

An overview of security in Opportunistic networks

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Abstract:

The opportunistic network (OppNet) is characterized as a challenging evolution of Mobile Ad - Hoc Networks (MANET). In OppNets, the mobile users have the possibilities to exchange messages between each other by a disconnected environment with opportunistically selection of any nearby devices, which are used to move messages closer to the destination nodes. In this article, these security aspects are shortly introduced. We analyze basic security ideas that are necessary to include in routing and forwarding processes. We show that design robust security solutions with regards to transmission algorithms for secure transmission of data between different mobile nodes are needed.