

A brief review of mobile cloud computing opportunities

Abstract:

Cloud Computing (CC) is becoming popular as the latest technology in the infrastructure of the computing world. The CC allows the users to make use of the resources when needed. Mobile Cloud Computing (MCC) combines the cloud computing concept into a mobile setting and manages to deter barriers associated with performance of the mobile devices. However, this does not mean that there are no problems with these new advantages. MCC encounter some common security issues include personal data management, privacy, identity authentication, and potential attacks. The security problems are major obstacle in the mobile cloud computing paradigm's swift adaptability. This study initially provides the background to MCC, which includes definitions, infrastructure and its applications. Furthermore, the different advantages of MCC will be highlighted in the study.