



NetQoS[®] ReporterAnalyzer

The Industry Standard for Flow-based Reporting

Managing the network infrastructure for application performance requires complete, enterprise-wide visibility into the composition of traffic on every link and early detection of threatening traffic patterns. With this insight, network groups can quickly identify the source of performance problems, validate the impact of planned and unplanned changes within the network, and avoid unnecessary WAN costs.

NetQoS ReporterAnalyzer, the network traffic analysis module of the NetQoS Performance Center, gives engineers insight into how application traffic is impacting network performance. As the first enterprise product able to harvest a rich set of traffic statistics from Cisco IOS[®] NetFlow - and IP Flow Information Export (IPFIX)-enabled routers and switches, it is recognized as the industry standard for flow-based network traffic analysis in Global 4000 enterprises and large service providers.

ReporterAnalyzer is the only product that scales to support the volume of data on the world's largest networks, providing real-time visibility and behavior analysis of network traffic throughout the enterprise. Uniquely capable of accessing one year of data and reporting on 100% traffic flow, ReporterAnalyzer identifies the applications and hosts consuming the most bandwidth during a specified time period. This enables managers to make timely and cost-effective decisions for optimizing and improving network service delivery.

How Will NetQoS ReporterAnalyzer Help You?

Make More Informed Infrastructure Investments

- « Evaluate more efficient and less expensive upgrade alternatives by identifying the applications, hosts, and conversations that consume bandwidth in easy-to-understand charts
- « View the impact of application rollouts on WAN links and measure application traffic growth via protocol-level trend analyses, application baseline trend comparisons, and percent-growth tables
- « Spot potential bottlenecks with color-coded indicators for interfaces that breach defined thresholds and durations
- « Plan future capacity needs and customize bandwidth projection calculations by utilization, protocol and Type of Service (ToS)

Solve Performance Problems Faster

- « View real-time reports and alarms for every interface on the network for the past 30 days with one-minute granularity
- « View applications, hosts, and conversations consuming WAN bandwidth to isolate and resolve problems
- « Drill down from high-level enterprise summaries to detailed flow forensic records in just a few clicks
- « Identify every affected network link and server so problems can be contained and repaired quickly
- « Use host-based Anomaly Detection capabilities for early warning of malware, tunneling, rogue user behavior, host misconfiguration and other performance threats
- « Launch automatic investigations to diagnose the cause of problems

Optimize the Network Infrastructure for Application Performance

- « Leverage statistics to illustrate which applications use network resources, who is using them and when, to intelligently implement effective workload scheduling and QoS policies and avoid unnecessary link upgrades
- « Analyze trends in applications, hosts, and conversations per class of service
- « Determine appropriate application classification and validate QoS configuration changes within the network

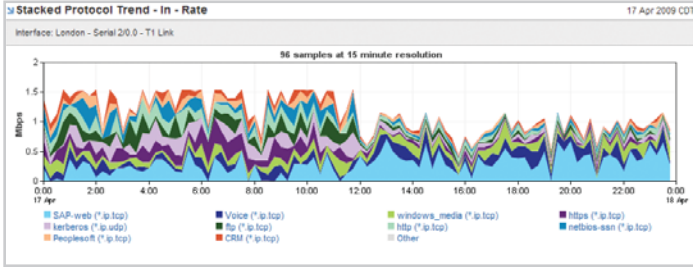
“NetQoS has proven invaluable for identifying, in real time, hosts consuming large amounts of bandwidth, but we also use it to assist us in our capacity efforts.”

- Barclays Global Investors, N.A.



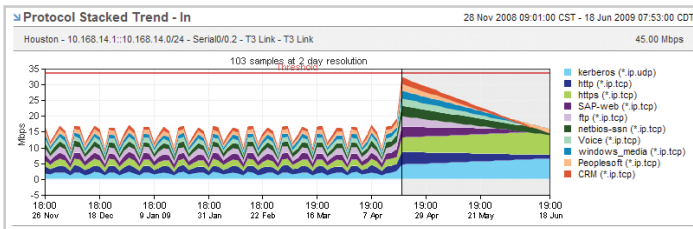
A Look at NetQoS ReporterAnalyzer

Analyze the Traffic on Every Link



ReporterAnalyzer shows network traffic composition.

