

# Mobility Analysis on Different System Architectures

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## **Abstract**

*For the next generation technologies, mobility is more than a necessity, it's a requirement. Actual developed architectures dedicate a special attention to this aspect. Considering that, this paper analyzes an aspect reflecting the network capability, mobility. We test and verify the mobile nodes availability to roam in different scenarios, for data networks and cellular-based systems. All simulations scenarios were implemented using ns-2 network simulator and for the tested architectures we offer the end-to-end delay during the handover process.*