configure SQL Server on Windows through the GUI and with PowerShell Install and configure SQL Server on Linux and in Containers Optimize tables through in-memory OLTP, table partitioning, and the creation of indexes Secure and encrypt data to protect against embarrassing data breaches Ensure 24x7x365 access through high-availability and disaster recovery features Back up your data to ensure against loss, and recover data when needed Perform routine maintenance tasks such as database consistency checks Troubleshoot and solve performance problems in SQL queries and in the database engine Who This Book Is For SQL Server DBAs who manage on-premise installations of SQL Server. This book is also useful for DBAs who wish to learn advanced features such as Query Store, Extended Events, Distributed Replay, and Policy-Based Management, or those who need to install SQL Server in a variety of environments.

Exam Ref 70-764 Administering a SQL Database Infrastructure - Victor Isakov 2017-09-26

Prepare for Microsoft Exam 70-764—and help demonstrate your real-world mastery of skills for database administration. This exam is intended for database administrators charged with installation, maintenance, and configuration tasks. Their responsibilities also include setting up database systems, making sure those systems operate efficiently, and regularly storing, backing up, and securing data from unauthorized access. Focus on the expertise measured by these objectives: • Configure data access and auditing • Manage backup and restore of databases • Manage and monitor SQL Server instances • Manage high availability and disaster recovery This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have working knowledge of database installation, configuration, and maintenance tasks. You should also have experience with setting up database systems, ensuring those systems operate efficiently, regularly storing and backing up data, and securing data from unauthorized access. About the Exam Exam 70-764 focuses on skills and knowledge required for database administration. About Microsoft Certification Passing both Exam 70-764 and Exam 70-765 (Provisioning SQL Databases) earns you credit toward an MCSA: SQL 2016 Database Administration certification. See full details at: microsoft.com/learning

Microsoft SQL Server 2012 Unleashed - Ray Rankins 2014

Buy the print version of  Microsoft SQL Server 2012 Unleashed and get the eBook version for free! eBook version includes chapters 44-60 not included in the print. See inside the book for access code and details.

 With up-to-the-minute content, this is the industry's most complete, useful guide to SQL Server 2012. 

You'll find start-to-finish coverage of SQL Server's core database server and management capabilities: all the real-world information, tips, guidelines, and samples you'll need to create and manage complex database solutions. The additional online chapters add extensive coverage of SQL Server Integration Services, Reporting Services, Analysis Services, T-SQL programming, .NET Framework integration, and much more. ♦ Authored by four expert SQL Server administrators, designers, developers, architects, and consultants, this book reflects immense experience with SQL Server in production environments. Intended for intermediate-to-advanced-level SQL Server professionals, it focuses on the product's most complex and powerful capabilities, and its newest tools and features. Understand SQL Server 2012's newest features, licensing changes, and capabilities of each edition Manage SQL Server 2012 more effectively with SQL Server Management Studio, the SQLCMD command-line query tool, and Powershell Use Policy-Based Management to centrally configure and operate SQL Server Utilize the new Extended Events trace capabilities within SSMS Maximize performance by optimizing design, queries, analysis, and workload management Implement new best practices for SQL Server high availability Deploy AlwaysOn Availability Groups and Failover Cluster Instances to achieve enterprise-class availability and disaster recovery Leverage new business intelligence improvements, including Master Data Services, Data Quality Services and Parallel Data Warehouse Deliver better full-text search with SQL Server 2012's new Semantic Search Improve reporting with new SQL Server 2012 Reporting Services features Download the following from informit.com/title/9780672336928: Sample databases and code examples ♦♦

