

Abstract

Nowadays, information system has been developing fast. As the impact, database which is one of important part of information system also growing up. *Performance* becomes the main consideration to choose which kind of database to be implemented. In addition, another consideration is system reliability and system flexibility to implement transactional business process.

To answer the need of database, one of the solution is *Grid Database*. Database Grid use provisioning to manage the resource dynamicly and virtualization in computing. After implementing the system then analyzed using its performance with parameter its *response time, throughput, I/O cost and CPU cost*.

This final task discussed about grid database implementation and its query performance analysis which is measured from its parameter. The final result from this final task is performance value for each query and DML.

Keywords *grid database, performances, response time, troughput, I/O Cost, CPU Cost*.