Quantitative evaluation for RMRv6 multicast fast reroute operations

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Abstract
This paper evaluates Proxy Mobile Internet Protocol (Version 6) (PMIPv6) multicast for multicast operations using quantitative analysis. The motivation is to cater the fast growth of mobile data traffic consumption and its networking technologies. Hence, it is significant to enhance the present techniques. Multicast enabled PMIPv6 is a mobile multicast networking management protocol that is highly acceptable in handling mobile data traffic. This paper briefly highlights the methodology, architecture, and processes involved in the multicast operation. The quantitative parameters discussed are packet loss cost and handover latency. © 2013, Institute of Advanced Engineering and Science. All rights reserved.

Author keywords

PMIPv6, Multicast, Mobile IP, Layer 3

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