Abstract

The intersection of mobile applications and computing with the promising concept of cloud computing resulted in the birth of Mobile Cloud Computing (MCC). MCC has emerged as a remarkable milestone for global mobile services. Enriching its efficiency and productivity to many dimensions, MCC serves a unique blend of mobile computing and cloud computing seamlessly integrated and tries to overcome issues related to environment (e.g.,
heterogeneity, availability), security (e.g., reliability and privacy) and performance issues (e.g., bandwidth, storage capacity, battery life). This paper provides an introduction of MCC discussing its architecture and advantages; it then takes a look at various existing application models to MCC. The issues, challenges are discussed. In addition, Future research directions of MCC are also studied.

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A Study of Mobile Cloud Computing: Architecture, Applications, and Challenges

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A Study of Mobile Cloud Computing: Architecture, Applications, and Challenges

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Index Terms

Computer Science
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Keywords
Cloud Computing  Mobile Cloud  Mobile Services And Applications.