

Clustering Windows Servers A Road Map For Enterprise Solutions

Computational Science - ICCS 2007
 Building High Availability Windows Server 2003 Solutions
 Mastering Windows Server 2016 Hyper-V
 Microsoft Windows Home Server Unleashed, e-Pub
 Introduction to Microsoft Windows NT Cluster Server
 Mastering Microsoft Virtualization
 Optimizing and Troubleshooting Hyper-V Storage
 Introducing Microsoft SQL Server 2019
 Mastering Windows Server 2019
 Computerworld
 Windows Server 2003 Clustering & Load Balancing
 Computerworld
 Windows NT Microsoft Cluster Server
 Windows Server 2003 Clustering And Load Balancing
 Microsoft Hyper-V Cluster Design
 Network World
 Introducing Windows Server 2012 R2
 Introduction to Microsoft Windows NT Cluster Server
 Windows Server 2012 Hyper-V Installation and Configuration Guide
 Computerworld
 Microsoft System Center Deploying Hyper-V with Software-Defined Storage & Networking
 Mastering Windows Server 2016 Hyper-V
 Windows Server 2008 R2 and SQL Server 2008 R2 High Availability Clustering
 Clustering Windows Server
 Healthy SQL
 Mastering Windows Server 2022
 Pro SQL Server 2008 Failover Clustering
 MCSE: Planning, Implementing and Maintaining a Windows Server 2003 Environment for an MCSE Certified on Windows 2000 (Exam 70-296)
 Windows Server 2012: Up and Running
 Clustering Windows 2000
 InfoWorld
 Windows Server 2008 Bible
 Windows Server 2008 R2 Failover Cluster
 Windows Server 2008 R2 Hyper-V
 Microsoft SQL Server 2008 High Availability with Clustering & Database Mirroring
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 Microsoft Windows Home Server 2011 Unleashed
 Computerworld

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Computational Science - ICCS 2007 Packt Publishing Ltd
 "This is the definitive resource for every network administrator, consultant, and architect who needs to maximize availability, scalability, and performance in Windows server environments."
 "Shapiro and Policht offer a clear, concise roadmap for keeping Windows servers running 24x7 and delivering on even the most challenging service-level agreement. They provide real-world case studies and easy-to-use instruction designed to help readers make better decisions more rapidly."--BOOK JACKET.
Building High Availability Windows Server 2003 Solutions Packt Publishing Ltd
 Buku ini menjelaskan bagaimana implementasi Failover Cluster pada OS Windows Server 2008 R2 secara singkat dan step-by-step. Secara garis besar, topik yang dibahas dalam buku meliputi:
 * Mengenal Windows Server 2008 R2 * Windows Clustering * Planning dan Design Windows Failover Clustering * Persiapan Windows Failover Clustering * Instalasi dan Deployment Windows Failover Clustering * Deployment File Server Pada Windows Failover Clustering
Mastering Windows Server 2016 Hyper-V CRC Press
 For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.
Microsoft Windows Home Server Unleashed, e-Pub CRC Press
 Enhance and secure your datacenter with Microsoft Windows Server 2019 Key Features Updated with four new chapters on Active Directory, DNS and DHCP, group policy, and troubleshooting Design and implement Microsoft Server 2019 in an enterprise environment Learn how to use Windows Server to create secure and efficient networks Book Description Written by a nine-time Microsoft MVP award winner with over twenty years of experience working in IT, Mastering Windows Server 2019 is a hands-on guide for anyone looking to keep their skills up to date. This third edition comes with four new chapters to provide you with the in-depth knowledge needed to implement and use this operating system in any environment. Centralized management, monitoring, and configuration of servers are key to an efficient IT department. This book delves into multiple methods for quickly managing all your servers from a single pane of glass' — the ability to monitor different servers across a network using Server Manager, Windows PowerShell, and even Windows Admin Center

