



Performance & Service

Capacity Analysis & Reporting: A critical toolset to simplify complex analyses and decision-making for an optimized network infrastructure

See how the new Capacity Metric Module in StableNet® helps take the guesswork out of network capacity, availability and forecasting and provides an easily-visualized building block for smarter investments

Background & Motivation

Chocolate cake, pairs of shoes and fine wine: there are multiple instances in life when having too much is better than having too little. However, when it comes to your network infrastructure, your best approach is to follow the “Goldilocks Principle” and find the solution that is just right. Network operators in the telecommunications industries are particularly hard-pressed to ensure that they can manage multiple KPIs and consistently deliver excellent availability and performance to their market(s). An efficient and cost-effective approach seeks to minimize capital expenditures (CapEx) without sacrificing excellent service delivery of your business-critical applications and service-level agreements (SLAs). Your task then is to identify optimal performance thresholds and, with an up-to-date insight into current loads, make intelligent, pro-active investments. The reality is that almost nobody is going to praise excellent capacity management, but there is little doubt that they will become loud once performance begins to suffer.

Without a vendor-independent, scalable, and automated capacity management tool, you may be wasting resources without knowing it. For many new customers, an up-to-date view of their entire network link traffic and interface loads helps them to realize that they have over-capacity in some areas, while other interfaces are dangerously close to (or even exceeding) pre-determined thresholds. Thus the first step is often a reactive correcting for pre-existing inefficiencies. While this is a critical starting point, the real goal is to identify potential problems before they occur and update your infrastructure accordingly. Proactive capacity management requires one thing above all else - information.

StableNet® Solution

StableNet® offers a powerful network performance solution that provides you with key metrics about the entirety of your multi-vendor and –technology infrastructure. This includes information about round-trip time, throughput, jitter, latency, packet loss, and many, many more measurements that are absolutely critical for performance maintenance. Automated alarm and root cause analysis greatly facilitates quicker response times and improved mean time to repair (MTTR). The powerful Weather Map functionality allows you to visualize your architecture, enabling a “big picture” overview of your current network traffic. And with the new, fully scalable Capacity Metric Module, a new world of possibilities, options and insights begins to open up.

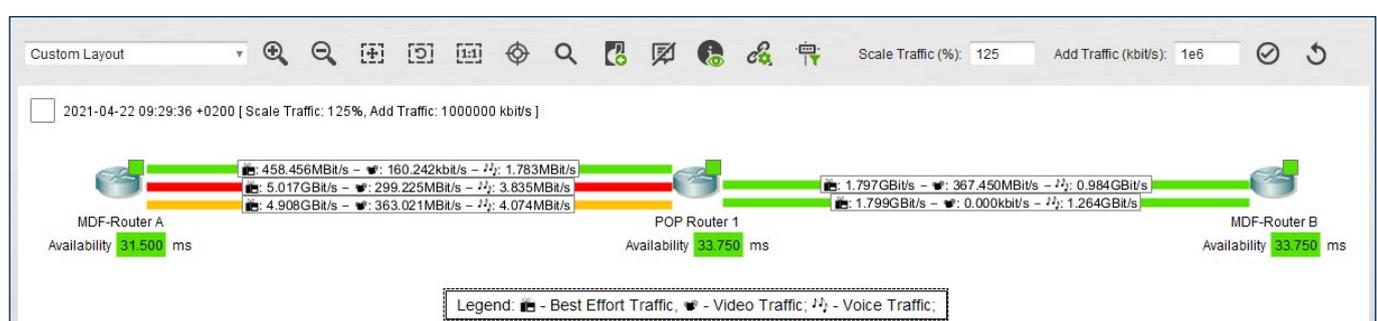


Figure 1: The Weather Map Module within StableNet® - visualize your architecture and get an overview of your current network traffic.

