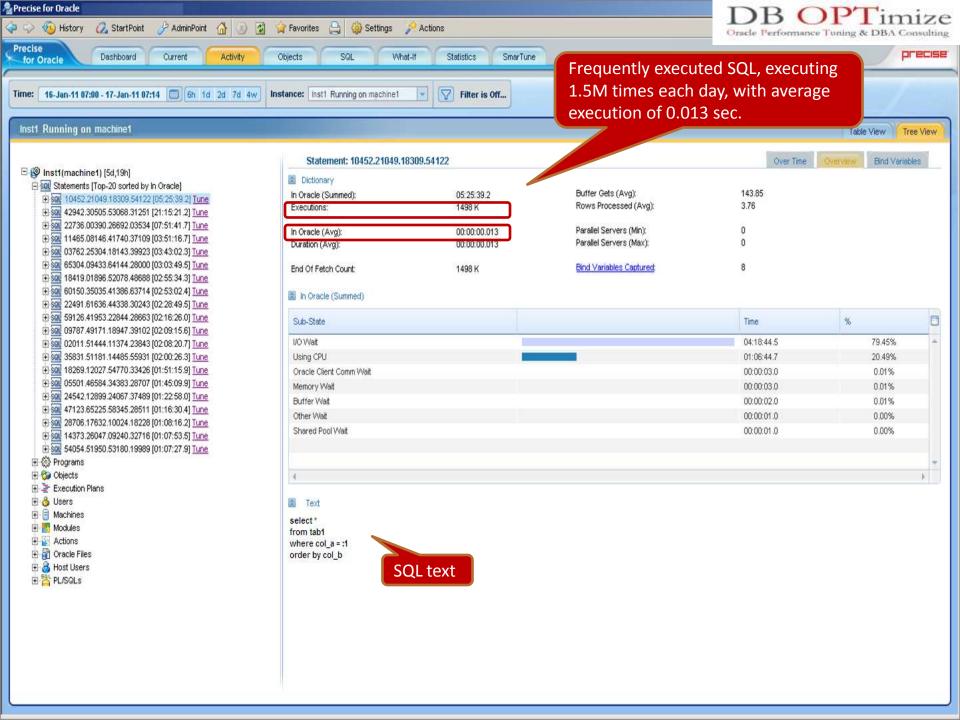
Case Study

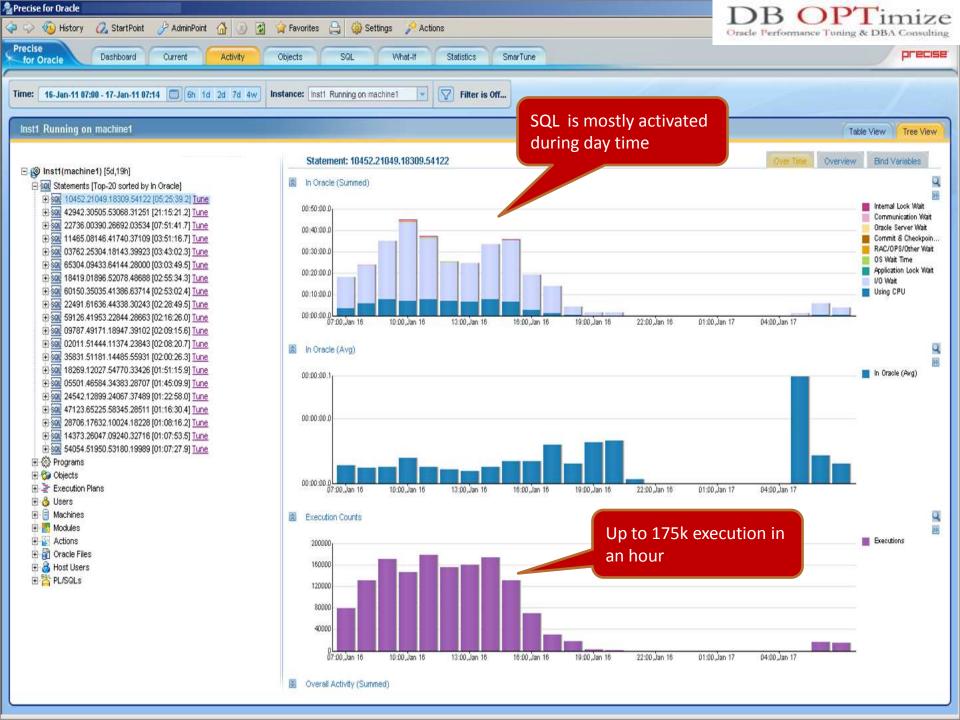
Tuning a Fast and Frequently Executed SQL

