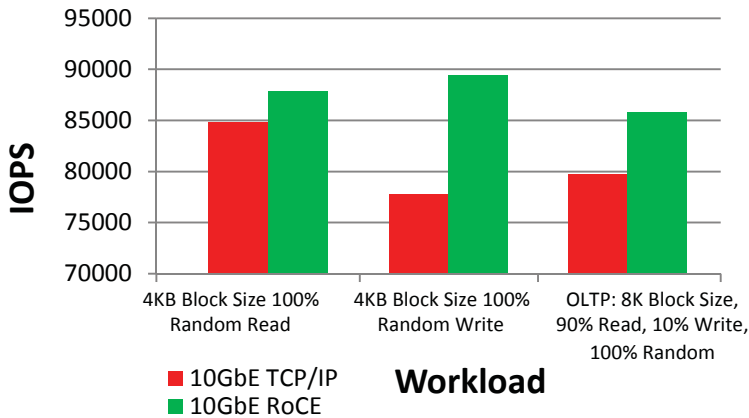


RoCE (RDMA over Converged Ethernet) Double Your Storage System Efficiency*

* RDMA vs. TCP/IP. Source: http://www.mellanox.com/related-docs/solutions/SB_IOPS_CPU.pdf

Storage Spaces IOPs
Higher is Better

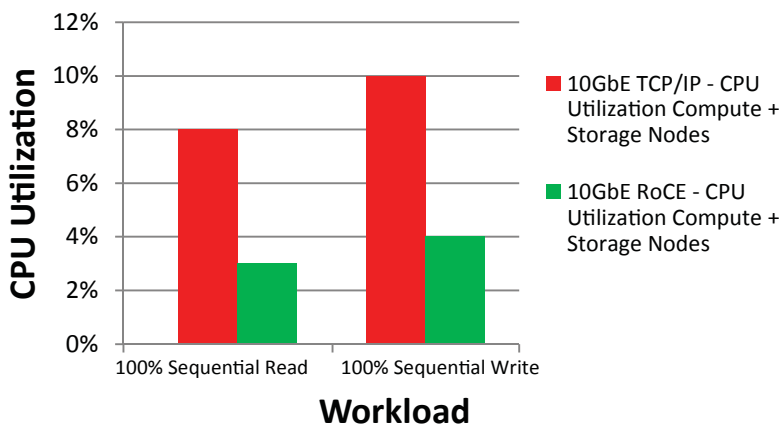


SCALABILITY & PERFORMANCE

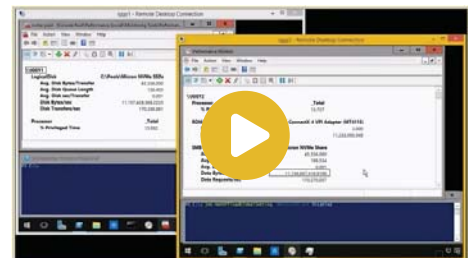
10/40GbE with RoCE

- Delivering 15% more IOPS
- Increased CPU efficiency by over 50%
- Reducing power consumption

Total CPU Utilization @ 512KB Block Size [%]
Lower is Better







RDMA enables Double Bandwidth,
Half latency and 33% more CPU Availability



Source: IginTE 2015 Technology Preview
<https://t.co/Kntc0RrXU4>

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>ICs and Adapter Cards</p>	    <p>Switches/Gateways</p>	  <p>Software and Services</p>	  <p>Metro / WAN</p>	  <p>Cables / Modules</p>
---	--	---	---	--

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

