



NetQoS® Gigastor

Network engineers are increasingly held accountable for the performance of applications on their networks. Yet the combination of disjointed monitoring tools and after-the-fact troubleshooting techniques used in many organizations can fail to safeguard the performance of today's complex networks. Time lost while attempting to find relevant data among disparate utilities quickly adds up to longer mean time to repair (MTTR), lower IT service levels, and higher business costs.

A Performance-First approach to troubleshooting application delivery issues calls for a solution that quickly pinpoints performance bottlenecks and presents all diagnostic information through an efficient, repeatable workflow. NetQoS GigaStor, the long-term packet capture and analysis module of the NetQoS Performance Center, combines global application response time monitoring with drill-down into packet-level root cause analysis.

The ability to quickly drill down from response-time issues detected anywhere on the network to expert packet-level analysis can improve IT staff efficiency and resolve problems faster. The NetQoS Performance Center and GigaStor work together to help you rapidly pinpoint the cause of application-based performance issues.

How Will GigaStor Help You?

Improve Staff Efficiency

- « Display packet-level detail for issues detected by intelligent, application response time baselines
- « Filter on-the-fly with the appropriate packet level decodes
- « Capture full packet payload for retrospective analysis and transaction playback
- « Maintain visibility into virtual networks including traffic on the wire, between hosts and multi-tiered applications running across virtual machines within a single host

Reduce Mean Time to Repair (MTTR)

- « Diagnose performance issues down to the packet level to solve even the most complex application, server, and network issues
- « Visualize response-time details at nanosecond resolution and discover the root cause of performance problems using multi-hop analysis, connection maps, stream reconstruction and playback, URL performance analysis, and expert application analytics

Lower IT Costs

- « Capture traffic from saturated gigabit and 10 GbE links while supporting up to eight monitored ports
- « Store up to 288 TB locally or offload via built-in storage area network (SAN) support

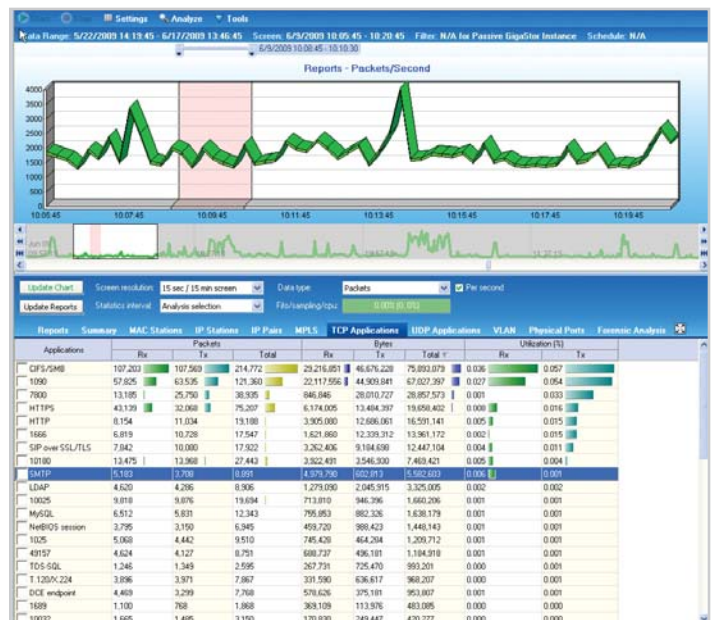
"The appliance passed our test with flying colors...

GigaStor stored high traffic volumes without missing a beat, was frugal with bandwidth, and the Observer console made understanding and solving even difficult network problems quick and easy."

