

SCHEDULING APPROACH FOR LOAD BALANCING IN GRID COMPUTATION SYSTEM

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ABSTRACT

Computational Grids have become a valuable asset aiming at enabling application developers to aggregate resources scattered around the globe for large-scale scientific and engineering research environment. Grid computing is the collection of computer resources from multiple locations to reach a common objective. Load balancing is the main issue in grid system computation and this is due to less resources utilization. To overcome the issues, many scheduling and load balancing approaches have been proposed for distributed computing systems.

KEYWORDS: Load Balancing, Cluster, Grid Computing, Scheduling, Response Time, FCFS, Random Search