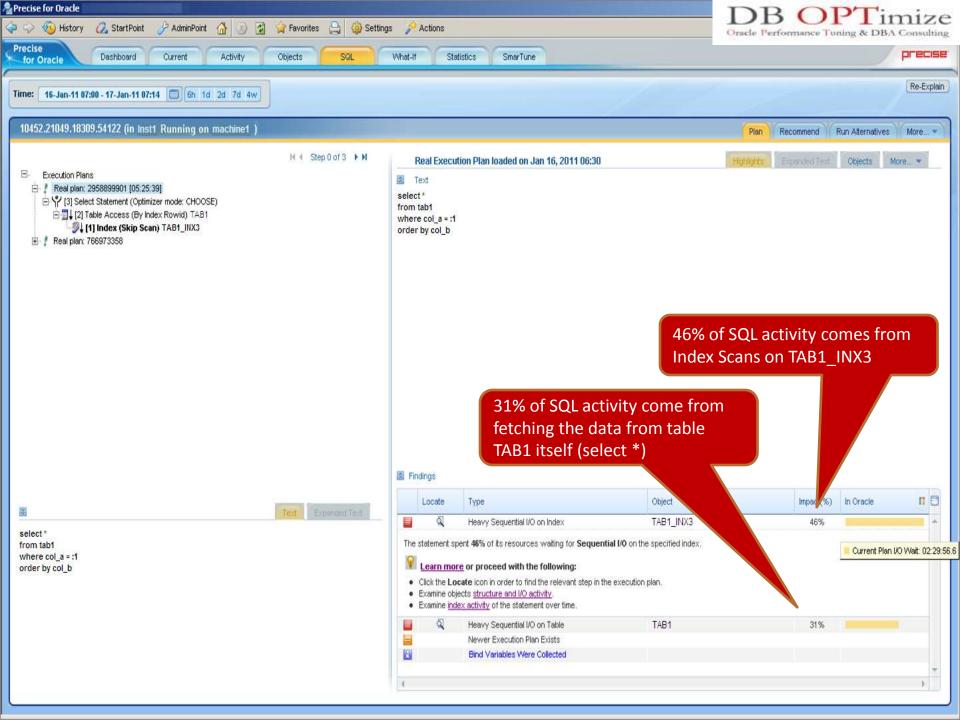


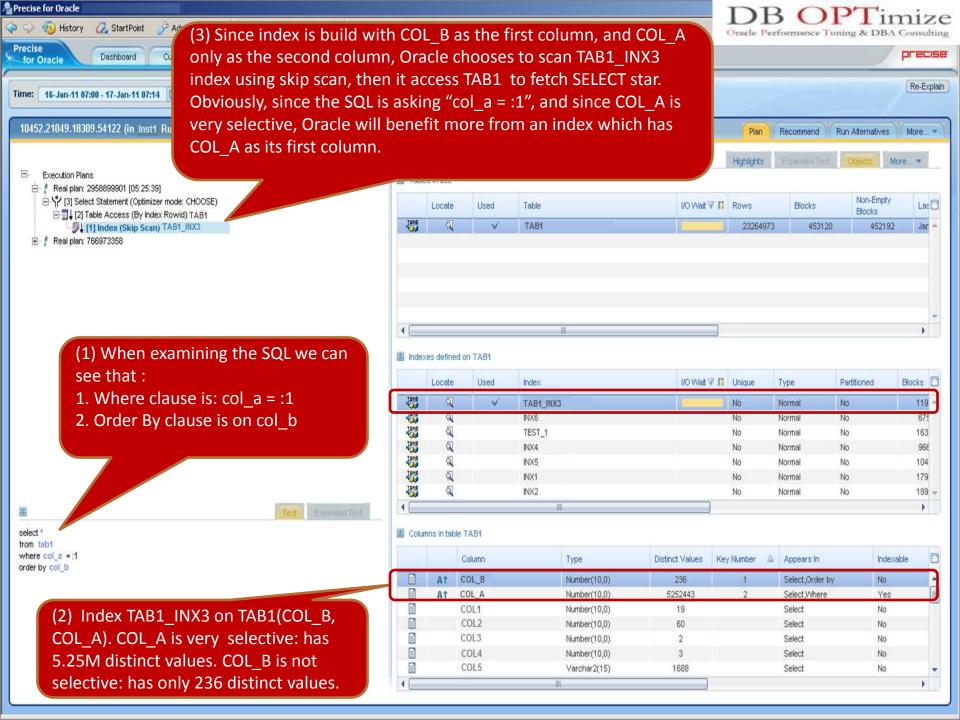
- One of the top 3 heaviest SQLs in customer's environment was a fast statement (average execution of **0.013 sec**) executed **1.5 million (!)** times each day.
- Obviously, due to its massive executions, even a small improvement in its execution should yield a huge performance improvement to it total resource consumption, and that is what I wanted to established.
- After I examined SQL's execution plan and used index, I found that the columns order of the index is not effective, therefore I have changed columns order, and managed to improve SQL's performance.
- Average execution went down from 0.013 sec to 0.005 sec => 2.6 times faster!
- As a result, since it was executed frequently, SQL's overall resource consumption went down dramatically.