— from anywhere. Despite the focus on Windows Server 2019 LTSC, you will still explore containers and Nano Server, which are more related to the SAC of server releases. This additional coverage will give you insights into all aspects of using Windows Server 2019 in your environment. This book covers a range of remote access technologies available in this operating system, teaches management of PKI and certificates, and empowers you to virtualize your datacenter with Hyper-V. You will also discover the tools and software included with Windows Server 2019 that assist in the inevitable troubleshooting of problems that crop up. What you will learn Work with Server Core and Windows Admin Center Secure your network and data with modern technologies in Windows Server 2019 Understand containers and understand when to use Nano Server Discover new ways to integrate your datacenter with Microsoft Azure Reinforce and secure your Windows Server Virtualize your datacenter with Hyper-V Explore Server Manager, PowerShell, and Windows Admin Center Centralize your information and services using Active Directory and Group Policy Who this book is for If you are a system administrator or an IT professional designing and deploying Windows Server 2019, this book is for you. It will be particularly useful for sysadmins who've worked with older versions of Microsoft Server or those who want to stay up to date with new developments. Prior experience with Windows Server operating systems and familiarity with networking concepts is a must. [Introduction to Microsoft Windows NT Cluster Server](#) Microsoft Windows Server Syste
 Covers the newest version of WHS! This is the most comprehensive, practical, and useful guide to the brand-new version of Windows Home Server 2011. Paul McFedries doesn't just cover all facets of running Windows Home Server: He shows how to use it to simplify everything from file sharing to media streaming, backup to security. With real-world examples, McFedries guides you through using new features ranging from the Dashboard and Launchpad to Remote Web Access and Alert Viewer. You'll find network configurations and step-by-step solutions you can easily understand and use, even if you have no server experience. Then, when you're ready, McFedries reveals how Home Server's hidden business-class features can help you save more time and get even better performance. Packed with exclusive tips and tricks, this go-to guide will help you every step of the way...as you create a home network that does more and runs perfectly! Quickly set up networks, user accounts, devices, and storage Add any computer to your network: Windows 7, Vista, XP, Mac, or Linux Efficiently share folders, files, and digital media Set up passwords and users and protect your sensitive information Reliably automate backups, so you never lose an important file Centrally manage all your storage, so you never

have to buy more than you need Stream and share your digital images, audio, and video—even on your Xbox 360 or other devices Use Home Server's built-in web server to create powerful, flexible websites Use Windows SharePoint Foundation to help everyone coordinate their busy lives Automatically apply up-to-date security fixes to all your Windows computers Remotely access your content from any Internet-connected computer—safely and securely Use Home Server power tools, including Local Group Policy Editor, Computer Management snap-ins, and scripting Efficiently monitor, maintain, tune, and troubleshoot Windows Home Server
Mastering Microsoft Virtualization Packt Publishing Ltd
 Learn to implement clustering and load balancing solutions with Windows 2000 and Windows Server 2003, and deliver nearly 100 percent uptime. With a focus on real world production-based problems, the author delivers detailed high availability solutions that will give you the tools to roll out and troubleshoot these technologies.

Optimizing and Troubleshooting Hyper-V Storage John Wiley & Sons

Explore the impressive storage and analytic tools available with the in-cloud and on-premises versions of Microsoft SQL Server 2019. Key FeaturesGain insights into what's new in SQL Server 2019Understand use cases and customer scenarios that can be implemented with SQL Server 2019Discover new cross-platform tools that simplify management and analysisBook Description Microsoft SQL Server comes equipped with industry-leading features and the best online transaction processing capabilities. If you are looking to work with data processing and management, getting up to speed with Microsoft Server 2019 is key. Introducing SQL Server 2019 takes you through the latest features in SQL Server 2019 and their importance. You will learn to unlock faster querying speeds and understand how to leverage the new and improved security features to build robust data management solutions. Further chapters will assist you with integrating, managing, and analyzing all data, including relational, NoSQL, and unstructured big data using SQL Server 2019. Dedicated sections in the book will also demonstrate how you can use SQL Server 2019 to leverage data processing platforms, such as Apache Hadoop and Spark, and containerization technologies like Docker and Kubernetes to control your data and efficiently monitor it. By the end of this book, you'll be well versed with all the features of Microsoft SQL Server 2019 and understand how to use them confidently to build robust data management solutions. What you will learnBuild a custom container image with a DockerfileDeploy and run the SQL Server 2019 container imageUnderstand how to use SQL server on LinuxMigrate existing paginated reports to Power BI Report ServerLearn to query

Hadoop Distributed File System (HDFS) data using Azure Data Studio. Understand the benefits of In-Memory OLTP. Who this book is for: This book is for database administrators, architects, big data engineers, or anyone who has experience with SQL Server and wants to explore and implement the new features in SQL Server 2019. Basic working knowledge of SQL Server and relational database management system (RDBMS) is required.