Analyze network traffic for Capacity Planning



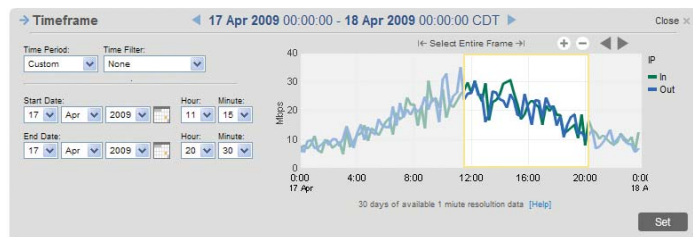
ReporterAnalyzer provides customizable calculations for capacity planning, including "what if" trending based on application, location and bandwidth.

Store Data for a Full Year



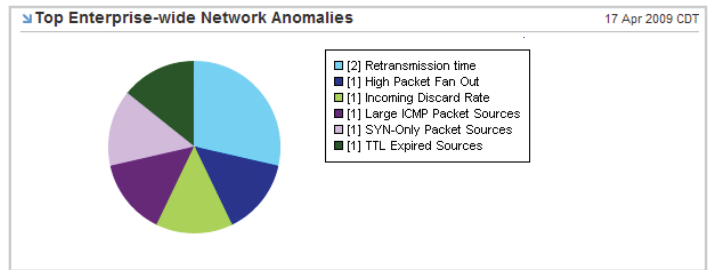
ReporterAnalyzer tracks and stores flow data for over a year to help monitor and track trends in network traffic and for capacity planning analysis.

Troubleshoot in Real Time



ReporterAnalyzer provides easy zoom-in access to detailed analysis (in this case by highlighting a particular time period).

Detect Anomalous Network Behavior



NetQoS Anomaly Detection capabilities highlight irregular traffic patterns that can impact network performance.

"NetQoS captures the NetFlow export data from Cisco routers and switches that already exist in many enterprises today, providing a viable, scalable solution to network congestion."

- Cisco Systems, Inc.

More Reasons to Use NetQoS ReporterAnalyzer

With full integration into the NetQoS Performance Center, ReporterAnalyzer gives managers objective data they need to better evaluate bandwidth upgrade needs. Managers can easily assess other cost-effective options such as job rescheduling, removing unwanted traffic, or reconfiguring applications to quickly determine the best approach and validate the results of the fix.

Some flow-based reporting products only sample small percentages of traffic, while others are able to monitor only segments of the network for a limited period. ReporterAnalyzer provides an enterprise-wide view of your traffic, allowing managers to make network performance decisions with all the data—not just a subset. This ensures accurate decisions are made regarding cost reduction, capacity planning, troubleshooting, and network traffic analysis across the enterprise.

Reporter Analyzer Features

High-Level Operations View

- « Color-coded indicators for interfaces over a defined threshold and duration
- « Top interfaces, protocols, and hosts across your entire network in a single report



Traffic Analysis Reports

- « Rate, volume, and utilization measurements by every flow field
- « Applications defined by a combination of ports, IP address, and QoS policy
- « Real-time reports and alarms at one-minute granularity for every interface on the network
- « Eight-hour, daily, weekly, monthly, yearly, or customizable reporting time periods
- « Baseline views and anomaly detection capabilities to identify abnormal traffic

QoS Reporting

- « Analyze trends in applications, hosts, and conversations per QoS policy
- « Determine if applications are being classified appropriately with real-time visibility into QoS policy utilization

Flow Forensics

- « Track 100% of all flow traffic on the network
- « Identify malicious behavior with all IP conversations
- « Set rate, volume, and count thresholds based on flows, packets, or bytes

Data Storage Capability

- « Retain and access over a year of enterprise-wide flow data with no data roll-ups
- « Report on 100% of flow traffic for the entire network for 30 days

Analysis and Real-time Alarms

- « Threshold alarms with suppression for applications exceeding bandwidth requirements
- « View threshold violations in high-level charts and tables
- « NetQoS anomaly detection capabilities automatically analyze Cisco IOS® NetFlow, IP Flow Information Export (IPFIX), sFlow, and J-Flow to profile your network and warn of any changes in behavior

Custom Reports

- « Combine multiple reporting criteria into groups
- « Customize time periods, reporting formats, and sampling resolutions
- « Display the data from any NetFlow field in a single report

Request an evaluation of the NetQoS Performance Center 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.

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