Abstract

Cloud computing provide many services on demand to their end users, and customer can borrow those resources from CSP on only pay-per-use basis. There are many issues arises day by day in cloud computing environment. Job scheduling is one of the major issues. In scheduling we are focusing on to execute maximum no. of user's jobs by utilizing minimum no. of resources which is available in cloud computing. Also scheduling of user's jobs defines how to allocate an appropriate resource to these request come from end users to finish task in minimum time. In this research paper, we are introducing cloud computing, job scheduling and Artificial Neural Network (ANN) based task allocation model has been proposed to increase the performance of the cloud computing system and also find the optimal system cost.

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**Index Terms**

Computer Science  
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**Keywords**

Cloud computing, Job scheduling, Min-Min, trainlm function