# kentik®

Enterprise Solutions Overview

- Problem Detection
- Network Troubleshooting
- Capacity Planning
- Network / Cloud Cost Analytics
- Network Relationships

Problem Detection

Enterprise networks today are huge, spanning the globe and carrying gigabits or terabits of traffic. The volume of alerts and potential network problems continues to grow, false alarms mask real problems, and network teams struggle to keep pace. Kentik's ML-based detection engine finds problems that might be missed with traditional tools and generates insights that help network teams prioritize issues by impact and importance.
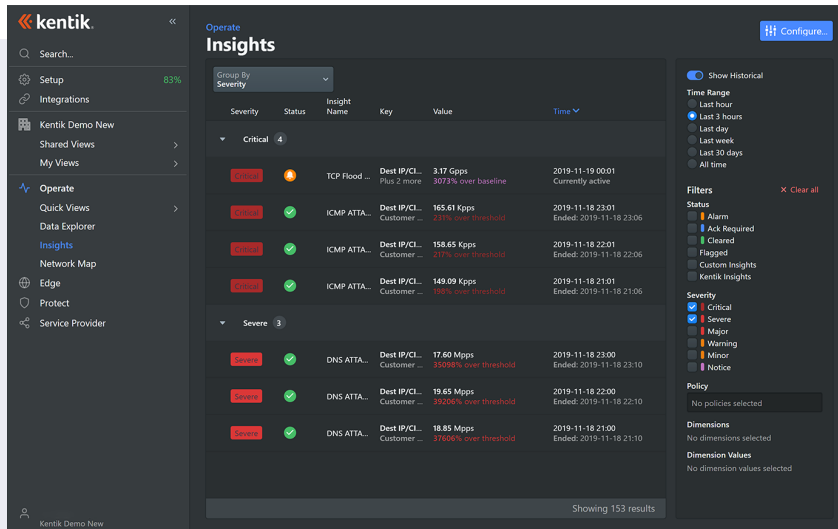
Benefits

Simplify monitoring with built-in, zero-configuration detection

Discover emerging network events before they affect customer experience

Triage and prioritize events to minimize impact to users, customers and services

Network Troubleshooting

Resolving network problems and mysteries is challenging. Add in the huge volume of data and the diversity of today's networks that span traditional and cloud infrastructure, and it becomes nearly impossible. Kentik's distributed architecture keeps all the data that teams need to understand what's happening on the network and why. Kentik's powerful visualizations and a modern UI allow teams to navigate to details quickly and easily.

Benefits

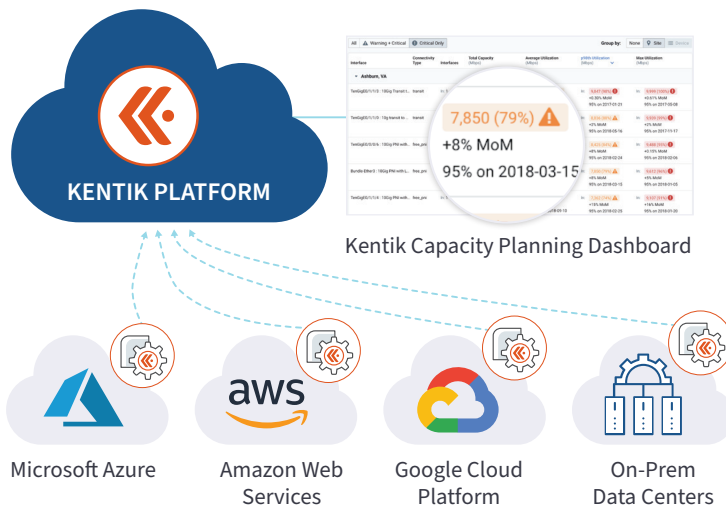Determine affected applications, services and users

