

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



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Testing and results provided by

 **Demartek**

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