

Security Architecture with Mobile Cloud in CDroid Operating System for Big Data

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Abstract— Today Security threat is the biggest shortcoming for data oriented architectures. Cloud computing when used for mobile technology, must assure its beneficiaries for a safe-sheltered and protected system for its Big data application users. Several innovative techniques can be applied on Mobile Clouds, Big Data, Map-R and also Hadoop environment. This can have great help for the organizations and individuals using cloud-big data duo. A cloud computing provides a service oriented internet technology. The pay-per-use architecture is the biggest reason growing the popularity. Now it is becoming a major problem for data leakage, insecure interface, sharing of resources, data availability and inside attacks. Here are some solutions are prescribed to get rid of those limitations. Some stipulated ideas like categorization of security levels, continuous system testing of Map-R jobs, third party secure data publication etc. must be a path for creating a new tomorrow.

Keywords: Cloud Computing, Big data, Mobile Cloud, Hadoop, Map-R, Data Security, Internet Technology.