

Service Convergence
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Mobile and wireless devices are quickly growing the set of Internet connected hosts. In addition to the extension of Internet legacy services (i.e. web browsing and messaging), the Internet will have soon to support all existing services (such as TV (DVB-H) and telephony) using any available communication technology. We call this the era of "Service Convergence". We present first what impact service convergence will have on communication paradigms, and in particular how mobile networked devices will have to take advantage opportunistically of devices mobility. We analyze the impact of human mobility on forwarding algorithms using a measurement-based approach. We describe our peer-to-peer opportunistic communication architecture to interconnect mobile networked devices.