

# Finacle

## Performance Tuning

### OVERVIEW

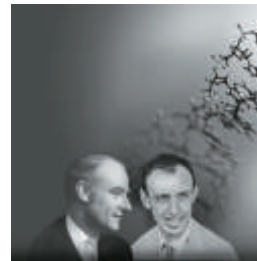
Finacle solutions empower banks to leverage agile new-generation technologies, in the areas of core banking, treasury, wealth management, consumer e-banking, corporate e-banking, mobile banking and web-based cash management. When deployed in the centralized mode, the database availability and performance of these solutions become mission critical for the bank.

There is a distinct need for the bank to adopt a structured and proactive approach to tune the performance of the Finacle stack on a periodic basis. This is critical to ensure that small performance bottlenecks do not burgeon into service outage and growing database sizes do not lead to performance degradation as the database configuration is specific to the site.

### Finacle Performance Tuning (PTServ)

Performance tuning from Finacle is designed to enable the customer to derive optimal system performance from the Finacle suite of solutions. These services help identify potential performance bottlenecks and recommend changes, for immediate implementation. This is facilitated by the creation of a detailed analysis report and a subsequent advisory proposal for the bank.

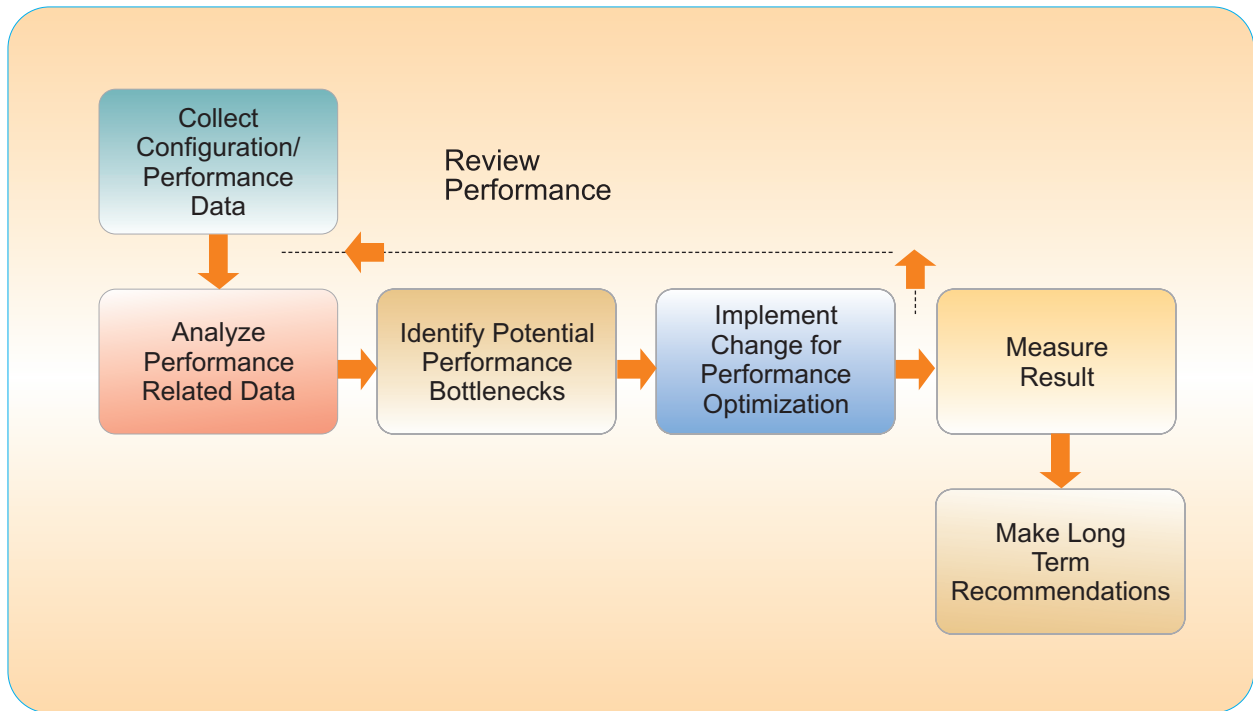
The approach adopted is to primarily identify bottlenecks in the Oracle or MSSQL database, operating systems, networks, storage infrastructure and the Finacle application. Recommendations and suggestions, if any, for corrective action are forwarded to the bank, to achieve best possible out come from the system. This empowers the bank to use the existing system to maximum threshold or output, resulting in optimized Return on Investment (ROI).



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# Service Approach

## Service Approach



## Key Offerings

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The scope of performance tuning is virtually endless. As a practice, the performance tuning services are deployed to drive the system to meet one or more pre-defined goals. Typical goals could encompass increase in throughput or reduction in response time. Optimal output from the system can be obtained if all the components governing the Finacle solution are tuned to co-exist and deliver consistently high performance. The same approach is adopted by the performance tuning services to ensure that the various components of the Finacle architecture deliver consistently high performance.

Performance tuning from Finacle is tailored into distinct packages to meet the rigors of the following situations at the bank:

- Preparation for a major rollout after pilot implementation
- Addition of a large number of branches, as a result of mergers or acquisitions
- Concentrated effort to manage significant growth in business transaction volumes
- Issues arising from solution performance degradation
- Inclusion of new modules to the Finacle solution environment or third party applications accessing the Finacle database

# Business Benefits

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## Improved Business Continuity from Better Predictability of Performance

- Eliminating performance related issues
- Realization of improved response time for day-to-day online transactions
- Optimization of CPU utilization and improvement in hardware resource utilization

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## Agility of Operations

- Reduction in report generation time
- Reduction in end of day, beginning of day and month end operations time
- Reduction in time taken for file transfers

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## Improved ROI

- Recommendations and corrective action implemented to optimize system performance



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