

Lumen DefenderSM Managed Rules

For AWS Network Firewall

Lumen Defender Managed Rules offers backbone-level threat intelligence from Black Lotus Labs®, seamlessly integrated through AWS Marketplace Managed Rules. This subscription-based security solution delivers expertly curated firewall rule sets, powered by the global visibility and analytical depth of Black Lotus Labs.

Designed for seamless integration with AWS Network Firewall, Lumen Defender Managed Rules provides continuously updated threat indicators sourced from one of the world's largest internet backbones. It proactively detects and blocks threats at the network edge—automatically neutralizing malware, botnets, command-and-control (C2) infrastructure, malicious proxies, and open relays. With AI-driven precision, it empowers organizations to stay ahead of evolving threats and maintain a resilient security posture.

Early Threat Infrastructure Detection

Powered by Black Lotus Labs® intelligence, Lumen Defender Managed Rules leverages deep visibility across the #1 globally peered network¹ to identify, track, and mitigate threats at scale.

Rapid Automated Protection

Updated daily, fully managed rule sets allow customers to proactively block threats without manual intervention or infrastructure upkeep.

Actionable Intelligence with Context

Each indicator is classified as Malware, C2, or Botnet and severity, helping to reduce false positives and enable security teams to respond with clarity and precision.

Fully Managed Delivery

Seamlessly integrated with AWS Network Firewall, Lumen Defender Managed Rules are continuously maintained by Lumen, minimizing operational overhead and simplifying security management.



Common use cases

- Strengthen perimeter security with network backbone powered threat intelligence
- Reduce alert fatigue by automating high-confidence threat blocking
- Enhance AWS Network Firewall with curated intelligence from a trusted global provider

Why Lumen?

Lumen operates one of the world's largest and most deeply interconnected internet backbones, enabling Black Lotus Labs® to harness deep network visibility into emerging threats. This intelligence powers Lumen Defender Managed Rules, a fully managed solution that delivers curated threat data—seamlessly integrated with AWS Network Firewall. With this foundation, Lumen empowers organizations to stay ahead of adversaries, minimize risk, and respond with speed and confidence.

¹The Center for Applied Internet Data Analysis (CAIDA), AS Rank, January 2025.