Abstract

One of the major problems faced by different wireless networks nowadays, is the mobility. Inter-Radio Access Technologies handovers, roaming, and application continuity problems motivate the MIPv6 rather than MIPv4. This paper will cover the main benefits and drawbacks for the different mobile IPs via literal and simulation discussions. Using IPv4 tunnels to carry
MIPv6 as a alternate will be discussed also, in case of not all-IPv6 network is used.

Reference

- IPv6 Coexistence and Integration, Salman Asadullah, Technical Advisor, IPv6 Forum, Cisco Systems
- RFC 3775: http://www.ietf.org/rfc/rfc3775.txt

Index Terms

Computer Science Wireless Networks

Key words

MIPv4 MIPv6 IPv4 Tunnel Wifi
Handover

PRoute Optimization