# Data Center Visibility

Modern data centers pose fundamental challenges to reliable network traffic delivery. Compared to the static, centrally controlled, and relatively simple environments of the past, modern datacenters change constantly. With DevOps deploying daily to your cloud, load can be instant, variable, and huge — a herd of elephants stampeding across your infrastructure.
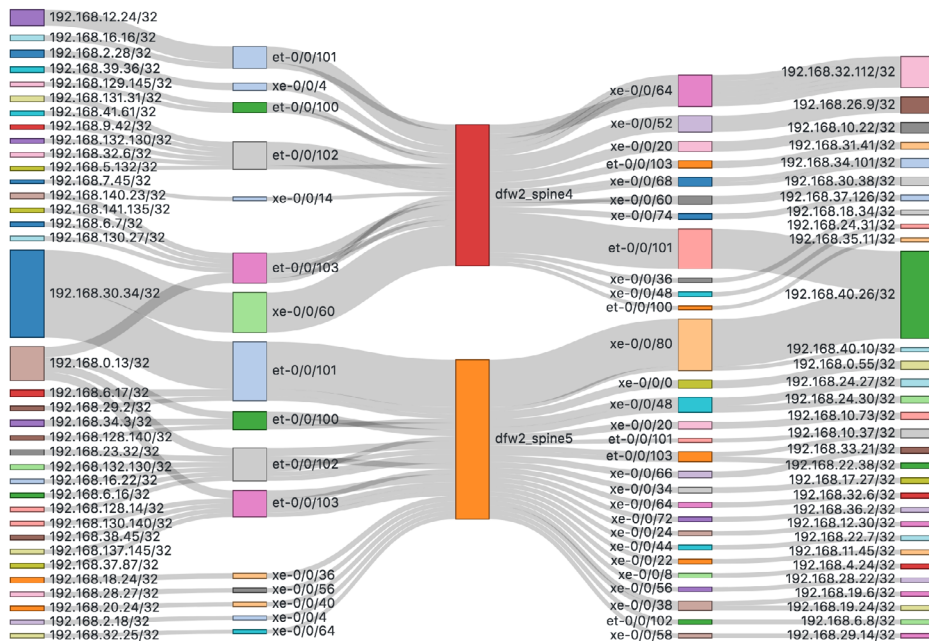
Visualizations speed time to root cause. Outlier flows that congest links or switches are easy to identify by relative bar or line segment size.

But you're still on the hook for performance and user experience. Automation and SDN can help, but often create magic tunnels across your infrastructure with no understanding of the impact. Network teams need pervasive, granular, real-time visibility to keep traffic flowing to users and customers.

KEY CAPABILITIES

Instant insight into the impact of application and infrastructure changes

Industry's most advanced traffic baselining, anomaly detection, and alerting

Granular visibility to investigate, drill down to root cause, and resolve issues

KEY BENEFITS

Eliminate monitoring blind spots and accelerate troubleshooting

Proactively detect congestion and other traffic anomalies to minimize Mean Time to Detection (MTTD)

Reduce Mean Time to Repair (MTTR) by 40% or more*

* Based on TechValidate survey of Kentik users

Data Center Visibility

Kentik's network traffic intelligence platform was built from the ground up to capture the full detail of valuable network traffic data, including east-west traffic, so data center network teams can see and respond to critical events in real time — without deploying costly appliances.
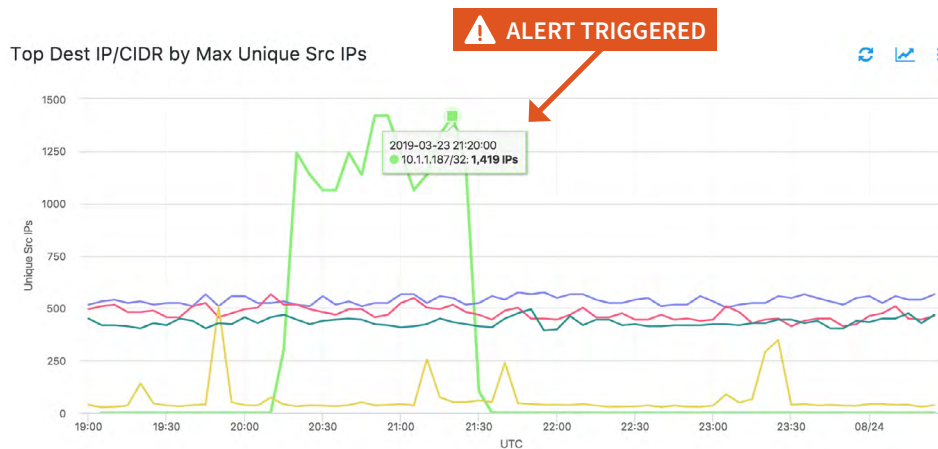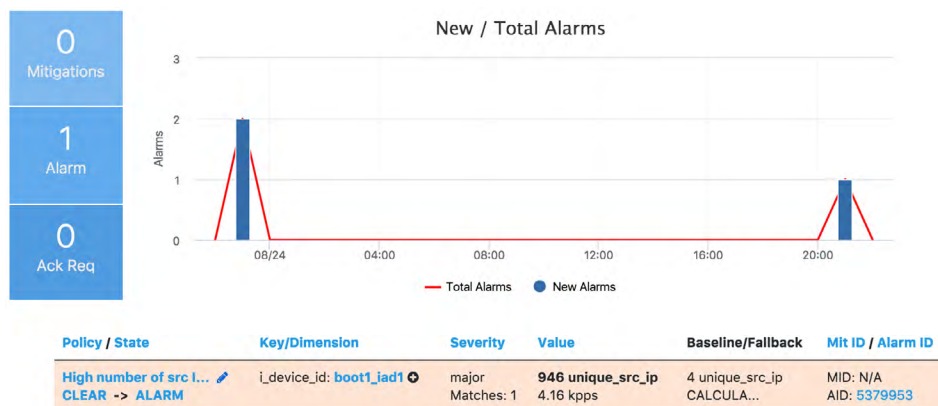
Kentik's alerting engine can proactively notify data center network operators of anomalous network activity along multiple dimensions. In this case, an alarm was triggered when an unauthorized Bitcoin mining client was started on a host and began receiving traffic from a number of unique source IP addresses far above baseline.

KENTIK CUSTOMER SUCCESS

"Kentik gives us a level of visibility within our infrastructure that we just didn't have before, and which we didn't find in any other approach that we considered or evaluated."

– *Steve DeJong, Network Architect*

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ABOUT KENTIK

Easily the world's most powerful network insight and analytics for the cloud-native world, Kentik® uses real-time flow analysis, uniquely enriched with application, routing, and internet context to power the network operations of leading enterprises and cloud and communication service providers (CSPs). Kentik's SaaS platform is built on a patented big data engine to deliver modern network analytics that is both powerful and easy to use. Kentik is based in San Francisco — learn more at www.kentik.com.

Products from Kentik have patents pending in the US and elsewhere.