Abstract

In today's world, communication is the most pervasive trend [13]. Among them, mobile communication is the most popular type of communication. Mobile communication services are increasing remarkably and among them mobile services that provide Internet access from mobile terminals are increasing day by day. Mobile IP is one of the dominating protocols which provide the support of mobility in the internet. [4] It represents a simple and scalable global mobility solution. In this paper, the analysis of mobile IP is presented. After the protocol overview, we then proceed to brief current developments namely Mobile IPv4 and Mobile IPv6, and the current state of standardization of Mobile IP.

References

6. Tran Cong Hung, "Research Handover on Mobile IP" cyber journals, July 2012
7. Amit Mahajan, Ben Wild, "Route Optimization in Mobile IP"
9. Nareshkumar R Mustary and Dattatraya T.H, “Re-innovation and comparison of Mobility Approaches for Mobile IP Networks”
17. Youngsong Mun and Hyewon K. Lee "Understanding IPv6", Soongsil University, Seoul, Korea; Daejin University, Kyungki, Korea
20. Sumit Kumar, Anil Kumar, Vinay Kumar Nigam, Rakesh Kumar, "Perceptive approach for route optimization in mobile ip"
22. Charles Perkins, Sun Microsystems, “MOBILE IP”
24. Sumit Kumar, Anil Kumar, Vinay Kumar Nigam, Rakesh Kumar, "Perceptive approach for route optimization in mobile ip"

Index Terms

Computer Science Information Sciences
Keywords

MIP, MIPv4, MIPv6, DHCPv6, Home Agent, Foreign Agent, Mobile Node, Care of Address, Correspondent Host.