

Packet Fragmentation in IPv6 and IPv4 Integrated Environment

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Abstract

IPv6 and IPv4 integrated environment are commonly deployed in the Internet today, especially using IPv6 over IPv4 tunneling technology. The study analyzes the packet fragmentation issue in IPv6 and IPv4 integrated environment. Packet fragmentation would significantly impact the network performance, and even lead to network vulnerability issue due to performance decrease.

Keywords : IPv4, Pv6, MTU, Fragmentation, Tunnel, Security.