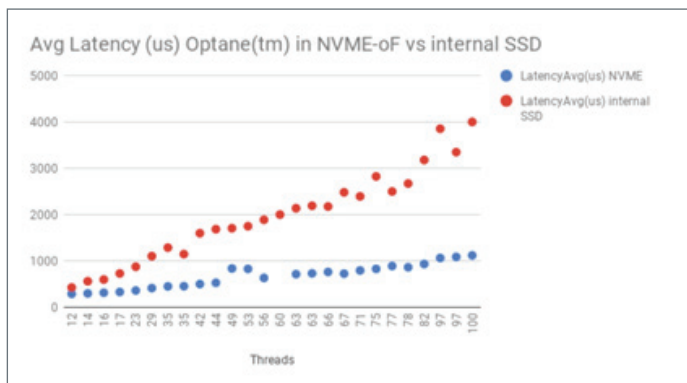


SUPER COMPUTING 2018

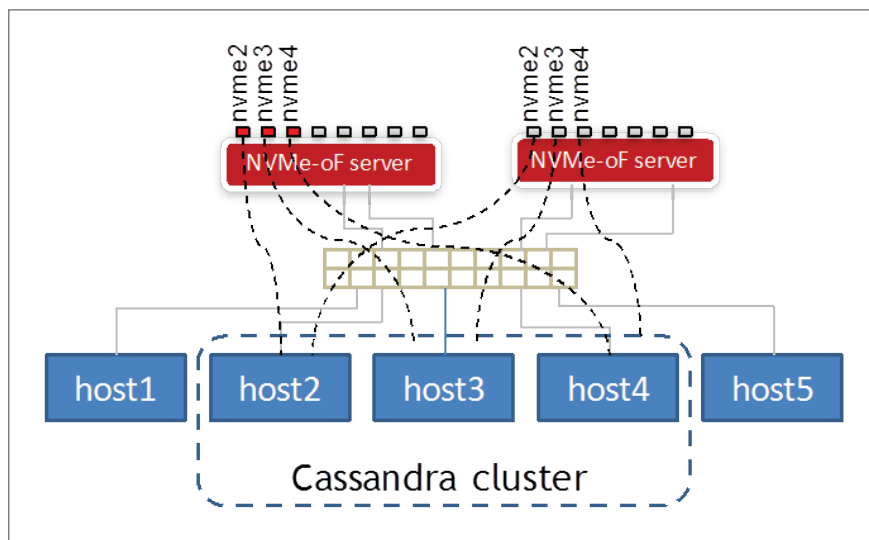
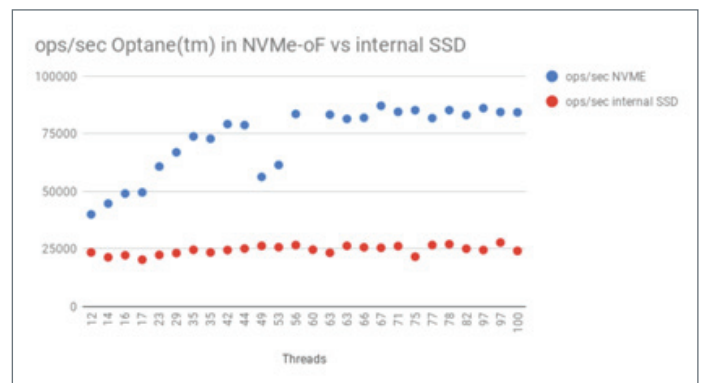
NVMe OVER FABRIC SOLUTION FOR CASSANDRA DEMONSTRATION

This NVMe over Fabric™ (NVMe-oF™) demonstration shows what is possible in achieving the industry's highest possible performance for Apache Cassandra environments. The Cassandra storage portion of this demonstration includes Viking Enterprise Solutions® NDS-2248 (2U 24 disk) High Performance JBOF Servers configured with Intel® Optane™ SSD DC P4800X NVMe SSDs. The Cassandra compute portion includes Intel 1U servers configured with Xeon E5 2667v4 processors and 128GB RAM. All are interconnected using multiple 100Gbps Ethernet network links.

**Up to 4x
Lower Latency**



**Up to 3x
More Transactions**





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- Hot-pluggable fabric modules, power supplies, and drives
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