



Running SQL and VMware?

You Can Achieve:

2x Increased Transactions

7x Reduction in Response Time

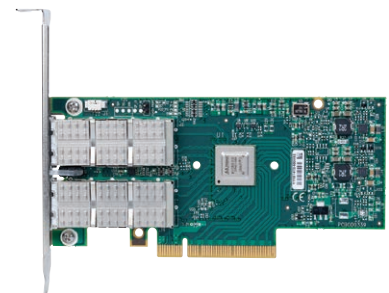
With Dell Fluid Cache for SAN and Mellanox!

Application performance may be limited by multiple factors such as low interconnect speeds, slow drive response times, cumbersome software stacks, and maxed out storage controllers.

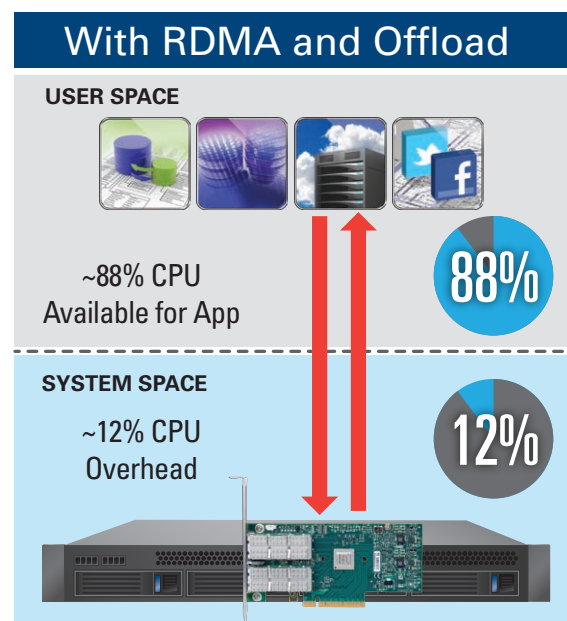
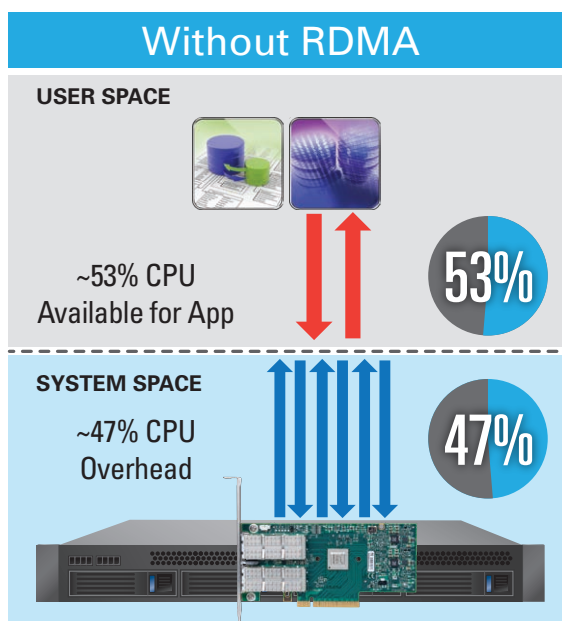
Dell Fluid Cache for SAN delivers faster application response time producing stable, extraordinary I/O performance for applications such as Oracle, SQL, OLTP and VDI.

- Increased transactions per second (TPS)
- Decreased average response times (ART)
- On-the-fly scaling to meet growing business demand
- No single point of failure from server to SAN

ConnectX[®]-3



RDMA-enabled Network with Mellanox ConnectX[®]-3 10/40Gb Ethernet Adapters for Dell PowerEdge Servers





Accelerate SQL Server 2012 OLTP Database

Read the white paper describing how the performance of Microsoft® SQL Server® 2012 Online Transaction Processing (OLTP) database can be accelerated by running on a VMware® ESXi® 5.5 hypervisor Dell™ Fluid Cache for SAN.

Dell Fluid Cache for SAN provides a reliable, efficient, and effective architecture, and key takeaways are:

- Boosted transactional performance while increasing concurrent users with low latency;
- Reduce response time by bringing data closer to compute;
- Maximize computational horsepower with the Dell Fluid Cache for SAN solution utilizing Dell PCI Express Flash drives;
- Scale database performance on the fly with the addition of Express Flash drives; and
- Ensure data integrity with write-back SAN caching technology.

[Read the complete white paper >>](#)

[Learn more about Mellanox and RDMA >>](#)

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