Fuzzy fault tolerant allocate resources in the cloud computing using an actor system

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Abstract With the growing need for users to various sources, cloud computing as a human technology and is now rapidly progress. Vendors, expensive software that requires a lot of computing power and memory are the clients via the cloud. The importance of cloud service is that all the various components available resources and specialized information providers and end customers need not pay the cost of installing this kind of service. So customers pay only for the service. There are different issues those intolerable forms of cloud computing as one of the most important issues in this area because there are multiple sources. The automated management of service level agreements is important in cloud environments significantly. As well as a modern scalability will focus on the needs necessary. These separate contracts for fault tolerance and automatic different layers that can be combined hierarchical management structure, intuitive, and efficient parallel will work. Simulations improve the quality of service levels proposed method is shown in the use of resources.

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