



Oracle Performance Training Day with Kyle Hailey



The Training You *Need* at a Price You Can Afford!

Is there a *single* metric that summarizes database performance in a nutshell? If you knew what it was, you would watch it like a hawk, hour after hour and day after day, and you would use it to measure the effect of hardware upgrades, software upgrades, and other configuration changes. All your tuning efforts would be directed toward improving the number, and you would want to determine the effect of each user, each program, each application server, each table, and each SQL statement on the number.

If your database suddenly becomes sluggish, can you tap out a few commands and immediately pinpoint the culprit user, program, application server, table, or SQL statement? Can you do the same thing if the database was sluggish earlier in the day when you were not present?

If you want to learn how to quickly solve Oracle performance problems, come take advantage of a full day of training by Kyle Hailey on August 17 at the Carr America Conference Center in Pleasanton for only \$250—register by July 1 to receive an early bird price of \$195. The price includes continental breakfast, lunch, and a free copy of Oracle Wait Interface: A Practical Guide to Performance Diagnostics & Tuning, by Richmond Shee et al. It's the training you need, at a price you can afford!

Kyle Hailey is a regular speaker at NoCOUG conferences and needs very little introduction to NoCOUG members. He is a founding member of the Oak Table and co-author of Oracle Insights: Tales of the Oak Table, together with other NoCOUG regulars like Jonathan Lewis, Cary Millsap, and Gaja Krishna Vaidyanatha. He had a long and distinguished career at Oracle and designed the performance tuning module in Oracle Enterprise Manager 10g. Take a look at the topics he will cover on August 17.

1. **Proving the database is running smoothly**—The power of proving that the database is running smoothly is often underestimated in performance problem situations. If the database is running smoothly, then the problem is elsewhere, perhaps in the application code. Kyle will explain how to determine if there is a bottleneck in the database, or if the database is running smoothly, in three easy steps.

2. **Performance data collection tools**—How to collect the necessary data to analyze the performance of an Oracle database. An overview of performance data collections tools, including both Statspack and AWR, and practical examples of their use.

3. **Oracle wait events**—Oracle wait events are central to any good performance tuning methodology but are often misunderstood and undocumented. Kyle will explain the causes, show how to analyze, and provide solutions for the top wait events that represent 99% of the wait time in most databases.

4. **Top five wait events**—A step-by-step analysis and solution for the top five wait events. From a Statspack report to the final solution, see each step of analyzing and solving these wait events using real-life examples.

5. **Easy wait events**—One-step solutions when the performance data identifies these wait events as the problem.

6. **Difficult wait events**—Methods for analyzing and solving wait events when Statspack or AWR data are not enough.

7. **Sampling techniques**—The only way to solve the majority of wait bottlenecks is with a technique called sampling. Sampling can be done on any version of Oracle from version 7 onward, but is automated in Oracle 10g with the Active Sessions History feature (ASH).

8. **Active Session History**—Active Session History, often abbreviated as ASH, revolutionizes performance tuning by providing an unprecedented depth of analysis. See how the power of ASH can improve your life.

9. **ASH report**—The performance tool that is probably the least used, but is the most powerful one available.

10. **Oracle OEM 10g**—How the Oracle OEM 10g performance interface radically simplifies performance tuning and unifies all of the above techniques in one simple interface.

Register at www.nocoug.org. Seating is limited, so register early!