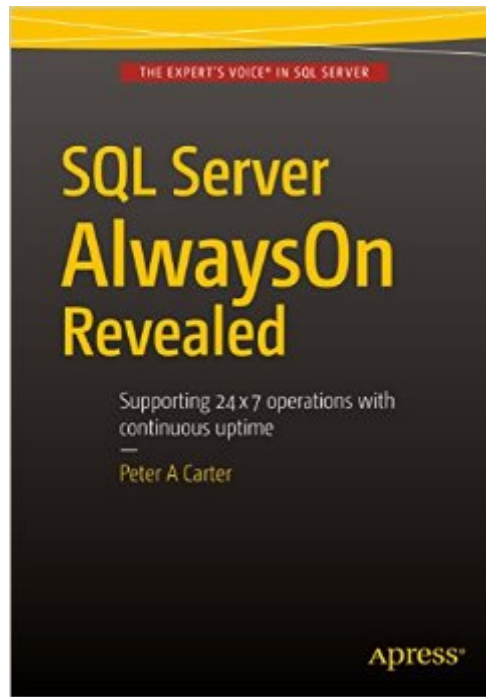


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# SQL Server AlwaysOn Revealed



## Synopsis

Get a fast start tousing AlwaysOn, the SQL Server solution to high-availability anddisaster recovery. Read this short, 150-page book that is adapted from PeterCarterâ™s Pro SQL Server AdministrationÂ to gain a solid and accurateunderstanding of how to implement systems requiring consistent and continuousuptime.Begin with anintroduction to high-availability and disaster recovery concepts such asRecovery Point Objectives (RPOs), Recovery Time Objectives (RTO), availabilitylevels, and the cost of downtime. Then move into detailed coverage ofimplementing and configuring the AlwaysOn feature set in order to meet thebusiness objectives set by your organization.SQL Server AlwaysOn Revealed offers real-world advice on how to build andconfigure the most appropriate topology to meet the high-availability anddisaster recovery requirements you are faced with. Content includes strongcoverage on implementing clusters, on building AlwaysOn failover clusteredinstances, and on configuring AlwaysOn Availability Groups. This is a practicaland hand-on book to get you started quickly in using one of the most talked-aboutSQL 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 setWhat You Will Learn Understand high availability and disaster recovery concepts and terminology. Understand the technologies available, to implement HA and DR. Build and configure a Windows Cluster. Build and configure an AlwaysOn failover clustered instance. Implement AlwaysOn Availability Groups and appropriately configure them. Administer AlwaysOn technologies post implementation.Who This Book Is ForSQL Server AlwaysOn Revealed is for database administrators interested ingrowing their knowledge and skills in Microsoft SQL Serverâ™s high-availabilityand disaster recovery feature set.Â

## Book Information

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## Customer Reviews

Hi,I have written a detailed chapter-by-chapter review of this book on [www DOT i-programmer DOT info](http://www.DOT-i-programmer.DOT-info), the first and last parts of this review are given here. For my review of all chapters, search [i-programmer DOT info](http://www.DOT-i-programmer.DOT-info) for STIRK together with the book's title.This slim book is devoted to AlwaysOn, SQL Server's High Availability and Disaster Recovery solution and aims to show you how to use this technology to reduce or eliminate system downtime.The back cover says the book: "â€¦is adapted from Peter Carter's Pro SQL Server Administration...â€• This is something of an understatement, since the text is lifted straight from that book. Its six chapters of this book are Chapters 11, 12 and 13 of Pro SQL Server Administration. This book is also from Apress and when I reviewed it I awarded a 5-star rating concluding: "I've reviewed more than 30 SQL Server books over the last three years, and this is the best SQL Server administration book I've read.The book is aimed at DBAs, and perhaps curious developers. To get the most from this book you need some existing awareness of High Availability (HA), and Disaster Recovery (DR).Below is a chapter-by-chapter exploration of the topics covered.Chapter 1 High Availability and Disaster Recovery ConceptsThe book opens with a look at the levels of availability (i.e. uptime), measured with reference to the number of nines (e.g. 5 nines is 99.999% availability). The importance of Service-Level Agreements is noted, with their specified availabilities and financial penalties. The standard HA terms Recovery Point Objective (RPO " how much data loss is acceptable) and Recovery Time Objective (RTO " how long the application can be unavailable) are examined.

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