Professional SQL Server High Availability and Disaster Recovery - Ahmad Osama 2019-01-31 Leverage powerful features of the SQL Server and watch your infrastructure transform into a high-performing, reliable network of systems. Key Features Explore more than 20 real-world use cases to understand SQL Server features Get to grips with the SQL Server Always On technology Learn how to choose HA and DR topologies for your system Book Description Professional SQL Server High Availability and Disaster Recovery explains the high availability and disaster recovery technologies available in SQL Server: Replication, AlwaysOn, and Log Shipping. You'll learn what they are, how to monitor them, and how to troubleshoot any related problems. You will be introduced to the availability groups of AlwaysOn and learn how to configure them to extend your database mirroring. Through this book, you will be able to explore the technical implementations of high availability and disaster recovery technologies that you can use when you create a highly available infrastructure, including hybrid topologies. Note that this course does not cover SQL Server Failover Cluster Installation with shared storage. By the end of the book, you'll be equipped with all that you need to know to develop robust and high performance infrastructure. What you will learn Configure and troubleshoot Replication, AlwaysOn, and Log Shipping Study the best practices to implement HA and DR solutions Design HA and DR topologies for the SQL Server and study how to choose a topology for your environment Use T-SQL to configure replication, AlwaysOn, and log shipping Migrate from On-Premise SQL Server to Azure SQL Database Manage and maintain AlwaysOn availability groups for extended database mirroring Who this book is for Professional SQL Server High Availability and Disaster Recovery is for you if you are a database administrator or database developer who wants to improve the performance of your production environment. Prior experience of working with SQL Server will help you get the most out of this book.

[Deploying SharePoint 2016](#) - Vlad Catrinescu 2016-11-09

Learn how to install, configure, and maintain the latest release of Microsoft's popular SharePoint Server, SharePoint 2016. This latest version brings with it many changes for IT professionals. With this book you will learn how to create an efficient and stable SharePoint environment for your organization. What You'll Learn Install SharePoint Server 2016, both using the user interface provided by Microsoft, and by using PowerShell Understand your authentication options and associated security considerations Deploy add-ins, either from the store, or from your own custom app catalog Configure Search Service Application using either the provided UI or PowerShell Configure business intelligence components such as Excel Services, SQL Server Reporting Services, and PowerPivot Migrate to SharePoint Server 2016 from either SharePoint Server 2010 or 2013 Understand approaches to high availability, disaster recovery, patching, and ways to monitor and maintain your SharePoint 2016 deployment once it's up and running Who This Book Is For Anyone tasked with installing, configuring, and maintaining SharePoint Server 2016 in their organization.

This book assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2010 or SharePoint 2013

[Healthy SQL](#) - Robert Pearl 2015-06-01

"Robert Pearl, a well-known DBA in the SQL community, explains his holistic vision of a database instance that needs regular check-ups and gives the tools, scripts, and best practices he has collected over the years." Alberto Bolchini, Computing Reviews, May 9, 2016 Healthy SQL is about ensuring the ongoing performance health of a SQL Server database. An unhealthy database is not just an inconvenience; it can bring a business to its knees. And if you are the database administrator, the health of your SQL Server implementation can be a direct reflection on you. It's in everyone's best interest to have a healthy SQL implementation. Healthy SQL is built around the concept of a medical checkup, giving you the tools you need to assess the current health of your database and take action to improve upon that health and maintain good performance to your business. Healthy SQL aids in developing a rigorous routine so that you know how healthy your SQL Server machines are, and how you can keep those same servers healthy and fit for duty. The book is filled with practical advice and a time-tested strategy, helping you put together a regimen that will ensure your servers are healthy, your implementation is fully optimized, your services are redundant and highly available, and you have a plan for business continuity in the event of a disaster. If your current environment doesn't match up with these criteria, then pick up a copy of Healthy SQL today and start your journey on the road to a fit and tight SQL Server deployment.

[SQL Server 2019 Administration Inside Out](#) - Randolph West 2020-03-11

Conquer SQL Server 2019 administration—from the inside out Dive into SQL Server 2019 administration—and really put your SQL Server DBA expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2019 in any production environment: on-premises, cloud, or hybrid. Six experts thoroughly tour DBA capabilities available in SQL Server 2019 Database Engine, SQL Server Data Tools, SQL Server Management Studio, PowerShell, and Azure Portal. You'll find extensive new coverage of Azure SQL, big data clusters, PolyBase, data protection, automation, and more. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery. Explore SQL Server 2019's toolset, including the improved SQL Server Management Studio, Azure Data Studio, and Configuration Manager Design, implement, manage, and govern on-premises, hybrid, or Azure database infrastructures Install and configure SQL Server on Windows and Linux Master modern maintenance and monitoring with extended events, Resource Governor, and the SQL Assessment API Automate tasks with maintenance plans, PowerShell, Policy-Based Management, and more Plan and manage data recovery, including hybrid backup/restore, Azure SQL Database recovery, and geo-replication Use availability groups for high availability and disaster recovery Protect data with Transparent Data Encryption, Always Encrypted, new Certificate Management capabilities, and other advances Optimize databases with SQL Server 2019's advanced performance and indexing features Provision and operate Azure SQL Database and its managed instances Move SQL Server workloads to Azure: planning, testing, migration, and post-migration

