

SQL Server Performance Troubleshooting and Tuning

Course Description

In this all day pre-con, you will learn how to troubleshoot and tune performance issues. Microsoft Certified Master Keith Tate will walk you through the processes, tools and best practices for tuning queries and improving performance.

During this session, we will start off with a discussion about configuring your server using best practices for maximizing performance. We will also cover tempdb and how to configure it for better performance.

An in-depth discussion about indexes and statistics and how they can be used to solve common performance problems will take place. We will also be discussing the new filtered indexes and ColumnStore Indexes, along with best practices on maintaining your indexes.

Finally, we will discuss the native troubleshooting tools available in SQL Server. These tools include SQL Trace, Profiler, Extended Events, Performance Monitor, DMVs and more. Keith will show you how to use each tool to troubleshoot queries and performance issues. You will learn how to set up monitoring to catch problems before your users even report them.

About the Instructor

Keith Tate is a Microsoft Certified Master in SQL Server 2008 and a Senior Database Administrator with over 14 years of experience as a data professional. During Keith's professional career he has been a developer, DBA and data architect. Keith is also active in the SQL Server community and is currently the chapter leader of the Albuquerque SQL Server User Group.