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(57) Abstract :

The present invention provides a dynamic resource allocation in cloud computing environments for optimal workload management. The system is economical. Easy to operate and use. The system is time efficient. The system includes at least one electronic device, a memory module, a database, a server, a communication module, and a processor. The processor is adapted to perform receiving at least one cloud workload problem request including at least one parameter from the user of the electronic device, calculating a problem scale factor of the received cloud workload problem request by using predefined instructions, the historical data set, the received parameter; and re-adjusting the workload release scale factor for the obtained cloud workload. The workload profile of the historical data set is created based on a historical cloud workload problem request. Figure 1

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