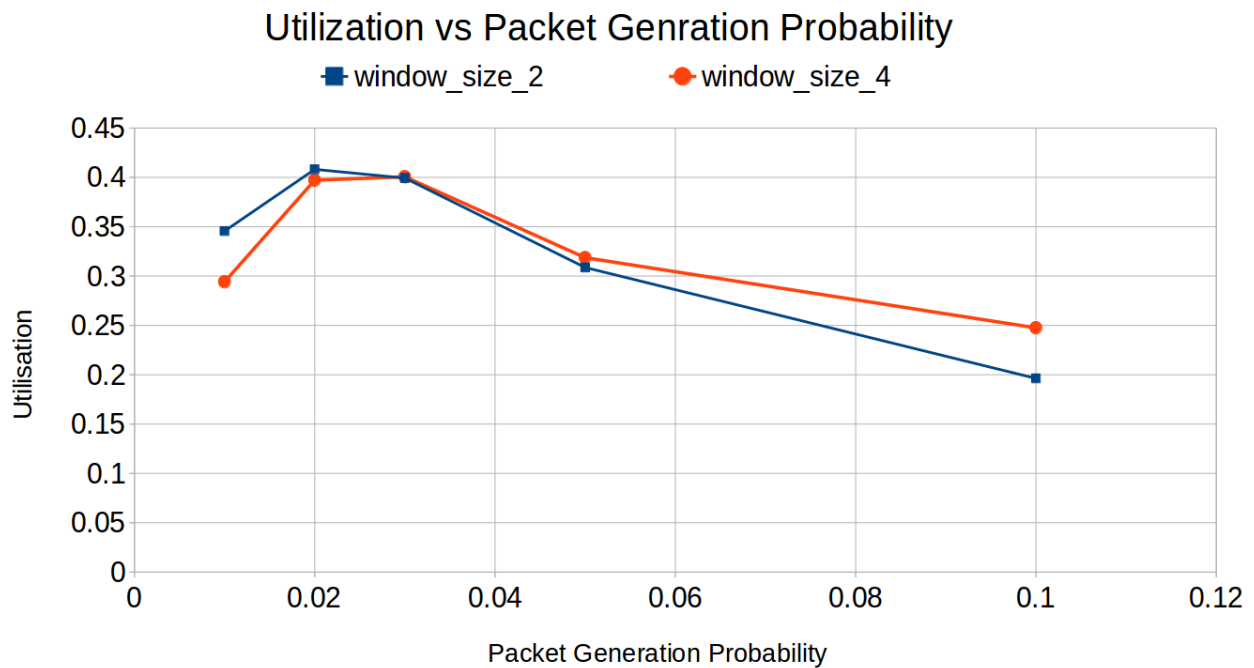


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TECHNICAL REPORT



Looking at the graph, we can conclude that the utilisation first increases and then again starts falling down, as the packet generation probability increases for a particular window size. Utilization will only attain 1, in the case of no collision, because whenever collision occurs, corresponding packet backoff counter gets initialized with the value between 0 and $W-1$, which causes the retransmission to occur.