

SN-FMIA: SDN and NFV enabled Future Mobile Internet Architecture

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Abstract — In this era wireless technology gaining more popularity, people prefer wireless communication over wired communication due to mobility, scalability and ease of access. However traditional wireless network is complex, vendor dependent and inadequate feasibility to incorporate new services, protocols and APIs. The rapid growth in wireless network raises many thoughtful challenges for network and telecom operators. On such grounds, Innovation of Software Defined Network (SDN) and network function virtualization (NFV) for mobile network opens new arena of research. This research article presents future mobile Internet architecture (FMIA) with the integration of twin technologies, SDN and NFV that enable rapid access of Internet services. Moreover, this architecture offers a solitary platform for Internet Service Providers (ISP) to offer services which can be controlled through network manager.

Keyword— *Future Mobile Internet Architecture; Software Defined Network; Network Function Virtualization.*



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