Abstract

Nowadays, user needs to access internet everywhere through their handheld devices which are constantly moving. Vehicular networks maintain connectivity through mobile platform as well as through fixed networks. Therefore an integrated solution should be provided to these types of networks. Novell Architecture (N-PMIPV6) enables seamless and efficient integration of
Integrating N-PMIPv6 and Simultaneous Bindings Avoid Packet Loss in NEMO mobile networks. While accessing internet mostly multimedia data such as audio, videos, graphics, animation needs to be used for data transfer either for uploading or downloading. The above architecture degrades the performance in terms of data transfer due to packet loss. So, the quality of data is not up to the mark and it differs a lot from the original data. To overcome the data loss issue, the simultaneous binding technique can be integrated with the N-PMIPv6. With this packet loss and additional tunneling of packets can be avoided. With this solution the nodes are much easier to reach, so that the internet access to the vehicular networks will be provided without any degraded performance.

Reference

- C. Perkins, "IP Mobility Support for IPv4", RFC3220, IETF, Jan 2002

Index Terms

Computer Science

Networks
### Key words

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<tr>
<th>NEMO</th>
<th>PMIPv6</th>
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Simultaneous binding