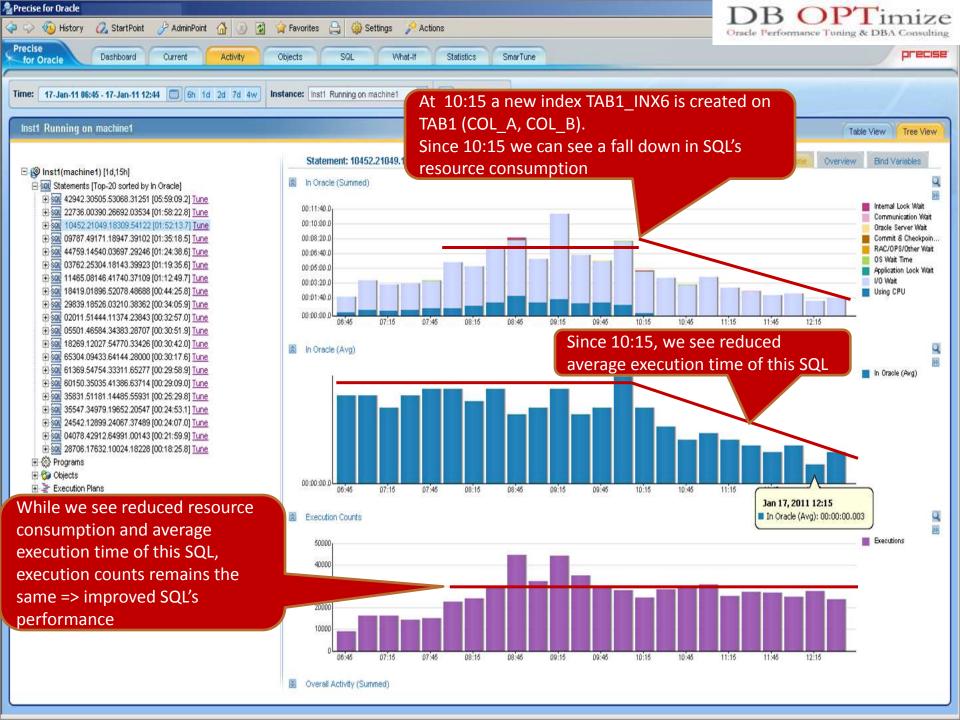


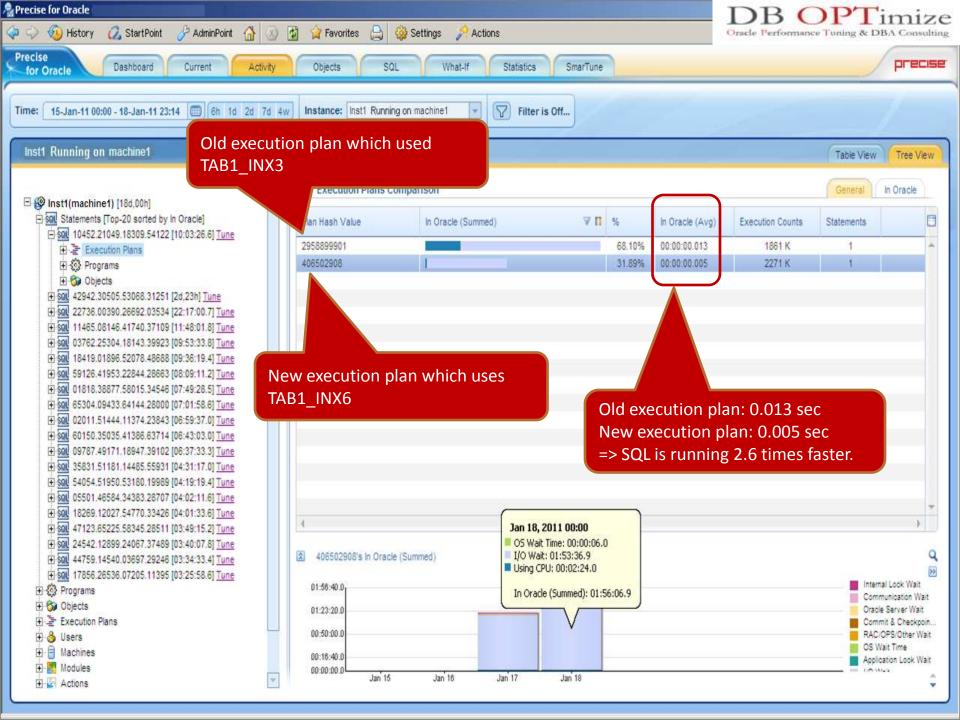


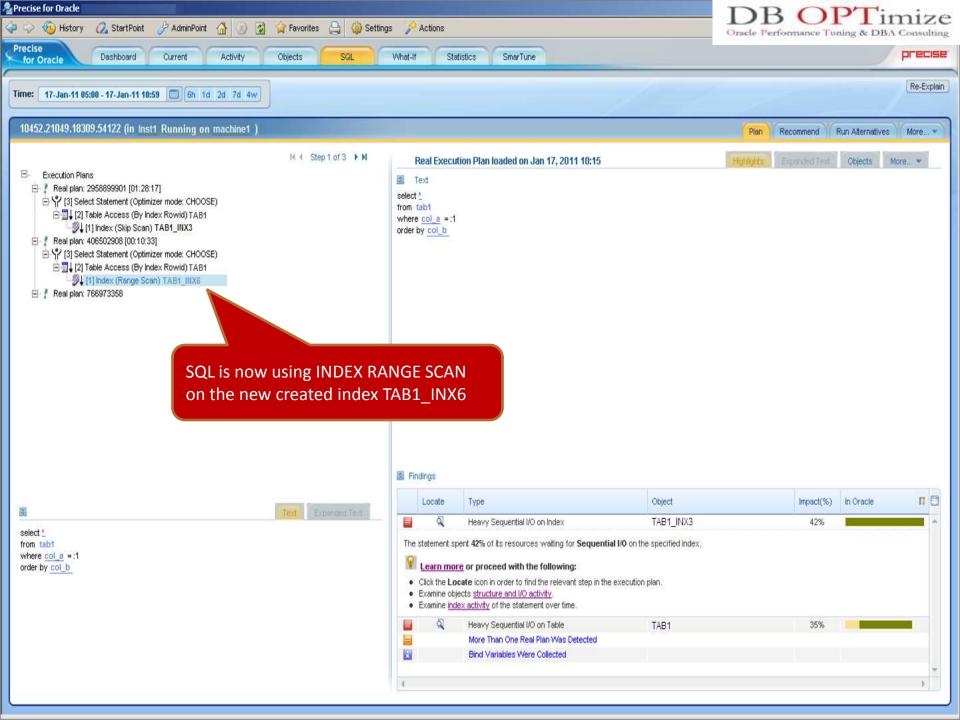


