

OPTIMIZED FAULT TOLERANCE IN REAL TIME CLOUD COMPUTING

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ABSTRACT

Fault tolerance is one of the processes which are very essential due to risk attached to it. In case of any fault occurrence in real environment, loss occurred in term of finance and reputation and even in term of user experiences. So there is an increased need to tolerate the fault for such type of systems to be used with cloud computing structure. For the development of this process and to provide better fault tolerance mechanism while using cloud computing infrastructure for real time applications, we will present an optimized fault tolerance of real time applications running at cloud infrastructure. Reliability and load of the tasks will be the criteria for deciding the degree of fault tolerance for cloud system.

KEYWORDS: Fault Tolerance, Reliability, Cloud Computing and Real Time Computing