Skype for Business Unleashed - Alex Lewis 2016-09-15

Skype for Business Unleashed This is the most comprehensive, realistic, and useful guide to Skype for Business Server 2015, Microsoft's most powerful unified communications system. Four leading Microsoft unified communications consultants share in-the-trenches guidance for planning, integration, migration, deployment, administration, and more. The authors thoroughly introduce Skype for Business 2015's components and capabilities, as well as changes and improvements associated with the integration of popular Skype consumer technologies. You'll find detailed coverage of IP voice, instant messaging, conferencing, and collaboration; and expert guidance on server roles, multi-platform clients, security, and troubleshooting. Reflecting their unsurpassed experience, the authors illuminate Microsoft's new cloud-based and hybrid cloud architectures for unified communications, showing how these impact networking, security, and Active Directory. They cover SDN for unified communications; interoperation with consumer Skype and legacy video conferencing; quality optimization, mobile improvements, and much more. Throughout, the authors combine theory, step-by-step configuration instructions, and best practices from real enterprise environments. Simply put, you'll learn what works—and how it's done. Detailed Information

on How To · Plan deployments, from simple to highly complex · Deploy Skype for Business Server 2015 as a cloud or cloud-hybrid solution · Walk step by step through installation or an in-place upgrade · Overcome “gotchas” in migrating from Lync Server 2010 or 2013 · Leverage new features available only in cloud or cloud-hybrid environments · Implement and manage Mac, mobile, Windows, browser, and virtualized clients · Establish server roles, including front end, edge, and mediation server · Make the most of Skype for Business Server 2015’s enhanced mobile experience · Manage external dependencies: network requirements, dependent services, and security infrastructure · Efficiently administer Skype for Business Server 2015 · Provide for high availability and disaster recovery · Integrate voice, telephony, and video, step by step · Avoid common mistakes, and discover expert solutions and workarounds Category: Business Applications Covers: Skype for Business User Level: Intermediate—Advanced

[Microsoft SQL Server 2012 Bible](#) - Adam Jorgensen 2012-08-06

Harness the powerful new SQL Server 2012 Microsoft SQL Server 2012 is the most significant update to this product since 2005, and it may change how database administrators and developers perform many aspects of their jobs. If you're a database administrator or developer, Microsoft SQL Server 2012 Bible teaches you everything you need to take full advantage of this major release. This detailed guide not only covers all the new features of SQL Server 2012, it also shows you step by step how to develop top-notch SQL Server databases and new data connections and keep your databases performing at peak. The book is crammed with specific examples, sample code, and a host of tips, workarounds, and best practices. In addition, downloadable code is available from the book's companion web site, which you can use to jumpstart your own projects. Serves as an authoritative guide to Microsoft's SQL Server 2012 for database administrators and developers Covers all the software's new features and capabilities, including SQL Azure for cloud computing, enhancements to client connectivity, and new functionality that ensures high-availability of mission-critical applications Explains major new changes to the SQL Server Business Intelligence tools, such as Integration, Reporting, and Analysis Services Demonstrates tasks both graphically and in SQL code to enhance your learning Provides source code from the companion web site, which you can use as a basis for your own projects Explores tips, smart workarounds, and best practices to help you on the job Get thoroughly up to speed on SQL Server 2012 with Microsoft SQL Server 2012 Bible.

[Microsoft SQL Server 2012 Step by Step](#) - Patrick LeBlanc 2013-02-15

Your hands-on, step-by-step guide to building applications with Microsoft SQL Server 2012 Teach yourself the programming fundamentals of SQL Server 2012—one step at a time. Ideal for beginning SQL Server database administrators and developers, this tutorial provides clear guidance and practical, learn-by-doing exercises for building database solutions that solve real-world business problems. Discover how to: Install and work with core components and tools Create tables and index structures Manipulate and retrieve data Secure, manage, back up, and recover databases Apply techniques for building high-performing applications Use clustering, database mirroring, and log shipping

