CHELSIO ADAPTERS ACHIEVE LENOVO AND DELL CERTIFICATIONS FOR MICROSOFT SOFTWARE-DEFINED STORAGE DEPLOYMENTS

100Gb iWARP (RDMA/TCP) Networking Enables Dramatically Improved Storage Performance and Lower Total Cost of Ownership for Microsoft Cloud Environments

SUNNYVALE, CA – March 23, 2017 – Chelsio Communications, Inc., a leading provider of high performance Ethernet adapters and ASICs for storage networking, virtualized enterprise datacenters, cloud service installations, and cluster computing environments, today announced that its line of Terminator 5 & 6 (T5 & T6) 1/10/25/40/50/100 Gigabit Ethernet (GbE) iWARP (RDMA/TCP) enabled Unified Wire adapters have achieved hardware certifications for deploying Microsoft Windows Server based software-defined storage (SDS) with Lenovo and Dell server platforms.

The iWARP standard enables building very efficient, high performance, Microsoft Cloud deployments very quickly. iWARP works with any legacy Ethernet switch, thereby enabling incremental Windows Server 2016 installations without requiring a concurrent forklift upgrade of the switch infrastructure, or the entire datacenter. This ability to work with any non-DCBX switch, allows use of the most cost effective new or existing switch infrastructure with the least amount of support, while enabling an immediate plug-and-play deployment. In addition, Microsoft's support of iWARP protocol since Windows Server 2012-R2 release, has allowed for years of testing for a very robust, tested, deployment with iWARP. Chelsio Unified Wire adapters have achieved Microsoft "Certified for Windows Server 2016" and "Certified for Microsoft Software-Defined Datacenter (SDDC)" hardware certifications.

Chelsio iWARP enabled Unified Wire adapters power a range of Microsoft Windows software-defined storage capabilities including Storage Spaces Direct, Storage Spaces for high-performance file access, Storage Replica for disaster recovery, Network Direct for Windows HPC deployments, hardware offloaded iSCSI initiator for SAN applications, Nano Server for cloud applications and Client RDMA for bringing RDMA benefits to Windows 10 deployments.

"Chelsio's Unified Wire adapters enable high-performance networking solutions for Windows installations without requiring a concurrent upgrade of the switch infrastructure and help customers to efficiently and cost-effectively scale their Microsoft Cloud environments to derive the full benefit of cloud computing," said Kianoosh Naghshineh, CEO at Chelsio Communications. "We are gratified by Chelsio Unified Wire adapters achieving Lenovo and Dell certifications for Microsoft software-defined storage (SDS) which will help users build faster, easy-to-scale and reliable storage for their private cloud deployments."

Chelsio Windows Solution
- Server 2016 SMB Direct Offload
- Storage Spaces Direct Offload
- Network Direct Offload
- Packet Direct
- iSCSI Initiator Offload
- Windows 10 – Client RDMA Offload for client-server applications
- Nano Server
- Storage Replica
- NVGRE, VxLAN Offload support
- SR-IOV support
- vRSS, VMMQ support
- DCB
- Azure Stack Certified for all Adapter SKU's
- Server 2016 and 2012-R2 Certified for all Adapter SKU's

- Windows 10 Certified for all Adapter SKU's
- 1/10/25/40/50/100Gb Hardware Adapter options

About Chelsio Communications

Chelsio is a recognized leader in high performance (1Gb/10Gb/25Gb/40Gb/50Gb/100Gb) Ethernet adapters for networking and storage within virtualized enterprise datacenters, public and private hyperscale clouds, and cluster computing environments. With a clear emphasis on performance and delivering the only robust offload solution, as opposed to simple speeds and feeds, Chelsio has set itself apart from the competition. The Chelsio Unified Wire fully offloads all protocol traffic, providing no-compromise performance with high packet processing capacity, sub-microsecond hardware latency and high bandwidth. Visit the company at www.chelsio.com, and follow the company on Twitter and Facebook.

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