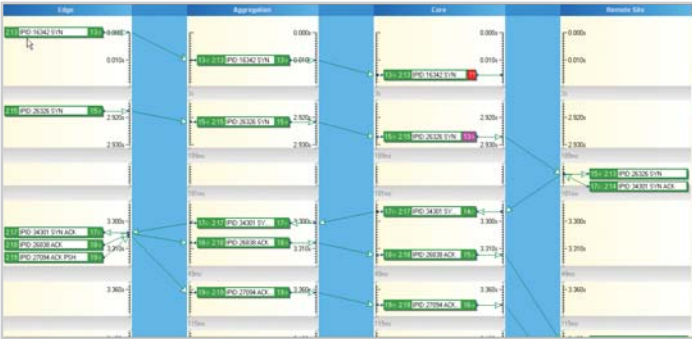
- Network World Clear Choice Test

A Look at NetQoS GigaStor

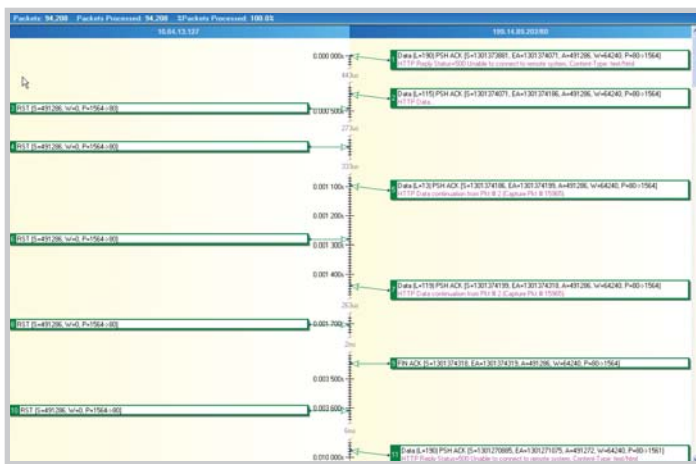
Conduct Root-Cause Problem Resolution



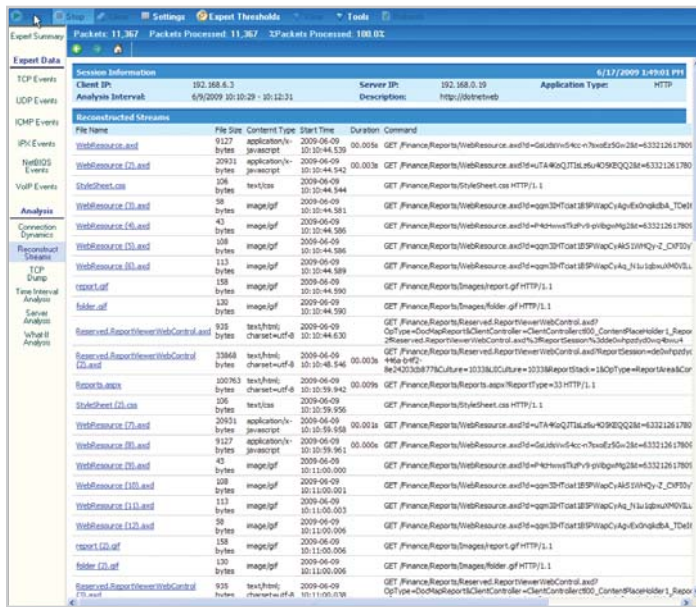
NetQoS GigaStor provides packet-level views at nanosecond resolution to help solve complex performance issues.



Understand precisely how packets move through infrastructure tiers with NetQoS GigStor multi-hop reports.



NetQoS GigaStor provides expert analysis including connection dynamics to isolate the root cause of issues.



Easily troubleshoot application problems retroactively by leveraging Observer Stream Reconstruction to recreate web pages, emails, and more.

Technical Specifications

System Specs

- 64-bit Windows appliance
- High-performance RAID packet capture array
- Includes 10/100/1000 Ethernet Management NIC
- Available AES-256 encryption of packet data-at-rest
- Available Lights-Out Management card
- Available SAN storage options
- Utilizes Gen2 Capture Card technology

For the GigaStor 4T:

Platform

3U Rack Mount Probe
Weight: 53 lbs (24.1 kg)

Dimensions: Standard: 16.9 in. (W) x 5.2 in. (H) x 25.7 in. (Mounting Depth) (Full probe depth with handles: 27.5 in.)
Metric: 42.2 cm (W) x 13.2 cm (H) x 65.3 cm (Mounting Depth) (Full probe depth with handles: 69.9 cm)

For the GigaStor 8T and 12T:

Platform

4U Rack Mount Probe
Weight: 85 lbs. (38.6 kg)

Dimensions: Standard: 19 in. (W) x 6.9 in. (H) x 26 in. (Mounting Depth) (Full probe depth with handles: 28.3 in.)
Metric: 48.3 cm (W) x 17.5 cm (H) x 66.0 cm (Mounting Depth) (Full probe depth with handles: 71.9 cm)

For the GigaStor Expandable:

Requires GigaStor Control Unit and one, two, or three GigaStor Expansion Units providing 16, 32, and 48 terabytes of local storage respectively.

Platform

GigaStor Control Unit 4U Rack Mount Probe
GigaStor Expansion Unit 3U Rack Mount Probe

System Specs

GigaStor Control Unit: Weight: 40 lbs. (18.1 kg)
Dimensions: Standard: 19 in. (W) x 7 in. (H) x 18.5 in. (Mounting Depth) (Full probe depth with handles: 20.4 in.)
Metric: 48.26 cm (W) x 17.7 cm (H) x 46.99 cm (Mounting Depth) (Full probe depth with handles: 51.82 cm)

GigaStor Expansion Unit: Weight: 62.5 lbs. (28.35 kg)
Dimensions: Standard: 19.0 in. (W) x 5.125 in. (H) x 20.5 in. (Mounting Depth) (Full Probe depth with handles: 21.5 in.)
Metric: 48.26 cm (W) x 13.01 cm (H) x 52.07 cm (Mounting Depth) (Full Probe depth with handles: 54.61 cm)

Each Expansion Unit Includes: 16 TB of Storage (configured RAID 5, other RAID configurations available on request)



**Request an evaluation of NetQoS
Gigastor today at
www.netqos.com.**

NetQoS, Inc.

With customer satisfaction ratings among the highest in the industry, NetQoS is the fastest-growing network performance management company. From financial services to energy to technology to government, over 1000 of the world's largest organizations depend on NetQoS products and services to manage their networks for optimal application performance.

NetQoS Global Headquarters

5001 Plaza On The Lake
Austin, TX, 78746 United States
Phone: 512.407.9443
Toll-Free: 877.835.9575
Fax: 512.407.8629

NetQoS EMEA

1650 Arlington Business Park
Theale Reading, RG7 4SA
United Kingdom
Phone: + 44 (0) 118 929 8032
Fax: + 44 (0) 118 929 8033

NetQoS APAC

NetQoS Singapore Representative Office
Level 21, Centennial Tower
3 Temasek Ave., Singapore 039190
Phone: + 65 6549 7476
Fax: + 65 6549 7001

Website: www.netqos.com

E-mail: sales@netqos.com

© 2005 - 2009 NetQoS, Inc. All rights reserved.
NetQoS, the NetQoS logo, SuperAgent, and NetVoyant are registered trademarks of NetQoS, Inc. in the United States and in other countries. ReporterAnalyzer is a trademark of NetQoS, Inc. Other brands, product names and trademarks are property of their respective owners.