

1. Record Nr.	UNINA9910153099503321
Autore	Nevarez Benjamin
Titolo	High Performance SQL Server : The Go Faster Book / / by Benjamin Nevarez
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2016
ISBN	9781484222713 1484222717
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXII, 201 p. 54 illus., 42 illus. in color.)
Collana	The expert's voice in SQL
Disciplina	005.74
Soggetti	Database management Computer system failures Database Management System Performance and Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. How SQL Server Works -- 2. Analyzing Wait Statistics -- 3. The Query Store -- 4. SQL Server Configuration -- 5. tempdb Troubleshooting and Configuration -- 6. SQL Server In-Memory Technologies -- 7. Performance Troubleshooting -- 8. Indexing -- 9. SQL Server Storage.
Sommario/riassunto	Design and configure SQL Server instances and databases in support of high-throughput applications that are mission-critical and provide consistent response times in the face of variations in user numbers and query volumes. Learn to configure SQL Server and design your databases to support a given instance and workload. You'll learn advanced configuration options, in-memory technologies, storage and disk configuration, and more, all toward enabling your desired application performance and throughput. Configuration doesn't stop with implementation. Workloads change over time, and other impediments can arise to thwart desired performance. High Performance SQL Server covers monitoring and troubleshooting to aid in detecting and fixing production performance problems and minimizing application outages. You'll learn a variety of tools, ranging from the traditional wait analysis methodology to the new query store,

and you'll learn how improving performance is really an iterative process. High Performance SQL Server is based on SQL Server 2016, although most of its content can be applied to prior versions of the product. This book is an excellent complement to performance tuning books focusing on SQL queries, and provides the other half of what you need to know by focusing on configuring the instances on which mission-critical queries are executed. Covers SQL Server instance-configuration for optimal performance Helps in implementing SQL Server in-memory technologies Provides guidance toward monitoring and ongoing diagnostics.
