An Offloading Framework For Saving Energy in Mobile Device Using Cloud Environment

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ABSTRACT

Over the current thread, mobile devices are become more popular among people because of they offering the primary voice communication of our routing life, but mobile devices are still suffering from limited energy supply. Due to the small capacity of battery, therefor battery can store only a small amount of energy. In the literature there is some specialist techniques proposed in academia as well as industry to ensuring to save the mobile device energy and contribute to solve this problem to some extent, but it's not satisfactorily. Here propose Task offloading from mobile devices to cloud computing is a promising technique for handling this kind of problem, especially the emergence of high-speed wireless networks and the ubiquitous resources from the cloud computing. To make task offloading sure to save energy for mobile devices, Proposed a task offloading framework, But in some cases wherever the energy being use for the computation is might be less than the energy used for the communication, So energy is not saved in this type of situation. To ensuring this kind of problem, need for the effective offloading decision system to make sure the offloading is beneficial.