SQL Server Interview Questions You'll Most Likely Be Asked - Vibrant Publishers

· 290 SQL Server Interview Questions · 76 HR Interview Questions · Real life scenario based questions · Strategies to respond to interview questions · 2 Aptitude Tests SQL Server interview questions you'll most likely be asked is a perfect companion to stand a head above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an it career. This book puts the Interviewee in the driver's seat and helps them steer their way to impress the interviewer. The following is included in this book: (a) 290 SQL Server interview questions, answers and proven strategies for getting hired as DBA (b) Dozens of scenario based examples to respond to interview questions (c) 76 HR questions with answers and proven strategies to give specific, impressive, answers that help nail the interviews (d) 2 Aptitude Tests download available on www.vibrantpublishers.com

Virtualizing Microsoft Business Critical Applications on VMware vSphere - Matt Liebowitz 2013 Best practices, guidance, and tips for virtualizing Microsoft® business critical applications on the VMware vSphere® platform By virtualizing Microsoft's enterprise applications on vSphere, you can drive down costs while migrating toward flexible, low-cost private cloud architectures. This unique guidebook bridges the gap between the Microsoft and VMware worlds, bringing together the deep knowledge, cutting-edge best

practices, and practical techniques you need to succeed. Leading experts Matt Liebowitz and Alex Fontana present end-to-end coverage of virtualizing Windows Server 2012 AD domain controllers and failover clusters, Exchange Server 2013, SQL Server 2012, and SharePoint Server 2013. They offer indispensable advice on sizing, architecture, performance, availability, monitoring, and metrics. Throughout, the authors share valuable tips, tricks, and insights from their own experiences. For each Microsoft application, they provide "proof of concept" sample configurations and clearly explain how new features impact virtualization. You'll also find authoritative, up-to-date guidance on licensing and other issues related to ensuring full support from both Microsoft and VMware. Coverage includes · Evaluating the benefits, risks, and challenges of virtualizing Microsoft business critical applications · Identifying strategies for success associated with people, processes, and technology · Reviewing VMware vSphere features most important to virtualizing business-critical applications · Taking advantage of new virtualization-aware features built in to Windows Server 2012 domain controllers · Designing and configuring vSphere High Availability (vSphere HA) clusters to run Windows enterprise applications · Reflecting Exchange Server 2013's new architecture to maximize its performance in virtualized environments · Leveraging new SQL Server 2012 features to simplify the delivery of high availability on virtual servers · Reducing SQL Server 2012 licensing costs through virtualization · Planning, designing, and deploying virtualized SharePoint Server 2013 environments

Exam Ref 70-339 Managing Microsoft SharePoint Server 2016 - Troy Lanphier 2016-10-10

Prepare for Microsoft Exam 70-339—and help demonstrate your real-world mastery of planning, configuring, and managing Microsoft SharePoint 2016 core technologies in datacenters, in the cloud, and in hybrid environments. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the skills measured on the exam: · Design SharePoint infrastructure · Plan authentication and security · Plan workload optimization · Plan productivity solutions · Manage search capabilities · Plan and configure cloud services · Monitor and optimize a SharePoint environment This Microsoft Exam Ref: · Organizes its coverage by the “Skills measured” posted on the exam webpage · Features strategic, what-if scenarios to challenge you · Provides exam preparation tips · Points to in-depth material by topic for exam candidates needing additional review · Assumes experience planning and maintaining SharePoint and related core technologies, including Windows Server 2012 R2 or later, Internet Information Services (IIS), Microsoft SQL Server 2014 or later, Active Directory, and networking infrastructure services

[Microsoft SharePoint Server 2019 and SharePoint Hybrid Administration](#) - Aaron Guilmette 2020-10-22

Manage your Microsoft 365 workloads between SharePoint Server and SharePoint Online using the SharePoint Hybrid configuration Key FeaturesExplore the collaborative features of SharePoint Server technologies using expert techniquesMigrate your Microsoft 365 workload and Teamwork services to SharePoint Online using a hybrid configurationLearn how to map traditional Microsoft services to a cloud service modelBook Description SharePoint Server is an on-premises collaboration and business productivity platform. It serves as a content management and web services platform, enabling users to create, publish, and discover content and applications and integrate with business systems. This SharePoint book offers complete, up-to-date coverage of the SharePoint Server 2019 interface to help you configure and deploy confidently from the start. With the help of clear and succinct explanations and expert tips, this book covers SharePoint Server and SharePoint Hybrid configuration as well as the process for migrating to Microsoft SharePoint Online. As the book takes you through strategies and techniques for configuring and managing SharePoint on-premises and hybrid scenarios, you’ll get to grips with the concepts essential for SharePoint deployments, such as authentication, Business Connectivity Services, and the data gateway. You’ll also explore migration methods and strategies. By the end of this book, you’ll have learned the fundamentals of deploying SharePoint Server 2019 and be able to use this reference guide for your administration tasks. What you will learnUnderstand how SharePoint Server technologies enable you to collaborateDeploy and configure SharePoint Server 2019Configure and manage SharePoint site collectionsManage data migration with SharePoint’s migration toolsExplore Business Connectivity Services (BCS) for working with external data sourcesGet to grips with the different types of authentication available in the SharePoint ecosystemWho this book is for Microsoft SharePoint Server 2019 and SharePoint Hybrid Administration is

