Abstract

Cloud computing is receiving a great demand among the budding and old enterprises depending on various Information Technology Services in the present IT Scenario. Cloud provides various services which mostly depend upon a good decision making process to handle various requests from service consumers. The Cloud users are mostly divided into two premium or priority and basic users. As far as priority users are concerned the resources are reserved well in advance and it shows a strong negotiation between the service providers and end users. If there is lack of resources the provider has to pay some reimbursement to the user as per the agreement called as Service Level Agreement (SLA), whereas the elementary user gets the service but has to make more than the premium user. In this case providers always attempt is made to reduce the repayment and maximize the revenue. Here the goal of our paper is to achieve the service pooling mechanism with an energy-aware allocation method in PAAS model to save the overall expenses. Experimental outcomes in the proposed research also demonstrate how the projected outline is able to handle cost, revenue, penalty and efficient server utilization for cloud services.
References


Index Terms

Computer Science

Information Sciences

Keywords

Cloud Computing  Server Utilization  Power Saving  Revenue