

# ExtraHop vs. Netscout

## You Don't Need to Scout Your Network If You Already Know What's Ahead

NetOps and ITOps face countless challenges created by hybrid environments, SDN, and shadow IT. But they are far from insurmountable. While legacy NPM solutions, such as NetScout—with its limited L7 visibility, shallow protocol analysis, and lack of machine learning—promise to deliver visibility and insights for the future, ExtraHop is already there. ExtraHop empowers IT teams to modernize at a massive scale to successfully maintain visibility into all transactions on the network and help to improve IT staff efficiency, MTTR and overall business productivity.



EXTRAHOP



NETSCOUT

### MACHINE LEARNING

ExtraHop leverages network data and applies machine learning to deliver deeper insights, maximum accuracy, and fewer false positives. ExtraHop's machine learning engine provides actionable insights by analyzing data in the cloud which has much more power to understand what is normal behavior and detect performance anomalies. NetScout has no machine learning. As datasets increase dramatically in size and complexity, there are simply not enough human resources or waking hours available to manually spot intruders and business concerns. A lack of machine learning puts enterprises at a major disadvantage.

**With constant growth of data, can you really monitor your environment without machine learning?**



100Gbps

EXTRAHOP

27Gbps

NETSCOUT

### SECURITY AT SCALE

ExtraHop gathers and analyzes 100Gbps of data in real time on a single appliance, providing rich, contextual insights within 15 minutes of being turned on. Our award-winning platform decrypts at line-rate and gives visibility into all SSL traffic, including PFS-encrypted sessions, and provides full visibility into every L7 transaction. NetScout claims a sustained throughput of 100Gbps, what they do with it is very limited. Sustained throughput drops to 27Gbps on a single appliance when decryption, full-stream reassembly, and payload analysis are needed.

**If analytics cannot scale, it cannot solve the problem.**



EXTRAHOP



NETSCOUT

### PROTOCOL ANALYSIS

ExtraHop supports over 50 protocols, providing key performance indicators such as database methods used and their processing time, file access by user, storage access time and errors, DNS response time and errors, web URI processing time and status codes, SSL certificates with expiration, and load-balancer and firewall latency. NetScout supports 30 protocols and has limited database visibility with no support for DB2, MongoDB, PostGRES, or Sybase.

**You can see the whole picture, or just part of it.**

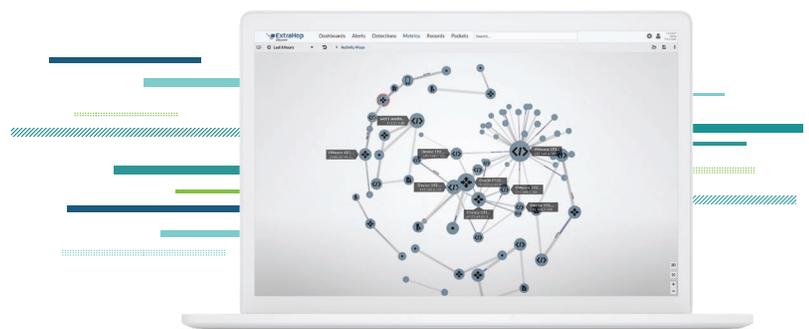
	ExtraHop	Netscout
Sustained Throughput*	100 Gbps	27 Gbps
Advanced Machine Learning	✓	✗
On-Premises, Virtual, and Cloud Deployments	✓	✓
Cloud Integrations (Azure, AWS)	✓	✗
Auto-Discovery and Classification	✓	✗
Enterprise Protocols	50+	30
Line-Rate SSL Decryption and TLS 1.3 Support	✓	✗
Indexed Transaction-Level Detail with Visual Search Queries	✓	✗
Extensibility (Custom Dashboards, Triggers, Open APIs)	Yes	Limited
Integration Partners	Open Architecture	Limited

\* Full-stream reassembly, decryption, and full payload analysis before writing to disk

## SEE EXTRAHOP IN ACTION

Try our fully interactive online demo to see how the ExtraHop platform applies the power of machine learning to your richest dataset—the real-time communications on the network.

[www.extrahop.com/demo](http://www.extrahop.com/demo)



### ABOUT EXTRAHOP NETWORKS

ExtraHop provides enterprise cyber analytics that deliver security and performance from the inside out. Our breakthrough approach analyzes all network interactions and applies advanced machine learning for complete visibility, real-time detection, and guided investigation. With this approach, we help the world's leading enterprises rise above the noise of alerts, organizational silos, and runaway technology. Whether you're investigating threats, ensuring delivery of critical applications, or securing your investment in cloud, ExtraHop helps you protect and accelerate your business.



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