targeted at entry-level SharePoint Server administrators who want to learn how to deploy and manage SharePoint farms, service applications, and connected data services.

[Beginning SQL Server 2012 Administration](#) - Robert Walters 2012-12-17

Beginning SQL Server 2012 Administration provides the essential skills and knowledge needed to begin a successful career as an SQL Server database administrator. It's an ideal book for those new to database administration, as well for those moving to SQL Server from other database brands such as Oracle and IBM DB2. SQL Server is more than just a database. It's situated within a larger context that includes solutions for reporting, for integrating data from other systems, for business intelligence and analysis, and more. Beginning SQL Server 2012 Administration paints the big picture to help you understand SQL Server's place in the grand scheme. Then you'll move into the nuts and bolts of installing the product, learning the management tools at your disposal, creating your first database, and maintaining that database in an ongoing state of readiness. Beginning SQL Server 2012 Administration goes beyond teaching just the core competencies of effective database administration. You will also learn the latest trends in SQL Server such as virtualizing and consolidating of servers, and using SQL Server in the cloud as a service. Administrators experienced on other platforms will find insight from comparisons of key features between SQL Server and other platforms. Beginning SQL Server 2012 Administration lays an excellent foundation for success as an SQL Server database administrator. Provides the essentials of successful SQL Server administration Covers the latest trends such as virtualization and cloud computing Paints the big picture of Microsoft's data platform

Microsoft SQL Server 2012 Management and Administration - Ross Mistry 2012-09-06

If you need to deploy, manage, or secure Microsoft SQL Server 2012, this is the complete, fast-paced, task-based reference you've been searching for. Authored by a worldclass expert on running SQL Server in the enterprise, this book goes far beyond the basics, taking on the complex tasks that DBAs need to make the most of Microsoft's first cloud-enabled database platform. Designed for maximum practical usability, it's packed with expert tips and up-to-date real-world configuration guidance you simply won't find anywhere else. As someone who helped influence the design of SQL Server 2012 and drawing on many months of beta testing, Ross Mistry provides immediately usable solutions for installation and upgrades, management and monitoring, performance and availability, security, consolidation, virtualization, troubleshooting, and more. Mistry identifies new features and corresponding best practices in every chapter, helping you take full advantage of new SQL Server innovations ranging from private cloud support to AlwaysOn Availability Groups. Understand how to: Efficiently install or upgrade the SQL Server 2012 database engine Administer and configure database engine settings, storage, I/O, and partitioning Transfer data on-premise or to the cloud Manage and optimize indexes Learn how to consolidate, virtualize and optimize SQL Server for Private Clouds Harden and audit SQL Server 2012 environments Administer security and authorization, including new Contained Databases Encrypt data and communications Design and deploy new AlwaysOn high-availability and disaster recovery features Implement maintenance best practices, including Policy-Based Management

[Microsoft System Center 2012 R2 Operations Manager Cookbook](#) - Steve Beaumont (MVP) 2015-04-14

If you are tasked with monitoring the IT infrastructure within your organization, this book demonstrates how System Center 2012 R2 Operations Manager offers a radical and exciting solution to modern administration.

[Virtualizing SQL Server with VMware](#) - Michael Corey 2014-07

Offers techniques, tips, and insights into squeezing maximum performance out of a virtualized database.

