



\$100 MILLION

in lost trades per year!

That is what one extra millisecond delay in trade execution could cost!

Mellanox Advantages

Highest bandwidth / lowest Latency (RDMA)

- Application latency as low as 0.7μs for InfiniBand (IB) and 0.75μs for 40GbE
- Ultra-low IB switching latency of less than 100ns
- Packet per second (PPS) rate of up to 30 million PPS for FDR IB

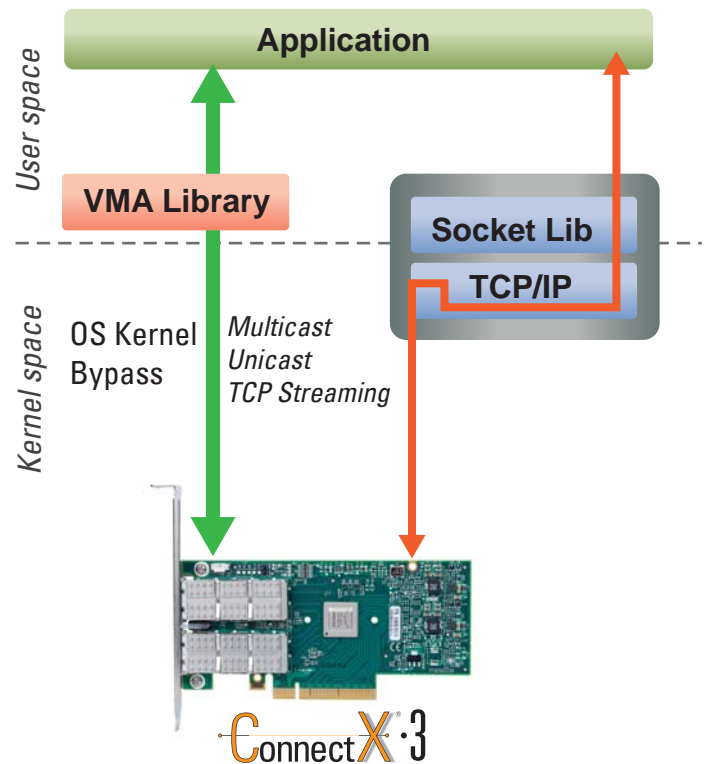
VMA Software

- Minimizes latency - Up to 300% faster
- Maximized throughput - Up to 200% higher packet rate
- No application code changes required
- Implemented on Dell PowerEdge Servers

Time stamping and synchronization

- Hardware timestamp to ALL incoming packets
- No impact on latency
- Fully integrated with FSMLabs Timekeeper*

VMA Messaging Accelerator "nothing in the middle" IO



*http://www.mellanox.com/related-docs/whitepapers/WP_Highly_Accurate_Time_Synchronization.pdf

Interconnect Solutions

Mellanox ConnectX®-3 10/40Gb Ethernet Adapter Cards



Ports	2 x 10GbE	2 x 40GbE	2 x 10GbE
Connector	SFP+	QSFP	KR
Cabling Type*	Direct Attached Copper and SR Fiber Optic		N/A
Host Bus	PCIe 3.0		
Features	Stateless Offload, RDMA, SR-IOV, RoCE, iSER, PXE Boot.		
OS Support	Windows 2008 SP2 and 2008 R2, Windows 2012 and 2012 R2 (vNext), Linux Distributions** SLES11 SP2 / SP3, VMWare ESX/ESXi 5.5, XenServer 6.1 / 6.2		
Ordering Number	540-BBEF (FH) & 540-BBEL (LP)***	540-BBEG (FH) & 540-BBEM (LP)***	407-BBOG
Customer Kit	540-BBEN (FH) & 540-BBEO (LP)***	540-BBEJ (FH) & 540-BBEP (LP)***	540-BBEI

Comprehensive End-to-End InfiniBand and Ethernet Portfolio

<p>Connect IB Connect X-3 Connect X-4</p>	<p>Spectrum Switch X-2 Switch IB</p>	<p>Mellanox Care</p>	<p>metroDX metroX</p>	<p>LinkX</p>
ICs and Adapter Cards	Switches/Gateways	Software and Services	Metro / WAN	Cables / Modules

Dell Sales Contacts

Will Stepanov
Technical Sales Rep.
+1 (512) 966-4993
will@mellanox.com

Denise Cowart
Sr. Sales Mgr., OEM Sales
+1 (512) 853-0937
denisec@mellanox.com

Raphael Chocron
OEM Sales Manager, EMEA
Cell : +336 77 72 30 98
raphaelc@mellanox.com

DellSales@mellanox.com

