Abstract

Mobility management for the next generation IPv6 networks is one of the recent research issues due to the growing demand for wireless services over internet. Mobile Internet Protocol version 6 (MIPv6) has been proposed to solve the problem of mobility in the next generation era of Internet. MIPv6 allows packets from source to destination and vice versa while mobile node has moved away from its home network. Handover latency is the primary cause of packet loss.
resulting in performance degradation of Mobile IPv6. This paper surveys various mobility management protocols, basic handover mechanisms for MIPv6 and delay components affecting the handover latency are identified and mathematically calculate the delay among these components.

References


Index Terms

Computer Science Mobile Communication

Keywords

Handover Latency Mipv6 Dad Route Optimization