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**Task placement and Virtual Machine Migration
Technique in Cloud Computing Environment**

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Task placement and Virtual Machine Migration Technique in Cloud Computing Environment

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Abstract

The technology of cloud computing is growing very quickly, thus it's required to manage themethod of resource allocation. Very serious efforts have to put during this research to reduceenergy consumption of information center together with decrease in completion and responsetime of the task. We have proposed two phase approaches in this paper, which include taskscheduling on VM and dynamically managing the VM on host by migration. In phase one, itdistributes workload of multiple network links avoiding underutilization and over utilization ofthe resources. This will be accomplished by allotting the incoming task to a virtual machine(VM) which satisfiesclause; number of tasks currently administering by the VM is lesser amountthan number of tasks currently handled by other VMs. In second phase, it migrates virtualmachine from one host to another host dynamically. If the…

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