

## **PERFORMANCE EVALUATION OF CPR AND WCPR IN DIFFERENT PLATFORMS**

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### **Abstract**

In this paper two different methods CPR (Constant Packet Re-arranging) and WCPR (Without Constant Packet Re-arranging) are described and compared in different platforms. 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. The key feature of Constant packet rearranging is that duplicate ACKs are not used as an indication of packet loss. Instead the timer is used to detect the packet loss From a computational view-point, CPR is more demanding than WCPR. Because CPR does not rely on duplicate acknowledgments, packet rearranging (including out-or-order acknowledgments) has no effect on CPR performance.

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