VIAVI

Fibre Channel HBA

Fibre Channel HBA

Ethernet Adapter (SCSI)

Fibre Channel Network

Ethernet Network

Storage Array

Essential Tools for Data Center Success

Optimize Performance with Detailed Proactive/Reactive Analysis

As data centers grow in size, complexity, and layers of virtualization, every part of the infrastructure must be fine-tuned to deliver the best end-user experience and the greatest cloud-computing service revenues.

Rapidly understanding I/O performance and contention lets storage administrators optimize existing infrastructure investments, proactively manage system performance, and accelerate the isolation and remediation of performance-affecting issues when they do arise. To these ends, Viavi Solutions delivers a comprehensive suite of tools that keep data centers and SANs at their best.

Proactive Performance Assurance for the Data Center

- Fiber inspection probes, displays, and kits

- High-density fiber-optic TAPs

- Medusa® Labs Test Tools Suite

- Xgig®1000 4/8/16 G Fibre Channel, 10 and 40 G Ethernet portable analysis and test platform

1. Inspect Before You Connect with fiber inspection test kits.

2. Stress test your server, network, and end-to-end storage performance prior to deployment with Medusa Labs I/O tools.

3. Pre-define ceilings and floors to avoid overloading and production-time application contention during deployment.

4. Perform comprehensive network and storage system inline analysis with the Xgig 1000.

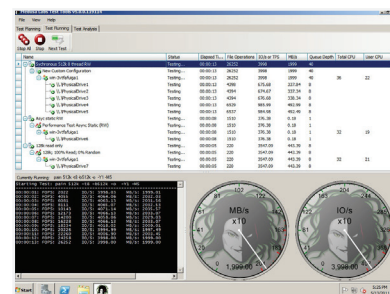## Reactive Troubleshooting in the Data Center

- Xgig1000 4/8/16 G Fibre Channel 10 and 40 G Ethernet Portable Analysis and Test Platform:
  - Expert software
  - Performance Monitor™

1. Insert the Xgig 1000 in any suspected link between computing and switching, switching and storage, or between data center interconnects.

2. Use Xgig Expert analysis software to understand correlated intelligence about Fibre Channel, FCoE, and iSCSI transactions.

3. Understand performance and latency attributes in frames, links, and exchanges.

4. Automate the Xgig Performance Monitor and Xgig Trace Control™ for logging utilization, errors, and diagnostics over time.

Learn more about all Viavi data center products and services at www.viavisolutions.com/nse.

Xgig 1000

High-density fiber-optic TAP

SmartClass™ Fiber

Medusa Labs Test Tool

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