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DETECTION AND PREVENTION OF FAULTS IN CLOUD COMPUTING BY FAULT TOLERANCE TECHNIQUES

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ABSTRACT

To use the capabilities of Information technology as a service, Cloud computing is one of the most useful methods. Cloud computing allows the users to access the services available on Internet without understanding or controlling the infrastructure. Nowadays, Cloud computing is getting used massively, hence the need of Fault tolerance in the cloud is a matter of inspection because of its reliability. Fault tolerance has a lot of benefits such as Fault Recovery, economical, better performance when we use them in Cloud Computing. The main purpose of utilizing Fault tolerance techniques in cloud computing has encouraged the capability of researchers to participate in the development of efficient algorithms. As a result, we can find out the advantages and disadvantages of Fault tolerance in cloud computing. In my paper, I introduced various fault-tolerance methods recently used in cloud computing and a relevant study is presented of various techniques and methods in the field of bug tolerance in cloud computing. With the help of studying and reviewing fault-tolerant techniques, according to the requirements of the user, these techniques can be used for error tolerance capability measurement in cloudcomputing.

KEYWORDS: *Information, Cloud Computing, Error*

Article History

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