

*Network interference* is the congestion in a network caused by the latency of a system. This primarily happens in shared switch queues. QJump is an addition to software made for datacenters. It provides a simple algorithm to optimize network communication. To do this certain packets can jump ahead of others according to a ranking. The ranking is decided by the application sending the packet according to a trade off of latency variance and throughput. The higher an application's packages are in priority for the queue, the less frequent it is allowed to transmit them. The paper does rigorous tests to show, that QJump achieves better results in relieving congestion, than other techniques.