NETSCOUT®

Arbor Sightline with Sentinel

Arbor Sightline with Sentinel combines the technologies of NETSCOUT® and Arbor to deliver smarter traffic visibility and threat detection, as well as an automated, fully integrated DDoS defense. Sentinel delivers a unique combination of broad and deep visibility, building on the network visualization, threat detection and mitigation capabilities of Sightline.

Smarter Visibility and Security for Today's Complex, Multi-Vendor Networks

Attackers continue to mature, diversify and automate their toolset driving continued evolution in the DDoS threat landscape. While the occasional 1+ Tbps attack stokes media attention, the frequency of attacks in the 100-400 Gbps range is exploding – thousands of attacks that are changing the game when it comes to DDoS defense.

This new threat landscape requires a combined approach to mitigation, leveraging both data intelligence and infrastructure capabilities at the edge of the network. Arbor Sightline with Sentinel works within a multi-vendor network, understanding the capabilities of deployed router and switch infrastructure, combining those capabilities with those of the Arbor TMS to mitigate any DDoS threat effectively and efficiently.

Sightline with Sentinel provides real-time analysis of any attack, understanding the attack type and trajectory, as well as gathering feedback from any infrastructure involved in a mitigation.

- **See –** Holistic visibility into all DDoS traffic
    - No blind spots – see exactly what is being dropped, where, and why
    - Full real-time reporting for value-added service customers

- **Understand –** Optimize network protection using intelligent automation driven by Smarter visibility
    - See and understand all elements of an attack and its impact to network, service and customer infrastructure
    - Leverage automation take action to block attacks in the most efficient and scalable way

- **Defend –** Stop attacks by utilizing all available network infrastructure
    - Enable unprecedented mitigation scale and cost efficiency
    - Intelligently optimize mitigation based on infrastructure capability

HIGHLIGHTS

Increased Visibility

- The depth of our Smart Data provides over-the-top (OTT) traffic details enabling you to optimize your network for efficiency and cost-effectiveness.

Optimize Mitigation

- Intelligently optimize mitigation based on infrastructure capability to block attacks in the most efficient and scalable way.

Increase Collaboration

- Share attack data and request mitigation help from other networks.

Lowest TCO and Maximized ROI

- Large-scale software or hardware options, baked-in multi-tenant managed service support.

Reporting

- Detailed reporting and analytics for traffic dropped to see exactly what is being dropped, where, and why.

Visibility

Sightline with Sentinel delivers the visibility network operators need at both the network and service layer to best optimize their networks from cost, customer service and revenue generation perspectives. NETSCOUT Smart Data allows network operators to understand where and how major content services are traversing the network in order to optimize content delivery, peering and transit relationships.

Our insight into the traffic allows us to identify malicous communication that indicates infected hosts or IOT devices across the entire network. Our insight is derived from our ability to monitor DNS infrastructure.

Protection

Arbor Sightline with Sentinel reduces the cost of mitigating DDoS attacks by intelligently automating and orchestrating the mitigation capabilities inside and outside a network to deal with any attack. Sentinel understands the capabilities of the routers within a multi-vendor infrastructure so that they can be used effectively to manage attack traffic. An organization's network infrastructure is used in combination with the Arbor Threat Mitigation System (TMS) to optimally mitigate any attack, regardless of size and complexity, with detailed reporting of all activity provided through a single pane of glass user-interface.

Mitigation Without Border

Sightline with Sentinel also provides a unique, fully integrated inter-network signaling mechanism also allows networks to share attack data and coordinate defense against DDoS attacks, enabling services that span network boundaries and helping network operators to cooperate at an unprecedented level to collectively stop DDoS attacks nearer to their source.

Summary

Sightline with Sentinel is the only product on the market that can provide smart protection combining all available infrastructure capabilities and delivering detailed reporting on all dropped traffic; even that dropped by BGP Flowspec within network routers and switches.

For additional information on Arbor Sightline with Sentinel, Arbor Sightline, Arbor Sightline with Insight, and the Arbor Threat Mitigation System, please visit www.netscout.com.

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