Abstract
Mobile IP (or IP mobility) is an Internet Engineering Task Force (IETF) standard communications protocol that is designed to allow mobile device users to move from one network to another while maintaining a permanent IP address. When a node moves and visits a foreign network, it is still reachable through the indirect packet forwarding from its home network. This triangular routing feature provides node mobility but increases the communication latency between nodes. The route optimization reduces packet loss tremendously but suffers from security threats. In this paper we have discussed various existing MIPv6 security issues and threats with their solutions.

References


Index Terms

Computer Science
Emerging Trends in Technology
Keywords
Mipv6  Security  Return Routability Protocol  Bindingupdate  authentication  cryptographically Generated Address