Abstract

Cloud computing is the latest trend in information technology. Cloud computing offer many services to the user. One of the major service in cloud computing is Infrastructure as a Service (IaaS). Today there is a greater demand in IaaS. This demand gives the server fault or the server gives the slow response. In multi cloud the server is called VM. There is number of VM are in Multi cloud. The proposed method is to find the reliable VM to process the data owner request. The indexing mechanism and the reliability assessment method is used to find the reliable server to respond the request gracefully to unexpected hardware or software failure. In proposed system, all the original files are stored in all VMs with the concept of replication. If suppose one VM can suffered by fault, others can produce the result efficiently based on the techniques used in the proposed mechanisms.

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**Index Terms**

Computer Science  
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**Keywords**

Fault tolerance  Multi cloud  indexing  Reliability