Introducing Microsoft SQL Server 2019 John Wiley & Sons
 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.
Mastering Windows Server 2019 XP Solution Surabaya
 If Windows Server 2003 can do it, you can do it, too... This comprehensive reference provides what you need to plan, install, configure, and maintain a Windows Server 2003 R2, SP1, operating system. Covering critical new SP1 security features, the new Windows Update service, and expanded Active Directory management tools, the latest edition of this guide is packed with information, including key changes that alter the way the powerful Windows Server 2003 operating system is installed, configured, and maintained. Improve security, extend your corporate network, optimize e-mail, chat, and other communications, and more - this book will show you how. Inside, you'll find complete coverage of Windows Server 2003 Plan your Windows Server 2003 R2, SP1, single-system or enterprise deployment Find out the best ways to secure the network, including encryption, secure sockets, Kerberos, and other certificates Protect your corporate network automatically with new Windows Update Service Extend the enterprise network to branch offices with enhanced Active Directory management tools Facilitate change control over users, computers, security, and the workspace, using Group Policy technology Develop an effective storage, backup, and disaster recovery strategy Implement scalable solutions that stay up and online day after day, and still handle disasters Explore thin-client deployment, set up Terminal Services, and configure application servers Stay on top of printer management, Internet printing, and troubleshooting Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Computerworld Elsevier

"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.

Windows Server 2003 Clustering & Load Balancing Pearson Education

Windows Server 2008 R2 & SQL Server 2008 R2 High Availability Clustering (Project Series) If you're looking for a book that takes the latest Microsoft and iSCSI SAN high availability technologies and puts them all together into one step by step project, then this book is for you! The world of high availability and clustering is evolving faster than ever and is definitely a very exciting place to be. Windows Server 2008 R2 & SQL Server 2008 R2 have opened up the world of high availability, clustering, virtualization, live migration and failover technologies to the small and medium size companies by including it with the server's license. Accompany this new software technology with multi-core processors and you have a very powerful and cost effective combination by being able to run many redundant virtual machines across a few physical servers. Once you've finished reading this book you will be able to build highly available environments from the ground up for any of your complex application servers that you need redundant ASAP. You will gain praise from your company by increasing their uptime and productivity, while at the same time greatly reducing your burden of maintenance by being able to

update critical application servers at any time. This book guides the IT novice to the professional from start to finish in building a complex and highly available system for their real world enterprise applications. Microsoft's new technology is complex and needs to be put together in a chronological order where by each new part is built upon its prerequisites. To build a truly high performance and fully redundant system the author will guide you through designing and building each part of your environment from your iSCSI network, SAN disk layout, to your Windows and SQL clusters. Once you have your highly available foundation in place the author spends considerable time guiding you through how to deploy your enterprise applications into your new cluster environment. By utilizing Microsoft's Network Load Balancer (NLB), SQL Reporting Services Scale-out Deployment (SSRS), and Windows clusters for generic applications and services you will be able to make most any enterprise application highly available. The book's project covers step by step how to deploy Microsoft Dynamics CRM 4.0 into a clustered environment as a real world example. Once complete with the creation of your highly available environment you will have virtual machines that can live migrate between physical hosts, redundant database servers, network load balanced front-end servers, highly available reports and a completely redundant iSCSI network in place. You will learn how to Build & Configure the following technologies Step by Step in this book.* iSCSI Multi-path Input/Output (MPIO) technology * iSCSI Switches & SAN's for High Performance & Redundancy * SAN Disk Layout for High Performance Clustering* Windows Server 2008 & R2 Clusters * Windows Live Migration Clusters with Clustered Shared Volume (CSV) Disks* SQL 2008 & R2 Clusters* SQL Disks for High Performance* SQL Reporting Services Scale-out Deployments for High Availability* Windows Network Load Balancer (NLB) Clusters* Windows Clusters for Third Party Applications & Services * Deploying Enterprise Applications into a Clustered Environment* Deploying Microsoft Dynamics CRM 4.0 into a Clustered Environment* CRM 4.0 Security, Reporting, Internet Facing Deployment (IFD), Email Router for High Availability WWW.SCREAMPUBLICATIONS.COM