Find root causes using guided troubleshooting steps

Minimize MTTR and business impact of network problems
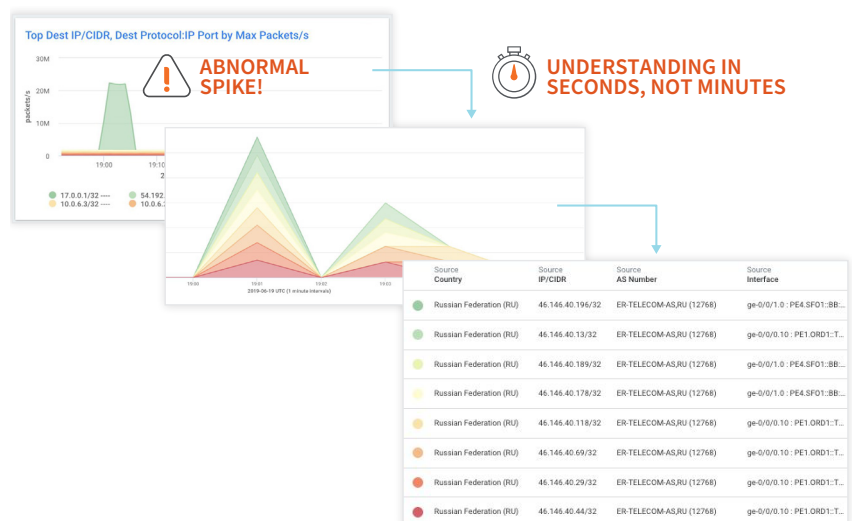
Capacity Planning

Continuous traffic growth and unexpected network loads can create congestion that dramatically impacts network performance and service availability. Ensuring that networks have adequate resources to handle current and expected future utilization is a critical task. Yet many organizations are still using spreadsheets and manual data collection to plan capacity upgrades. Kentik's capacity planning workflow automates this task, constantly collecting network data to predict future dates at which interfaces and links will reach utilization thresholds. Kentik also automatically prioritizes capacity issues and generates alarms to provide lead time to order new capacity or take other corrective action.

Kentik Capacity Planning Dashboard

Microsoft Azure   Amazon Web Services   Google Cloud Platform   On-Prem Data Centers

Benefits

Automate data gathering and correlation to prioritize the most critical capacity issues

Eliminate complex spreadsheets and manual planning processes

Prevent congestion surprises that impact applications or users

Network and Cloud Cost Analytics

As networks expand, costs for bandwidth and other network resources grow along with ever-increasing traffic volumes. Predicting those costs has been difficult though. Network managers must understand complex service provider billing models, in addition to accurately measuring traffic volumes at hundreds or thousands of interfaces across the network. Kentik's cost analytics workflow dramatically simplifies this task by combining provider billing models with real traffic measurements to produce dollars-and-cents figures that make cost prediction simple.

Benefits

Understand the drivers of overall network spend

True up provider invoices and discover billing errors

Eliminate billing surprises with automatic cost forecasts

Network Relationships

Network complexity has exploded. Modern applications are deployed across a mixture of internal data centers and public cloud environments, and may be dependent on hundreds of other services and external APIs. Combined with the dynamic nature of microservices and containers, it can be difficult to foresee unexpected outages when services are migrated or decommissioned. Network traffic provides the key to understand the complexity though, and Kentik's deep traffic history details and powerful visualizations make it easy to see how applications interact with infrastructure and deliver outstanding customer experiences.

Benefits

Navigate to areas of interest with a geographical representation of the network

Understand physical and logical connectivity between network devices and sites

Prevent unexpected outages by visualizing dependencies among hosts, containers and internal and external services

ABOUT KENTIK

For businesses running dynamic and complex networks that exceed efficient human operational scale, Kentik® is the provider of the only AIOps platform specifically designed for network professionals. Kentik uniquely unifies diverse data streams across cloud and traditional infrastructure to produce instant insights that accelerate network team efficiency, automate issue resolution, and create new business capabilities. Kentik is based in San Francisco. Learn more at www.kentik.com.

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

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