"Utilization of Cloud Computing in Higher Educational Institutions: An Overview"

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Abstract:

Dispersion of higher education in all areasin increasing all over the world at a very fast step. With increase in number of institutions offering higher education, challenged by growing needs, universities are facing problems in providing necessary information technology (IT) support for educational, research and development activities. The step in which education sector is moving ahead there is a need of cloud computing. Some of the organizations of higher education, such as universities and colleges, are the fundamental of innovation over their advanced research and development. Unfortunately, different kinds of limitations which willchallenge such types of institutions are not the deficiency of ideas but rather repeated budget cuts, which are to be limited on-campus computing capitals, lack of a unified storage media and application storage tower that are dispersed around campus computers. Afterwards, universities may benefit greatly by connecting the power of cloud computing, including cost cutting of cloud services. Higher education was acknowledged in time as one of the columns of society development. This paper explores an overview of the application of cloud computing in higher educational institutions and touches upon some of its sought benefits as well as its expected limitations.

Keywords:

Higher Educational Institutions, Information Technology, Cloud Computing, Cloud services, Cost benefits