Veeam and QLogic
The advantages of Gen 5 Fibre Channel and Veeam in virtualized environments

Introduction
QLogic and Veeam® have teamed up to deliver an end-to-end solution highlighting the advantages of Gen 5 Fibre Channel infrastructure for virtualized environments. Utilizing the vastly increased performance and simplified management of the next generation of Fibre Channel and Veeam Backup & Replication™ software, enterprise customers are able to meet and exceed their recovery and restore requirements.

Business needs and challenges
Virtualization is one of the most important data-center technologies to evolve over the last several years. Its benefits are realized in its deployment on servers, storage and networks. Factors such as consolidation, cost savings, dynamic provisioning and fluid migration drive datacenters to incorporate some form of virtualization solution today. The advent of large-scale infrastructure systems has moved these back-room experiments and development environments into full, public-facing-application infrastructure systems. However, even with all of the business benefits driving data-center virtualization, IT administrators are facing a host of technical challenges.

Technical challenges
As data centers take virtualization to the next level, they are increasing virtual machine (VM) densities and virtualizing mission-critical workloads. This trend is increasing demand for shared storage and flatter, more scalable networks—as well as for higher bandwidth and I/O capacity for Web 2.0 and storage networks. These technical challenges are driving innovative products across the data center infrastructure, including both hardware and software. As partners, Veeam and QLogic have introduced a new breed of high-performing and flexible products, which have simplified the management of virtualized environments.
About Veeam

Veeam is Modern Data Protection™—providing powerful, easy-to-use and affordable solutions that are Built for Virtualization™ and the cloud. Veeam's #1 VM Backup™ solution helps organizations meet RPOs and RTOs, save time, eliminate risks and dramatically reduce capital and operational costs. Founded in 2006, Veeam protects 4+ million VMs for more than 80,000 customers worldwide. Veeam's global headquarters are located in Baar, Switzerland and it also has offices throughout the world. To learn more, visit http://www.veeam.com.

About QLogic

QLogic® is a global leader and technology innovator in high-performance server- and storage-networking connectivity and application-acceleration solutions. The company’s leadership in product design and maturity of this software stack make it the top choice of leading OEMs and channel partners, worldwide, for its virtualized, converged, and cloud-environment solutions. QLogic offers a diverse product portfolio, delivering adapters, switches, and ASiCs, which power solutions from leading technology providers, including Cisco, Dell, EMC, Hitachi Data Systems, HP, IBM, NetApp and Oracle. For more information, visit www.qlogic.com.

Joint Solution

The combination of Veeam's data-protection software and ultra-high performance Gen 5 HBAs, delivers world-class backup and recovery for today's data center VMs, guest OS files and applications. This reduces the amount of data at risk by using a combination of storage snapshots and frequent backups over a high performance, reliable and easy-to-manage Fiber Channel network. By leveraging Veeam Backup & Replication with QLogic HBAs, companies can leverage their storage networks for the fastest backup-transport architecture. This will relieve I/O multi-pathing and CPU cycles from the VMware or Hyper-V infrastructure by leveraging HBAs and storage network to perform backup and replication tasks.

Lower your data center's TCO and improve service levels by minimizing downtime and disruption with the fastest possible recovery and the lowest recovery time object (RTOs and RPOs).

To learn more, visit www.qlogic.com and www.veeam.com.