Abstract

Cloud computing is a new trend which increase application ability in terms of functionality, resource management and collaborative aspect in term of distributed as well as centralized computing environment. Cloud computing system produce new disputes because of system clusters and high volume data generated by these systems. Storage virtualization makes stockpiling a ware. This makes for some intriguing courses for organizations to lessen their expenses. The central part of cloud computing is virtualization which enables industry or academic IT resources through on-demand allocation dynamically. The main importance in cloud computing is virtualization, which perform user requests on different logical machines in term of their execution in a predefined manner. Cloud computing is unquestionably conceivable without virtualization, however requires more work and time to really pull it off; by utilizing virtualization, it would be fundamentally getting a great deal of the work accomplished for nothing. The resources can be multiple networks in a client server environment having storage as well as applications. The main purpose of this research is how to increase resource management with virtualization which will improve the performance of cloud computing resource
allocation its challenges and proposed new approach which will helpful to optimize the performance in sharing network infrastructure.

References

The Role of Virtualization Techniques to Overcome the Challenges in Cloud Computing


23.

Index Terms

Computer Science Information Sciences

Keywords

Challenges, cloud computing, elasticity, hypervisor, virtualization