

MobilityFirst separates the names from network addresses to overcome an inefficiency of current Internet IP address, such that makes mobile devices ability of mobility and multi-homing while they connect simultaneously to multiple networks, in addition, in case of network problems such as bad connectivity because transmission of data between slow and fast network, therefore, MobilityFirst store data in router temporary to deliver the data efficiently (Ullah et.al., 2020).

Related to security, to protect privacy and enhance sender/receiver anonymity, MobilityFirst separates the human name which is readable from the network address (Ullah et. al.,2020).

References

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- Ullah, A., Chen, X. & Yang, J. (2020) Design and Implementation of MobilityFirst Future Internet Testbed. *IEEE*. Available from: <https://ieeexplore.ieee.org/abstract/document/9350857> [Accessed 14 February 2022]