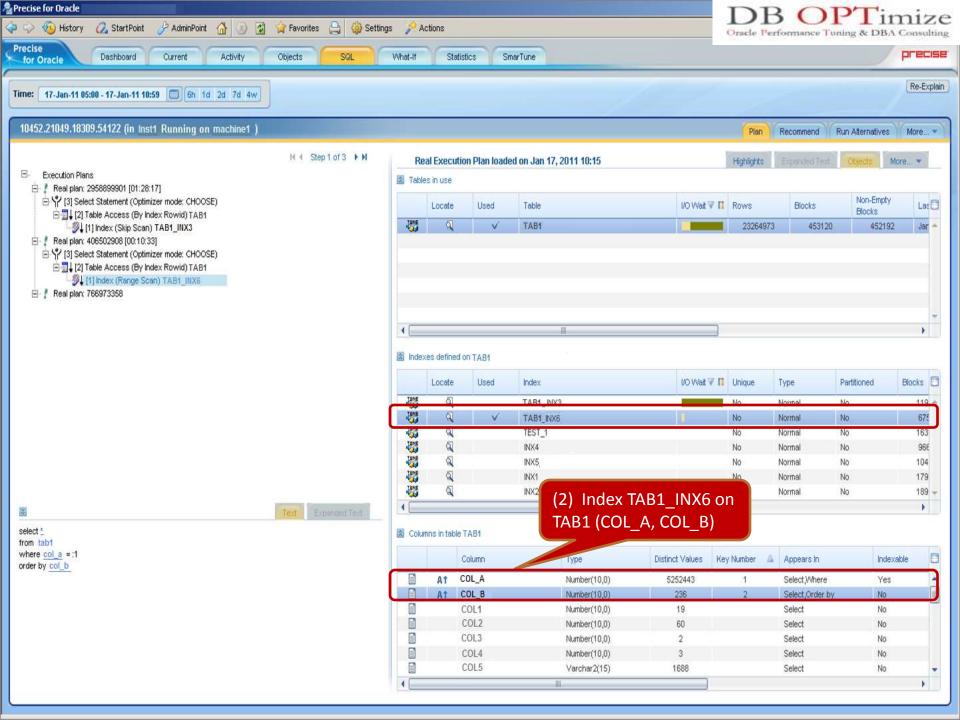














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