Abstract

Cloud computing is an emerging approach to a shared infrastructure of computing resources in which large pools of systems or clouds are linked together via the internet to provide IT services, such as securely managing billions of online transactions and other highly data-intensive application. Cloud computing is being driven by several factors, including the dramatic growth of connected devices, such as mobile phones, smart cards and other devices. It can be used to break many computing tasks into many smaller pieces and managed in parallel on a massive scale. Thus, Cloud computing offers a simplified, centralized platform for use when needed, lowering costs and energy use. But cloud computing is in its nascent stage of progression. There are no mathematical models regarding the performance analysis of cloud computing. In this paper, we intend to introduce Mathematical Model for cloud computing.
Reference

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Index Terms

Computer Science  Information Technology

Key words

Web Service  Ant System  Scalability