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RESEARCH ARTICLE

Performance Analysis of Cloud Computing for Distributed Client

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Abstract— Cloud Computing is a basic requirement today, while everybody want to secure their data from natural disaster. The application framework of Cloud provides wings to the Distributed Computing, now client not only save data to the server but client can also use the computing resources of the server over the Cloud. It is a new phase of Information Technology, where companies are competition by offering free cloud storage with attractive interface. The Cloud itself has distinguish meaning when integrate it with internet as bridge, so any computer from the internet can access the cloud. The data and applications are stored over the Cloud, so anybody can easily access data anytime, anywhere through internet. Cloud computing incorporates the concepts of Grid and distributed computing. It supports the sharing of hardware (i.e. server memory) and software (i.e. data and applications) simultaneously with multiple users. This research mainly focuses on the performance analysis of the Cloud Computing, whereas results are based on Load allocated to the Distributed Client.

Key Terms: - Cloud Computing; Cloud Analyst; Distributed Computing; Simulation; Load balancing; AppEngine

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