Computerworld Pearson Education

Part of a four-volume set, this book constitutes the refereed proceedings of the 7th International Conference on Computational Science, ICCS 2007, held in Beijing, China in May 2007. The papers cover a large volume of topics in computational science and related areas, from multiscale physics to wireless networks, and from graph theory to tools for program development.

Windows NT Microsoft Cluster Server John Wiley & Sons

This is the most comprehensive, practical, and useful guide to Windows Home Server, including Microsoft's major updates in PowerPacks 1, 2, and 3. Top Windows expert Paul McFedries brings together tips, techniques, and shortcuts available nowhere else and presents them all in plain English for every Windows Home Server user. McFedries covers all facets of running Windows Home Server: configuration, file/folder sharing, networking, media streaming and sharing, backup/restore, monitoring, Web and SharePoint site deployment, performance optimization, maintenance, and customization. He thoroughly addresses Windows Home Server's new Windows 7 support, as well as major improvements in areas ranging from remote access to storing TV recordings. This edition presents comprehensive, up-to-the-minute guidance on Windows Home Server security, plus a full section of advanced solutions utilizing Microsoft's power tools, the command line, and automated scripting. Throughout, McFedries demonstrates key techniques through real-world examples and presents practical configurations you can easily use in your own home. Detailed information on how to... Set up Windows Home Server networks, user accounts, devices, and storage Integrate with Windows 7's new file libraries, backup/recovery tools, and Windows Search 4.0 Efficiently share folders, files, and digital media Ensure security for both local and remote users Automatically back up and restore all the computers on your home network Quickly set up web and SharePoint sites Tune, maintain, and troubleshoot Windows Home Server Use the new Remote Access Configuration and Repair Wizards

Windows Server 2003 Clustering And Load Balancing Pearson Education

Mastering cluster technology-the linking of servers-is becoming increasingly important for application and system programmers and network designers, administrators, and managers. With Microsoft's Windows NT cluster server being the first to tie cluster technology with a major operating system, it appears destined to take a leadership position in the industry. Introduction to Microsoft Windows NT Cluster Server provides all you need to know to develop your abilities for this essential technology. The author provides both introductory and advanced material focused on the three basic functions: fault tolerant computing (failover), load balancing, and centralized administration and monitoring. He guides the reader from the basics of cluster servers, through Microsoft's cluster server set-up, communication, programming, and administration. Written for professionals who are familiar with the Windows NT operating system and have programming experience, Introduction to Microsoft Windows NT Cluster Server contains information instrumental in helping you achieve zero downtime.

Microsoft Hyper-V Cluster Design John Wiley & Sons

This version of the Server Bible will be the largest yet, catering to what is certainly the most advanced operating system introduced by Microsoft. The book will cater to the needs of the server administration community and will be designed to be a critical reference. The book will extensively cover the most notable new feature of Windows Server known as the "Server Core." Server Core is a significantly scaled-back installation where no graphical shell (explorer.exe) is installed, and all configuration and maintenance is done entirely through the command-line windows, or by connecting to the machine remotely using Microsoft Management Console. Server Core will also not include the .NET Framework, Internet Explorer or many other features not related to core server features. A Server Core machine can be configured for four basic roles: Domain controller, DNS Server, DHCP Server, and file server. Chapters on setup and installation will also cover the new componentized operating system Image-based setup and deployment tools, using WIM. In addition to the already extensive Active Directory support this book will now fully cover the "Read-Only Domain Controller" operation mode in Active Directory, intended for use in branch office scenarios where a domain controller may reside in a low physical security environment, was introduced in Windows Server 2003 R2 and will be extended in the 2008 version. Chapters covering policy-based networking, branch management and enhanced end user collaboration will be extended. Windows Server 2008 will also ship Internet Information Services 7 and the current chapters on IIS will thus be extended. Coverage of Windows SharePoint Services 3.0 will also be introduced into this part of the book. We will also include coverage of the improved hot patching technology, which is a feature that allows non-kernel patches to occur without the need for a reboot. A significantly upgraded Terminal Services component, supporting RDP 6.0. will be covered in the chapter on terminal services. The most notable improvement is the ability to share a single application over a Remote Desktop connection, instead of the entire desktop. This will be added to an already extended chapter on this remote access technology. In addition to these new features the book will also carry over existing features brought over from (SP1/R2) of Server 2003. These include covering of new security features of the operating system, Group Policy management, change control and service level, and administration practices.

