Abstract

A Cloud Computing is subscription-based service where we obtain networked storage space and computer resources. Technologies such as cluster, grid, and now cloud computing are decide allowing access large amounts computing power in fully, para-virtualized manner by amassed resources i.e. virtual machines to consumer. Cloud computing denotes energy efficiency in all components of computing systems that is hardware, software, local area network. Energy computing has to achieve manifold objectives of energy consumption and utilization improvement for computing paradigm that are not pay-per-use such as cluster and grid revenue maximization as another metric for cloud computing architecture. Microsoft Corporation provides Joule meter tool to measuring energy of computing software devices, for researcher to observe energy conservation and consumption [10],[14]. This paper we proposed Energy-Efficient Scheduling Scheme call EESS for virtual machines that distribute maximum workload on minimum number of virtual machine's so less amount of energy consume, to test the scheme cloud environment created using VirtualBox.

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Energy-Efficient Scheduling Scheme for Virtual Machines in Cloud Computing

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Index Terms

Computer Science  Cloud Computing

Keywords

Virtual machine request  virtual machine  energy  Workload  EESS  VM  VM request  power.