Traffic Analyzer

Key to Better Network Visibility & Security

TechBridge Traffic Analyzer enables you to capture continuous streams of network traffic and convert those raw numbers into easy-to-interpret charts and tables that reveal exactly how the corporate network is being used, by whom and for what purpose. You'll never again "take one for the team" – unless you want to.

Problem

Network engineers typically have very limited visibility into who is using network bandwidth and how they are using it. Without knowing which applications and users account for the most bandwidth usage, network engineers cannot easily diagnose network problems or properly match network capacity to business needs.

Solution

tbTrafficAnalyzer provides a new level of visibility into network traffic behavior and trends. By leveraging protocol to extract data from routers, it provides an in-depth view into which users and applications are consuming the most bandwidth. It converts NetFlow data into charts and tables, providing network engineers with an easy way to identify and isolate the cause and source of network problems, as well as provide historical performance information to help plan for future growth. Pie charts show the distribution of bandwidth across different types of traffic (e.g., HTTP, FTP, VoIP) and across different users. Line charts and area charts show usage patterns and traffic distribution over time. tbTrafficAnalyzer can also identify the source of external traffic inbound to the corporate network.

Features:-

- Monitor, enhance, and troubleshoot networks.

- Support for sFlow, NetFlow, and NetStream.

- Granular insight of applications, users, and ports.

- Real-time and historical reporting on

- Gain Application and User Insight Through Comprehensive Network Monitoring

- Monitors network bandwidth & traffic patterns down to the interface level

- Identifies which users, application, and protocols are consuming the most bandwidth

- Highlights the IP addresses of top talkers

- Explores historical IP flow conversations with up to one minute granularity

Benefits for Network Traffic Monitoring/ Analyzing

Proactive monitoring, not reactive
Network performance today is inextricably linked to business performance. IT Ops needs to understand how degraded performance and security incidents affect end users, and ultimately the business.

tbTrafficAnalyzer is a NetFlow analyzer that leverages behavioral analytics to baseline normal network behaviors, then alerts on changes that could affect user experience or indicate a security breach.

Properly plan for capacity changes
Ensuring networks have adequate resources to handle current and expected future bandwidth needs is essential.

With tbTrafficAnalyser network traffic monitoring, you can gain insight into network capacity, utilization, performance, and traffic composition to ensure high performing application delivery. Understand how network traffic flows change over time to prevent unwelcome surprises that could affect users.

Simplify migrations
Migrating applications to the cloud can be complex and time consuming. tbTrafficAnalyzer automates the mapping of application transactions to their underlying infrastructure so that application definitions and their interdependencies are easily identified and accurate. This simplifies a whole range of IT change initiatives, including cloud migrations.

Hybrid and multi-cloud visibility
Get the same easy-to-use network traffic monitoring across on-prem, virtual, and multi-cloud environments. Simplify your hybrid troubleshooting and reduce your network and application blind spots

Why Choose TechBridge Traffic Analyzer?

- It collects and analyzes flow data from multiple vendors, including NetFlow v5 and v9, Juniper J-Flow, sFlow , Huawei NetStream, and IPFIX.

- It alerts you to changes in application traffic or if a device stops sending flow data.

- It supports advanced application recognition.

- It shows pre- and post-policy CBQoS class maps, so you can optimize your CBQoS policies.

- It helps you identify malicious or malformed traffic with port 0 monitoring.

- It includes WLC network traffic analysis so you can see what's using your wireless bandwidth.

- It supplements Network Performance Monitor by helping to identify the cause of high bandwidth.

- It provides the ability to purchase and fully integrate with additional network monitoring modules (config management, WAN management, VoIP, device tracking, IP address management), as well as systems, storage, and virtualization management in a single web console.

Supported Protocols:-
- NetFlow
- J-Flow
- sFLow
- IPFIX
- NetStream

Feature Highlights

- **Network Traffic Monitoring:** tbTrafficAnalyzer offers you a complete, up to the minute network traffic visibility on bandwidth usage, conversations, subnets, traffic usage by application, traffic distribution by locations, top prefixes, top ASNs and a lot more.

- **Intuitive Dashboards and Widgets**: To keep a close eye on your network traffic, use default widgets and dashboards or configure personalized ones with a vast selection of filters and metrics. Alternatively, craft your own queries and drill down deep by using Flow Analyzer Data Navigator to explore the current and historical flow data.

- **Vigilant Alerting System**: Know about your network traffic issues before they affect your business. Setup a multitude of utilization, duration and frequency threshold-based alerts or adjust the existing ones for your needs. Have them delivered via individual notification channels such as email or a specific channel.

  Get notified when the UDP or certain Application traffic spikes occur, when no flows are received for more than a preset time interval, when the bandwidth thresholds are exceeded or any other possible scenario.

- **Comprehensive BGP Monitoring**: View real-time BGP path changes and understand reachability as well as performance between your AS and the Autonomous Systems of your clients and/or application providers. Accelerate the process of finding suitable BGP peering candidates and make informed interconnection decisions.

- **Blazing Fast:** With a more than 2 terabytes per second peak processing performance for a single DB query, obtaining even the most complex query results is a matter of seconds.

- **Highly Flexible Reporting Capabilities**: Slice and dice your flow data in a multitude of new ways. Customize widgets and dashboards with a vast selection of sophisticated filters and metrics to better monitor, manage and optimize the performance of your network.

- **Prolonged Data Retention**: Prolonged data retention, with the default level 3 data aggregation kept for 400 days. Query and make network optimization decisions based on a high definition view of your network activity.

- **Easy Deployment**: Fast and easy deployment process takes less than 15 minutes. Easy device registration. It is simple and works out-of-the-box, automatically detecting devices exporting flows within your network.

FOR MORE INFORMATION

About TechBridge

TechBridge is the World's leading Product & Solutions Company. Data Center Applications, Collaboration and Real Time Communication. DC Management and Monitoring, Disaster Management, Security, Collaboration and Cloud. Its market-leading Network Modernization, Unified Communications, Mobility and Embedded Communications solutions enable customers to quickly capitalize on growing market segments and introduce differentiating products, applications and services. We are an expert and leader in Government Solutions, Smart City Solutions, Data Centers and Large Enterprises. We do custom applications also, as per the customer requirements.

Certificates:-

ISO 9001	ISO 27001	ISO 20000	CMMi L3

ISO 15408-1	PinkVERIFY

Mail us at: sales@tech-bridge.biz

Address:- TechBridge Consultancy Services LLP
326, Tower B3, Spaze iTech Park, Sector-49, Sohna Road, Gurgaon-122018, Haryana