# Performance Benefits of NVMe™ over Fibre Channel

## A NEW, PARALLEL, EFFICIENT PROTOCOL

as observed with the NetApp® AFF A700s System,
Emulex® LPe32002 32GFC HBAs & the Brocade® G620 32GFC switch

### NVMe/FC accelerates existing workloads

Enterprise applications such as Oracle, SAP, Microsoft SQL Server and others can immediately take advantage of NVMe/FC performance benefits

In our tests, we observed up to
**58%** higher IOPS
for NVMe/FC compared to SCSI FCP *on the same hardware.*

We observed minimum differences of
**11%** to **34%** lower latency
with NVMe/FC, depending on the test.

### NVMe/FC enables new SAN workloads

Big data analytics, Internet of Things (IoT), and A.I. / deep learning will all benefit from the faster performance and lower latency of NVMe/FC

### NVMe/FC is easy to adopt

These performance gains were delivered by a non-disruptive software upgrade

### NVMe/FC protects your investment

The benefits we observed were with existing hardware that supports 32Gb FC

**NetApp™**

**BROADCOM®**

**Emulex HBAs**
**Brocade Switches**

Read the full report:
**demartek.com/ModernSAN**