Network World Apress

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Introducing Windows Server 2012 R2 Screampublications.com

An IT decision-maker's roadmap to creating scalable and reliable Windows 2000 and Windows NT systems. Clustering Windows 2000 explains clustering technology from the perspective of Microsoft's new Windows 2000 operating system and the IT professionals that use it. It clarifies the relationship between PC hardware and Windows 2000 and Windows NT, interactions crucial to clustering. However, more than teaching technology, the book provides a unique framework by which readers can evaluate their organizations' own clustering needs and assess the many clustering products and solutions for Windows produced by Microsoft and by third-party vendors. Clustering Windows 2000 enables IT professionals to create a highly effective clustering strategy that can grow with their organizations' needs and accommodate ongoing developments in clustering technology. This unique book helps system designers and IT managers understand the products and technologies they can use to create "clusters" of computers running Windows 2000 and Windows NT. "Clusters," integrated groups of computers, are relatively new to the Windows operating system and yet are a crucial technology enabling Windows-based systems to support truly enterprise-caliber programs. Defines basic clustering terms and concepts from a Windows 2000 perspective Provides a blueprint for creating a Windows 2000 or Windows NT strategy and evaluating clustering products from third parties and from Microsoft Covers Windows 2000 clustering from both a hardware and software viewpoint

Introduction to Microsoft Windows NT Cluster Server Ilmu Data Publisher

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Windows Server 2012 Hyper-V Installation and Configuration Guide Springer Science & Business Media

NOTE: This title is also available as a free eBook on the Microsoft Download Center. It is offered for sale in print format as a convenience. Get a head start evaluating Windows Server 2012 R2 - with technical insights from a Microsoft MVP and members of the Windows Server product team. Based on final Windows Server 2012 R2 release-to-manufacturing (RTM) software, this guide

introduces new features and capabilities, with scenario-based advice on how the platform can meet the needs of your business. Get the high-level overview you need to begin preparing your deployment now. Coverage includes: Server virtualization and cloud solutions Availability and scalability Provisioning and storage management Security features, access, and data protection Infrastructure options Server management and automation

Computerworld Microsoft Press

Go-to guide for using Microsoft's updated Hyper-V as a virtualization solution Windows Server 2012 Hyper-V offers greater scalability, new components, and more options than ever

before for large enterprises and small/medium businesses. Windows Server 2012 Hyper-V Installation and Configuration Guide is the place to start learning about this new cloud operating system. You'll get up to speed on the architecture, basic deployment and upgrading, creating virtual workloads, designing and implementing advanced network architectures, creating multitenant clouds, backup, disaster recovery, and more. The international team of expert authors offers deep technical detail, as well as hands-on exercises and plenty of real-world scenarios, so you thoroughly understand all features and how best to use them. Explains how to deploy, use, manage, and maintain the

Windows Server 2012 Hyper-V virtualization solutions in large enterprises and small- to medium-businesses Provides deep technical detail and plenty of exercises showing you how to work with Hyper-V in real-world settings Shows you how to quickly configure Hyper-V from the GUI and use PowerShell to script and automate common tasks Covers deploying Hyper-V hosts, managing virtual machines, network fabrics, cloud computing, and using file servers Also explores virtual SAN storage, creating guest clusters, backup and disaster recovery, using Hyper-V for Virtual Desktop Infrastructure (VDI), and other topics Help make your Hyper-V virtualization solution a success with Windows Server 2012 Hyper-V Installation and Configuration Guide.

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