

# Mobile-IP for 2.5 G and 3.0 G. Environments

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## ABSTRACT

Mobile IP is the underlying technology for support of various mobile data and wireless networking applications. Mobile devices have IP addresses. With the advent of packet based mobile data applications and the increase of wireless computing, there is a corresponding need for the ability for seamless communication between the mobile node device and the packet data network (PDN) such as the Internet. Mobile IP is a protocol, developed by the Mobile IP Internet Engineering Task Force (IETF) working group, which is able to inform the network about this change in network attachment such that the Internet data packets will be delivered in a seamless way to the new point of attachment. This paper presents current developments and research activities in the Mobile IP area. The paper describes the concept of IPv4 and IPv6 also.

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