



NEWS RELEASE

Lumen mitigates 14% more DDoS attacks in Q2 than in Q1

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Potential attack surface is growing as criminals look to disrupt, profit off DDoS and Ransom DDoS attacks
DENVER, Aug. 17, 2021 /PRNewswire/ -- The second quarter of 2021 was particularly active for cybercriminals, and many high-profile events dominated the headlines. To help businesses, government, clients and the industry better understand the security landscape, **Lumen Technologies** (NYSE: LUMN) today released its quarterly **Distributed Denial of Service (DDoS) report for Q2 2021**.

Experience the interactive Multichannel News Release here: <https://www.multivu.com/players/English/85243516-lumen-quarterly-ddos-report-q2-2021/>

"We are witnessing a rise in ransom DDoS attacks, where cybercriminals threaten to execute a DDoS attack unless a ransom is paid," said Mike Benjamin, Lumen vice president of security and Black Lotus Labs. "The threat actors aren't just looking to disrupt – they are frequently running criminal campaigns looking to make a profit. Some businesses are purely digital, and that makes them more vulnerable, because when the potential attack surface increases, this also increases the opportunity for threat actors. The best defense is a DDoS mitigation service that stops these attacks before they happen."

Key Findings from the Lumen 2Q 2021 DDoS Report:

IoT Botnets By the Numbers

22 Percentage increase in unique C2s tracked across Gafgyt and Mirai

11 Average increase in Gafgyt lifespan (in days)

18 Average increase in Mirai lifespan (in days)

431 The most C2s hosted in a single country (U.S.)

131 The most C2s issuing commands from a single country (U.S.)



173 Percentage increase in the number of botnets hosted in Brazil

DDoS Attack Trends By the Numbers

14 Percentage increase in attacks mitigated in Q2 over Q1

419 Largest attack by bandwidth (Gbps)

132 Largest attack by packet rate (Mpps)

10 Longest attack we mitigated for an individual customer (in days)

38 Percent of all DDoS mitigations that were multi-vector

The security team at Lumen analyzed intelligence from **Black Lotus Labs** – the company's threat research arm – and attack trends from the **Lumen DDoS Mitigation Service** platform. The Lumen platform integrates countermeasures directly into the company's extensive and deeply peered global network.

To learn more about Lumen's methodology and the detailed data used to create this report, please see the full **Lumen Quarterly DDoS Report for 2Q 2021**.

Additional Resources:

- Read the full **Q2 2021 DDoS report**.
- **Infographic** summary of the Q2 DDoS report data.
- For results from the previous quarter, see the **Q1 2021 DDoS report**.
- Take a deeper dive into **Ransom DDoS**
- Read more about Lumen **DDoS Mitigation Service**.
- Learn how organizations currently under attack can **turn up DDoS mitigation** in minutes through **Lumen DDoS Hyper**.

About Lumen Technologies:

Lumen is guided by our belief that humanity is at its best when technology advances the way we live and work. With approximately 450,000 route fiber miles and serving customers in more than 60 countries, we deliver the fastest, most secure platform for applications and data to help businesses, government and communities deliver amazing experiences. Learn more about the Lumen network, edge cloud, security, communication and collaboration solutions and our purpose to further human progress through technology at news.lumen.com/home, LinkedIn: /lumentechnologies, Twitter: @lumentechco, Facebook: /lumentechnologies, Instagram: @lumentechnologies and YouTube: /lumentechnologies. Lumen and Lumen Technologies are registered trademarks.

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