SQL Server 2016 High Availability Unleashed (includes Content Update Program) - Paul Bertucci 2017-07-28

Book + Content Update Program SQL Server 2016 High Availability Unleashed provides start-to-finish coverage of SQL Server's powerful high availability (HA) solutions for your traditional on-premise databases, cloud-based databases (Azure or AWS), hybrid databases (on-premise coupled with the cloud), and your emerging Big Data solutions. This complete guide introduces an easy-to-follow, formal HA methodology that has been refined over the past several years and helps you identify the right HA solution for your needs. There is also additional coverage of both disaster recovery and business continuity

architectures and considerations. You are provided with step-by-step guides, examples, and sample code to help you set up, manage, and administer these highly available solutions. All examples are based on existing production deployments at major Fortune 500 companies around the globe. This book is for all intermediate-to-advanced SQL Server and Big Data professionals, but is also organized so that the first few chapters are great foundation reading for CIOs, CTOs, and even some tech-savvy CFOs. Learn a formal, high availability methodology for understanding and selecting the right HA solution for your needs Deep dive into Microsoft Cluster Services Use selective data replication topologies Explore thorough details on AlwaysOn and availability groups Learn about HA options with log shipping and database mirroring/snapshots Get details on Microsoft Azure for Big Data and Azure SQL Explore business continuity and disaster recovery Learn about on-premise, cloud, and hybrid deployments Provide all types of database needs, including online transaction processing, data warehouse and business intelligence, and Big Data Explore the future of HA and disaster recovery In addition, this book is part of InformIT's exciting Content Update Program, which provides content updates for major technology improvements! As significant updates are made to SQL Server, 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 inside to learn how to register your book to access the FREE Web Edition.

Pro SQL Server 2005 High Availability - Allan Hirt 2007-09-01

This book comprehensively covers the technology, the people, the process, and the real-world best practices for planning, deploying, administering, and maintaining highly available SQL Server 2005 instances. It provides in-depth, detailed advice on what it takes to assure SQL Server high availability for businesses of any size. It covers both availability and performance, from the perspective of high availability, and addresses the crucial needs of enterprise-class, 24x7 SQL Server 2005 implementations. The book is based on real-world experience. It gives sound guidance to DBAs and system administrators on how to really get the job done.

Microsoft System Center Deploying Hyper-V with Software-Defined Storage & Networking - Mitch Tulloch 2015-03-12

Focused technical guidance from System Center experts Part of a series of specialized guidance on System Center--this book provides a single end-to-end resource on Microsoft's software-defined datacenter solution built upon Windows Server 2012 R2 Hyper-V and System Center 2012 R2 Virtual Machine Manager. The book walks you through a proof of concept (POC) deployment of a software-defined compute, storage, and networking infrastructure, starting from racking bare-metal servers through to the streamlined deployment of virtual machines.

[Pro SQL Server Administration](#) - Peter Carter 2015-11-16

Pro SQL Server Administration brings SQL Server administration into the modern era with strong coverage of hybrid cloud environments, In-Memory OLTP, and installation on Server Core. This comprehensive guide to SQL Server Administration for today's DBA helps you to administer the new and key areas of SQL Server, including Columnstore indexes and the In-Memory OLTP feature set introduced in 2014. You will also be guided through the administration of traditional areas of SQL Server, including how to secure your instance, monitor and maintain your instance, and to use features such as AlwaysOn to make your instance highly available. Also covered is the use of SQL Server features to scale out read-only workloads. Pro SQL Server Administration is an all-new book taking up-to-date and modern approach that you'll want and need to further your career as a SQL Server database administrator. Extensive coverage of hybrid cloud environments involving Azure SQL Database Detailed discussions on all new, key features, including AlwaysOn and in-memory support Comprehensive coverage of key skills, such as monitoring, maintenance and indexing

Professional SharePoint 2013 Administration - Shane Young 2013-04-08

SharePoint admin author gurus return to prepare you for working with the new features of SharePoint 2013! The new iteration of SharePoint boasts exciting new features. However, any new version also comes with its fair share of challenges and that's where this book comes in. The team of SharePoint admin gurus

returns to presents a fully updated resource that prepares you for making all the new SharePoint 2013 features work right. They cover all of the administration components of SharePoint 2013 in detail, and present a clear understanding of how they affect the role of the administrator. Compares and contrasts

SharePoint 2013 to earlier versions Helps make your SharePoint 2013 installation smooth and successful
Addresses managing customizations Looks at SharePoint 2013 for Internet sites Includes an introduction to SQL Server 2012 Professional SharePoint 2013 Administration enhances your SharePoint skill set and immerses you in the new content of the platform.