NetQoS® ReporterAnalyzer

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ca

technologies

CA NetQoS ReporterAnalyzer is designed to provide comprehensive, enterprise-wide visibility into the composition of network traffic, enabling organizations to make more-informed infrastructure investments, solve performance problems faster, and optimize the network infrastructure for application performance.

Business value

Managing the network infrastructure for application performance is paramount to IT organizations' success. CA NetQoS ReporterAnalyzer is designed to provide you with visibility into the applications and hosts that are utilizing resources, enabling cost-effective and timely decisions for optimizing and improving network service delivery. Real-time reports and alarms on each interface of the network, coupled with drill-down capabilities from high-level enterprise summaries into detailed flow forensics, help groups to identify problems and troubleshoot more efficiently, reducing Mean Time To Repair (MTTR).

Product overview

CA NetQoS ReporterAnalyzer provides insight into how application traffic impacts network performance. By harvesting a rich set of traffic statistics, it is designed to easily scale to support the volume of data on the world's largest networks, providing real-time visibility and behavior analysis of network traffic, customizable reporting, actionable alerts, and automatic investigations. CA NetQoS ReporterAnalyzer is designed to track 100% of all flow traffic to provide you with an enterprise-wide view of your traffic, allowing you to make network performance decisions with all the data—not just a subset. Customizable calculations for capacity planning, including "what if" trending based on application, location, and bandwidth, help ensure accurate decisions are made regarding cost reduction and capacity planning.

Delivery approach

CA NetQoS ReporterAnalyzer is designed to utilize the data collection capabilities of your existing infrastructure by leveraging traffic statistics collected from Cisco IOS® NetFlow and the industry-standard IP Flow Information Export (IPFIX)-enabled routers and switches. This provides a very economical method to collect meaningful data about network behavior.

CA unites professional, support, and education service elements under a single umbrella, providing your entire IT organization a seamless and fluid customer experience. CA Professional Services gives you insight and control over technology and deployment efforts, which helps reduce risk and accelerates time-to-value. CA Education Services transfers information and insight to increase the value of your CA technology. CA Support Services helps ensure your continuous success with trusted expert help and robust self-service tools.

Features

High-level operations view

- Red/Yellow 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

- Designed to track 100% of all flow traffic on the network

- Designed to 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

- Designed to report on 100% of flow traffic for the entire network for 30 days
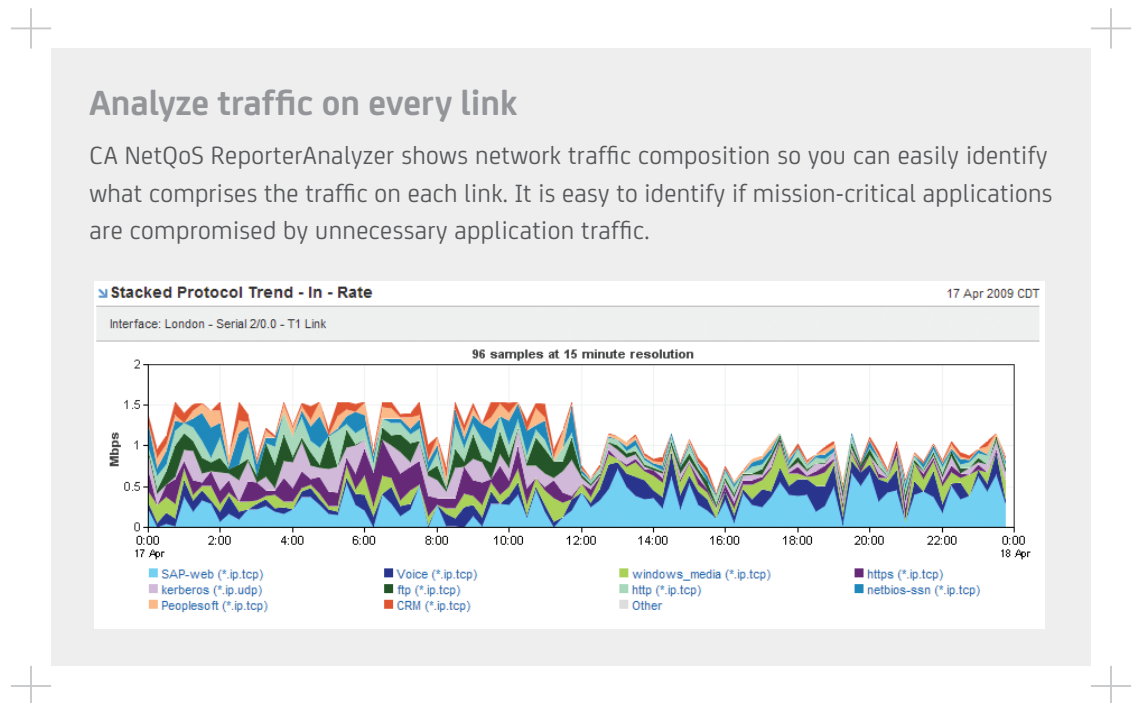
Analysis and real-time alarms

▪ Threshold alarms with suppression for applications exceeding bandwidth requirements

▪ View threshold violations in high-level charts and tables

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

Figure A

Analyze traffic on every link

CA NetQoS ReporterAnalyzer shows network traffic composition so you can easily identify what comprises the traffic on each link. It is easy to identify if mission-critical applications are compromised by unnecessary application traffic.

Benefits

CA NetQoS ReporterAnalyzer is designed to provide complete, enterprise-wide visibility into the composition of traffic so you can easily:

Make more-informed infrastructure investments

▪ View the impact of application rollouts and measure application traffic growth with protocol-level trend analyses, application baseline trend comparisons, and percent-growth tables

▪ Spot potential bottlenecks with color-coded indicators when interfaces 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

- Identify every affected network link and server so problems can be contained and repaired quickly

- View applications, hosts, and conversations consuming WAN bandwidth to isolate and resolve problems

- Use host-based anomaly-detection capabilities for early warning of malware, tunneling, rogue user behavior, host misconfiguration, and other performance threats

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

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Why CA

CA NetQoS ReporterAnalyzer is recognized as the industry standard for flow-based network traffic analysis in Global 4000 enterprises and large service providers. CA NetQoS ReporterAnalyzer provides a more effective way to manage network traffic. It integrates with the CA NetQoS Performance Center and many CA, third-party, or custom IT management tools and embodies CA's Service Assurance vision of simplified, dynamic IT management. CA Service Assurance solutions uniquely link real end-user experience, transactions, and applications with the underlying systems and network infrastructure supporting them so you can understand the real-time performance, risk, and quality of business services across your physical, virtual, and cloud environments.

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