Abstract

Cloud computing provides end users with computing resources based on virtualization technologies at the data center. This allowed us to optimize data centers utilization by using techniques and algorithms that optimize the use of cloud computing resources. By taking advantage of some useful proprieties of routing algorithm proposed model is presented in the field of cloud computing that makes data centers more flexible and scalable. Our experimental results indicate that proposed model increases utilization of data centers resources and reduce waiting time.


- Integrating MATLAB, Simulink and State flow Components in a Sim Events model: www.mathworks.com/wbnr15638

**Index Terms**

Computer Science  
Distributed Systems

**Keywords**

Cloud computing; Queuing models; Routing algorithms.