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## **A Survey of Virtualization techniques on Mobile Cloud Computing**

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**Abstract** - Nowadays, cloud computing is an attractive technology that is known to have an increasing importance for users by delivering the services over the Internet. As known, the constraints of mobile devices are their limited resources such as processing capability, storage space and battery life. A new idea emerged by including the cloud computing into mobile devices to augment the capacities of the mobile devices resources such as smartphones, tablet which provides a robust technology called Mobile Cloud Computing (MCC). Although MCC have brought many advantages for the mobile users, it also stills suffer from security and privacy side of data while hosted on virtual machines on remote cloud's servers. The aim is to provide a comprehensive overview of virtualization techniques on mobile cloud computing, and to introduce the main challenges and possible solutions regarding the security and privacy issues.