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.

References

- URL: http://www.mobilecloudcomputingforum.com/.
- Mailagic A, Ettus M. System design and power optimisation for mobile computers, In
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- URL: https://www.google.co.in/drive.
- URL: https://www.icloud.com/
- URL: https://support.apple.com/en-in/HT204681
- URL: https://support.apple.com/en-in/HT204085
- URL: https://instagram.com/
- URL: http://www.flickr.com/.
- &quot;An Approach to Ad hoc Cloud Computing&quot; by Graham Kirby, Alan Dearle, Angus Macdonald et. al School of Computer Science University of St Andrews, St Andrews,Fife, Scotland KY16 9SX.
- URL: http://hadoop.apache.org
- URL: http://mobilecloudfamily.com/sa eid
- URL:http://www. cse. tkk. fi/fi/opinnot/T-110. 5121/2012/luennotfiles/T110. 5121%20Mobile%20Offloading%20170212012%2MK. pdf

Index Terms

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