

VERIFICATION OF NETWORK TRANSPORTER IN NETWORKING ENVIRONMENTS

ABSTRACT

A method and an apparatus for verifying a network transporter under test which is able to perform the test and produce test results by posting test packets through network transporter without requiring large amounts of memory and producing results in a short period of time. The present invention utilizes one or more FIFO (First In First Out) buffers in which plurality of components of each packet is stored just as each packet is posted to the network transporter under test. As soon as the corresponding packet is received on the other side of the network transporter, plurality of components and the receive packet are compared and a test result is produced. As soon as such comparison is performed and completed and the test results are produced, the corresponding plurality of components stored in the FIFO is discarded and the corresponding memory space used is freed up for the next packet's test information.

(Fig.3)