

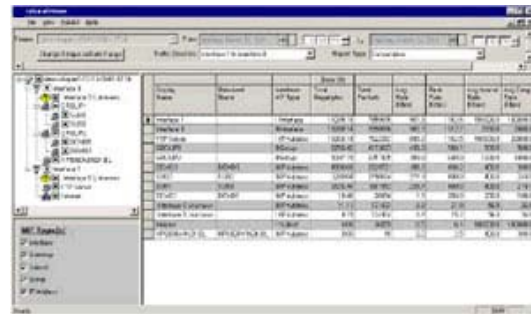
Dyband Solution: Gaining Visibility into Network Performance

Challenge:

For the third time in a week, one of your customers calls in to inform you that "... your service is not the same as it used to be". When pressed, the customer explains that download speeds are erratic, which suggests contention for available bandwidth. But how can a service provider assess the performance of an individual customer when their primary monitoring tool is one of the commonly-used products such as MRTG?

Solution:

Dyband provides unequalled visibility into the performance of the entire managed network. It does so by providing both real-time monitoring and historical reporting from the backbone level down to the subscriber level. Real-time statistics can be viewed in graphical and numerical format for the most recent 60 seconds, 60 minutes, and 24 hours (see screen capture below). Data is available for individual and aggregate traffic flows, with statistics for inbound, outbound, and half-duplex traffic maintained and displayed separately.



Host	Source	IP Type	Direction	Rate	Rate	Rate	Rate	Rate	Rate
192.168.1.1	192.168.1.1	IP Address	Inbound	1000	1000	1000	1000	1000	1000
192.168.1.2	192.168.1.2	IP Address	Outbound	2000	2000	2000	2000	2000	2000
192.168.1.3	192.168.1.3	IP Address	Half-Duplex	3000	3000	3000	3000	3000	3000

Additionally, Dyband provides powerful search tools which can 1) pinpoint the "Top 10" users in a variety of performance categories over the last second, minute, or hour, 2) locate all subscribers currently governed by the same service level policy, and 3) perform AND/OR searches to identify subscribers which share any of a number of other configuration features.

For deeper visibility into network performance, a service provider can make use of Dyband's archiving and reporting capabilities. Dyband follows operator guidelines to selectively archive real-time statistics in an SQL database, from which reports can be generated on-screen (see example above) and in HTML format. The reports can be customized to show average and peak transfer rates, total consumption, congestion, and aggressive usage for specified points in the managed network, or types of points (e.g., subnets and gateways), over a given comprehensive, customized reporting of performance data is invaluable for service providers, facilitating usage-based billing, capacity planning, well-timed provisioning, customer care, and technical support.

For further information on Dyband, and how it can benefit your firm, contact us at sales@dyband.com or visit us at www.dyband.com

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