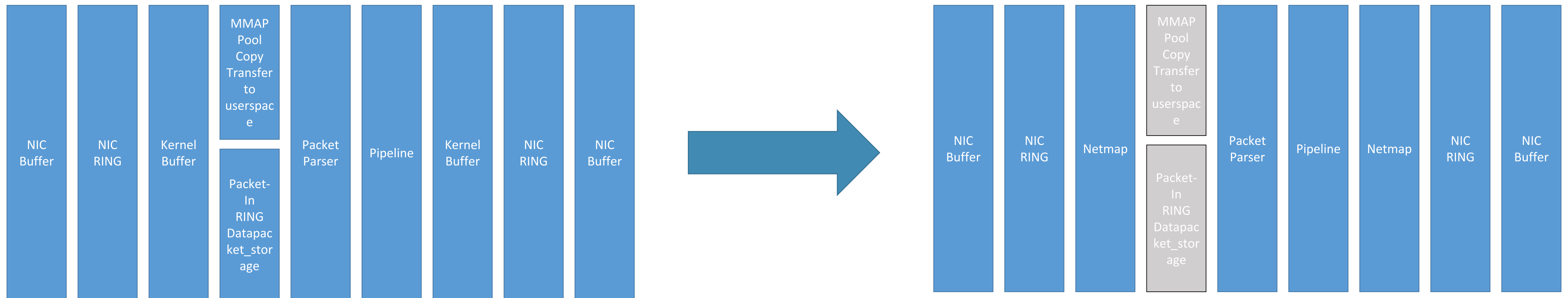


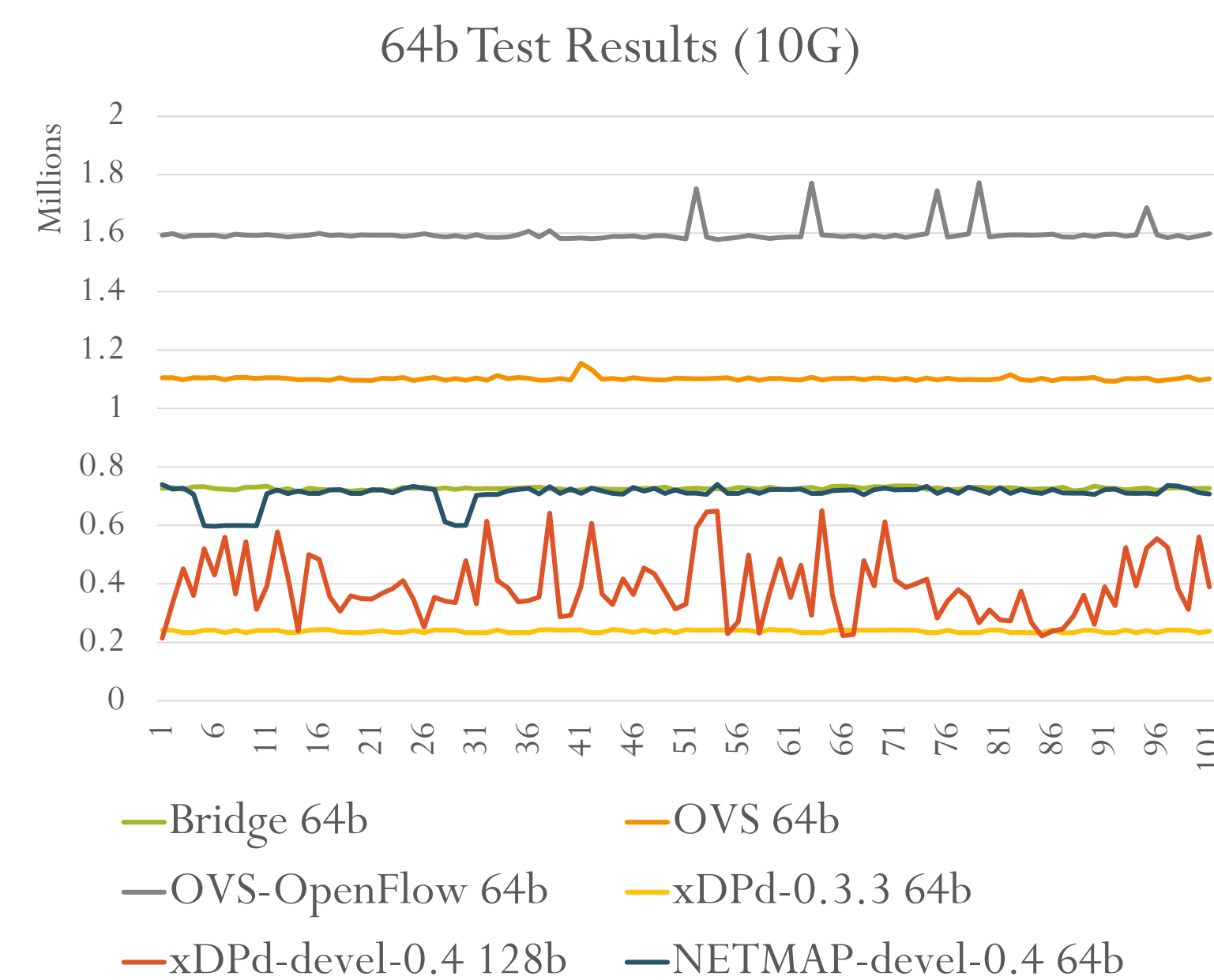
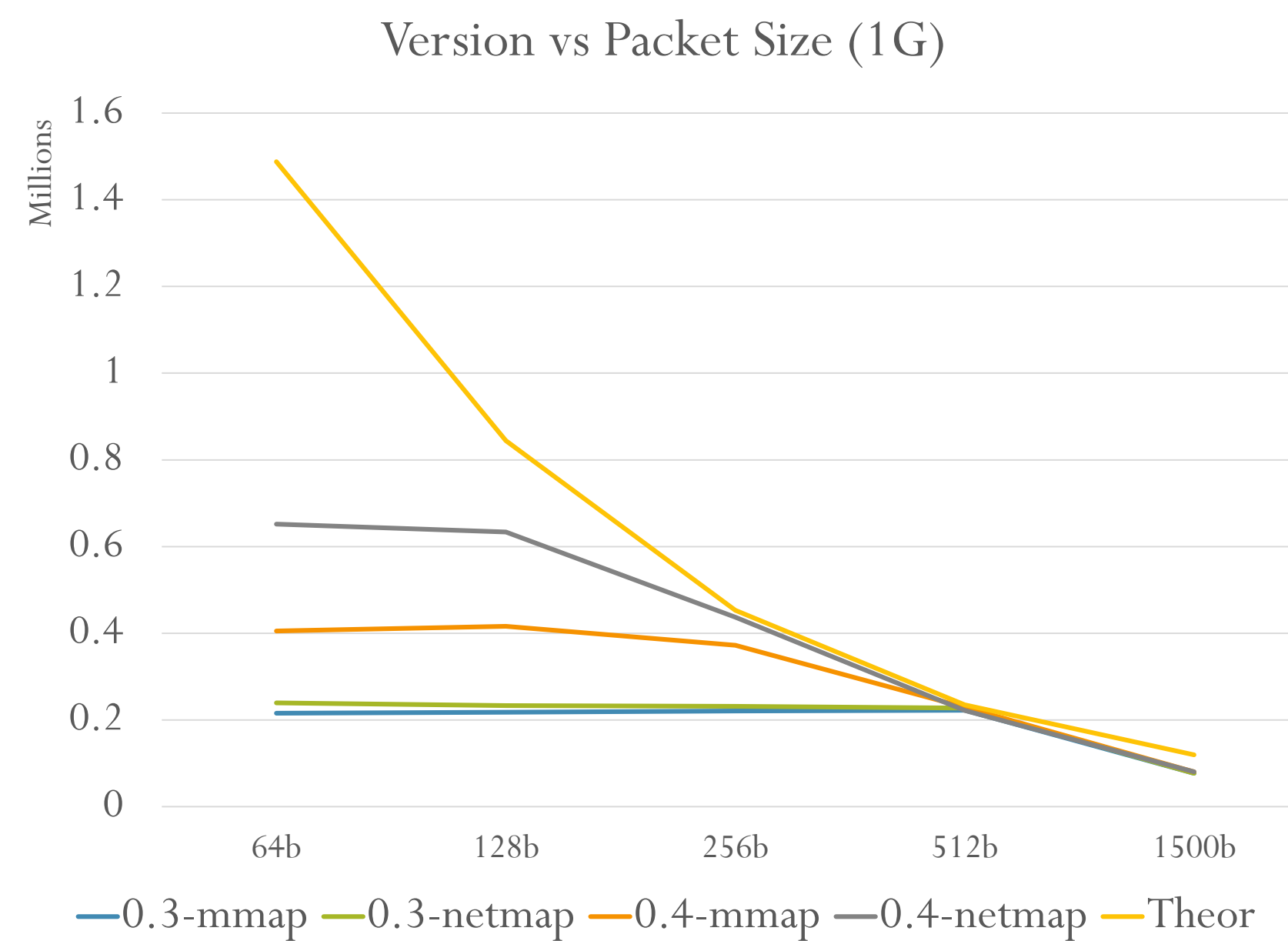
NETMAP Integration for xDPd

Levent Dane, Deniz Gurkan – University of Houston
Marc Suñé, Hagen Woesner, Andreas Köpsel – EICT/BISDN, Berlin, Germany
Special thanks to Nick Bastin

This project has been funded by the GENI-FIRE collaboration funding.



Alternative OpenFlow Software Switch to use with GENI experiments



SDN 75100



SDN 87100



Objective: Increasing number of packet processed by second.

Methodology: Bypassing Linux Kernel with NETMAP zerocopy framework

Results: 20% improvement in performance