ABOLISHING PACKET LOSS IN NETWORK USING CONSTANT PACKET RE-ARRANGING

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Abstract

When we rearrange the packet the most standard implementation of the TCP gives poor performance. This paper proposes a new version of the TCP which gives the high throughput when the packet rearranging occurs and in another case if the packet rearranging is not occurs then in that case also it is friendly to other version of the TCP. Constant packet rearranging does not depend or rely on the duplicate acknowledgement to detect the packet loss. Instead the timer is used to maintain how long packet is transmitted. In this case timer is used to keep the track how long packets are transmitted. If acknowledgements are not received within the appropriate time then packet assumes to loss because of the Constant packet rearranging does not depend on the duplicate acknowledgement.