Gigamon Network Efficiency Appraisal Team

Rapid Quantification and Optimization of Your Network Tools Performance and Costs

Determine the performance of your network monitoring and security tools and get best-practice recommendations from the Gigamon Network Efficiency Appraisal Team (NEAT).

This free service helps you answer essential questions, such as:

+ How efficient are your network tools today?

+ Should you make additional tool investments — even if you plan to shrink data center operations?

+ How do your metrics compare to similar organizations?

You'll learn how to measure and model your tool performance accurately while also quantifying its financial impact. The analysis includes the ability to examine the precise traffic composition and volume that feeds your data center tools.

With these new insights, you can make data-driven decisions about improving your network infrastructure. This includes ways to save on tool and infrastructure costs along with the ability to create fact-based cases for internal budget requests.

NEAT SERVICES BENEFITS

+ Assess initial optimization range in 45-minutes

+ Benchmark your current data center tool performance

+ Conduct traffic and cost analysis with your IT or finance teams

+ Create financial models to quantify the costs and efficiency of your data center operations

+ Identify opportunities to streamline traffic to tools and reduce tool sprawl without sacrificing data fidelity

Service Methodology

NEAT RAPID STUDY

1. Complete a survey to help NEAT understand your high-level parameters, such as types of data center tools, traffic volume and traffic growth

2. Attend a 45-minute call to discuss the data and how to use the tools supplied by NEAT

3. Receive your preliminary report containing metrics on traffic sent to your data center tools and learn how you stack up against industry benchmarks

NEAT TRAFFIC DISCOVERY

1. Attend a session to review the Traffic Discovery tools, deployment methods, sample data and report examples

2. Deploy the tool and begin information collection for NEAT analysis

3. Get your final report containing traffic analysis and optimization recommendations based on your unique data and metrics
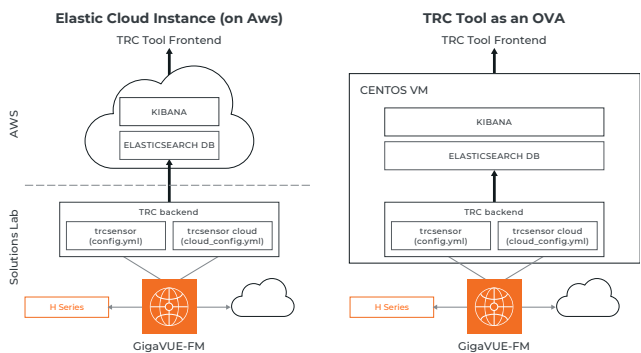
NEAT Tools

FINANCIAL MODEL TOOL SET

+ Spreadsheet-based models

+ Determines data center tools' efficiency based on ingress traffic, mapping traffic flows to tools, tool capacity, cost and more

+ Forecasts potential cost reduction or whether you can delay planned tool purchases based on opportunities in traffic reduction

Global Summary of Benefits				
I.	Current Traffic to Tools (No Traffic Reduction)			40 Gbps
	% Traffic Savings			73%
	Traffic to Tools With Traffic Reduction			10 Gbps
	$/GB Savings Possible – 1st year			$54,350
II.	Total number of tools in use today			40
	Total number of tools needed			11
III.	Total cost, all tools in use today			$3,328,000
	Total cost, if optimized			$1,154,000
IV.	Current annual maintenance			$565,760
	Opportunity to reduce annual maintenance to			$196,180
		1-year cost	3-year cost	5-year cost
V.	New Tool Spend	$1,260,000	$5,332,000	$13,576,000
	New Tool Spend with optimization	$540,000	$1,800,000	$3,420,000

Global Input Fields (Defaults)	
Total Monitored Traffic (Gbps)	40
Annual Traffic Growth Rate (%)	20%
Tool Upgrade Util. Threshold (%)	85%
Annual Support/Maint Costs (%)	17%

Per Tool Overrides (Enter any unique values otherwise Global Input Fields Defaults are used.)

Tool Name	% of Total Network Traffic Each Tool	Total Traffic to Each Tool (Gbps)	Max Tool Capacity (Gbps)	Designed Capacity per Tool (Gbps)	Initial Number of Tools	Current Level of Capacity Utilization	Cost per Tool	Initial Total Cost for Tools (HW+SW)	Subscription & Maintenance Cost (Annual)

Elastic Cloud Instance (on Aws) — TRC Tool Frontend

TRC Tool as an OVA — TRC Tool Frontend

TRAFFIC DISCOVERY TOOL SET

+ Can be deployed in virtual or physical environments

+ Monitors and provide traffic intelligence, including volume by application, if specific tool traffic is irrelevant and what-if scenarios for traffic reduction

Meet the Team

Gigamon NEAT members are experts in the space, backed by the experience of building hundreds of real-world data center infrastructure models across all industries. They have a diverse skill set with backgrounds that include finance, IT operations, network and security engineering, as well as software development.

Interested in Appraising Your Network Efficacy with Gigamon NEAT?
Please Contact: traffic-assessment-team@gigamon.com