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(54) Title: A METHOD FOR GUARANTEEING QUALITY OF SERVICE ON THE INTERNET BY ROUTING DATA ALONG
NODES WITHOUT ERROR CORRECTION PROCESSING CAPABILITY

(57) Abstract: This simple ready method routes all data (eg IP packets/ ATM cell) between source and destination only along non-
blocking links of router nodes on the Internet without data portion checksum processing at the nodes (eg using Real time Streaming
Protocol IPv4 UDP packet type with checksum disabled; or as IPv6 specified hops UDP packets which has checksum included in
the data portion but routed only along cut-through router/switches). The IP Packet here is sent without error correction checksum
in the data portion, or the nodes along the route do not perform any error controls on the data portions of the IP Packets/ATM cells.
Hence there will not be any IP Packets/ATM cells retransmissions occurrence along the route. IP Packets/ATM Cells with Header
portion checksum errors detected could simply be discarded.