



Quick answers to common problems

# Microsoft SQL Server 2012 Performance Tuning Cookbook

80 recipes to help you tune SQL Server 2012 and achieve  
optimal performance

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# Microsoft Sql Server 2012 Performance Tuning

## Cookbook

**Sajal Dam**

## **Microsoft Sql Server 2012 Performance Tuning Cookbook:**

**Microsoft SQL Server 2012 Performance Tuning Cookbook** Ritesh Shah,2012-07-26 Over 80 recipes to help you tune SQL Server 2012 and achieve optimal performance    *Microsoft SharePoint 2013 Disaster Recovery Guide* Peter Ward,Peter Abreu,Pavlo Andrushkiw,Pat Esposito,Jeff Gellman,Joel Plaut,2013-09-25 The style and approach of the book is an easytoread SharePoint admin guide This is not a stepbystep instruction book but rather a guide on how to implement and execute a disaster recovery plan to your SharePoint environment This book is great for both SharePoint and SQL administrators new to the SharePoint 2013 architecture and who are looking to get a good grounding in how to use implement a solid disaster recoveryrecovery plan It s assumed that you have some experience in SharePoint and Windows Server and as well be familiar with SQL

## **SQL Server 2012 Query Performance Tuning** Grant Fritchey,Sajal

Dam,2013-11-19 Queries not running fast enough Tired of the phone calls from frustrated users Grant Fritchey s book SQL Server 2012 Query Performance Tuning is the answer to your SQL Server query performance problems The book is revised to cover the very latest in performance optimization features and techniques It is current with SQL Server 2012 It provides the tools you need to approach your queries with performance in mind SQL Server 2012 Query Performance Tuning leads you through understanding the causes of poor performance how to identify them and how to fix them You ll learn to be proactive in establishing performance baselines using tools like Performance Monitor and Extended Events You ll learn to recognize bottlenecks and defuse them before the phone rings You ll learn some quick solutions too but emphasis is on designing for performance and getting it right and upon heading off trouble before it occurs Delight your users Silence that ringing phone Put the principles and lessons from SQL Server 2012 Query Performance Tuning into practice today Establish performance baselines and monitor against them Troubleshoot and eliminate bottlenecks that frustrate users Plan ahead to achieve the right level of performance

## **Microsoft SQL Server 2012 T-SQL Fundamentals** Itzik Ben-Gan,2012-04-15

Apply powerful window functions in T SQL and increase the performance and speed of your queries Optimize your queries and obtain simple and elegant solutions to a variety of problems using window functions in Transact SQL Led by T SQL expert Itzik Ben Gan you ll learn how to apply calculations against sets of rows in a flexible clear and efficient manner Ideal whether you re a database administrator or developer this practical guide demonstrates ways to use more than a dozen T SQL querying solutions to address common business tasks Discover how to Go beyond traditional query approaches to express set calculations more efficiently Delve into ordered set functions such as rank distribution and offset Implement hypothetical set and inverse distribution functions in standard SQL Use strategies for improving sequencing paging filtering and pivoting Increase query speed using partitioning ordering and coverage indexing Apply new optimization iterators such as Window Spool Handle common issues such as running totals intervals medians and gaps

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book that provides step by step instructions on how to accomplish specific SQL Server tasks using PowerShell Each recipe is followed by an analysis of the steps or design decisions taken and additional information about the task at hand Working scripts are provided for all examples so that you can dive in right away You can read this book sequentially by chapter or you can pick and choose which topics you need right away This book is written for the SQL Server database professional DBA developer BI developer who wants to use PowerShell to automate integrate and simplify database tasks A little bit of scripting background is helpful but not necessary

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*SQL Server Query Performance Tuning* Grant Fritchey,2014-09-16 Queries not running fast enough Wondering about the in memory database features in 2014 Tired of phone calls from frustrated users Grant Fritchey s book SQL Server Query Performance Tuning is the answer to your SQL Server query performance problems The book is revised to cover the very latest in performance optimization features and techniques especially including the newly added in memory database features formerly known under the code name Project Hekaton This book provides the tools you need to approach your queries with performance in mind SQL Server Query Performance Tuning leads you through understanding the causes of poor performance how to identify them and how to fix them You ll learn to be proactive in establishing performance baselines using tools like Performance Monitor and Extended Events You ll learn to recognize bottlenecks and defuse them before the phone rings You ll learn some quick solutions too but emphasis is on designing for performance and getting it right and upon heading off trouble before it occurs Delight your users Silence that ringing phone Put the principles and lessons from SQL Server Query Performance Tuning into practice today Covers the in memory features from Project Hekaton Helps establish performance baselines and monitor against them Guides in troubleshooting and eliminating of bottlenecks that frustrate users

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[\*\*Microsoft SQL Server 2012 Integration Services\*\*](#) Reza Rad,Pedro Perfeito,2012-01-01 Over 100 expert recipes to design create and deploy SSIS packages with this book and ebook

**SQL Server Advanced Troubleshooting and Performance Tuning** Dmitri Korotkevitch,2022-05-13 This practical book provides a comprehensive overview of troubleshooting and performance tuning best practices for Microsoft SQL Server Database engineers including database developers and administrators will learn how to identify performance issues troubleshoot the system in a holistic fashion and properly prioritize tuning efforts to attain the best system performance possible Author Dmitri Korotkevitch Microsoft Data Platform MVP and Microsoft Certified Master MCM explains the interdependencies between SQL Server database components You ll learn how to quickly diagnose your system and discover the root cause of any issue Techniques in this book are compatible with all versions of SQL Server and cover both on premises and cloud based SQL Server installations Discover how performance issues present themselves in SQL Server Learn about SQL Server diagnostic tools methods and technologies Perform health checks on SQL Server installations Learn the dependencies between SQL Server components Tune SQL Server to improve performance and reduce bottlenecks Detect poorly optimized queries and inefficiencies in query execution plans Find inefficient indexes and common database design issues Use these techniques with Microsoft Azure SQL databases Azure SQL Managed Instances and Amazon RDS for SQL Server

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