A STUDY OF CLOUD COMPUTING BASED MODEL TO FACILITATE COLLABORATIVE RESEARCH

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Abstract

This paper examines how Cloud computing technology can facilitate collaborative research amongst the researchers belonging to different universities and countries. Research over has evolved from simple, controlled research to very complex having multiple dimensions. With the fast development in areas, it is becoming increasingly difficult for individual researchers to conduct innovative research and trailblaze on their own. This paper is conceptual in nature wherein qualitative method has been used to substantiate the significant issues in collaborative research. An attempt is made to explore the possible solutions to facilitate collaborative research with the help of Cloud computing technology in order to make certain vital observations to lay down conclusion. For hundreds of years hunam beings have been conducting research independently or in various universities or labs. However in recent years due to the advent of advanced communication technologies the world has became a global village. Reseachers in various parts of world are involved in research in various areas with or without much experience. Cloud computing in Collaborative research can facilitate (a) Combined efforts of many good researchers for excellent outcomes, (b) Creativity, (c) Sharing experience of all researchers, (d) Get fundings from multiple organizations from different countries, (e) Sharing of techninques, (f) Cost effective use of common computing resources.

The findings of this paper contribute to literature on Cloud computing technology for collaborative research. In addition, the research has focussed on the benefits of collaborative research which adds value and is key aspect of the novelty of this research.
Keywords: Cloud computing , Collaborative research, Cloud computing technology in research.