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DDoS

Case Study

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DDoS (distributed denial of service) - Amazon

- In February, 2020 Amazon hit with DDoS
- 800-pound gorilla of everything cloud computing, was hit by a gigantic DDoS attack in February 2020



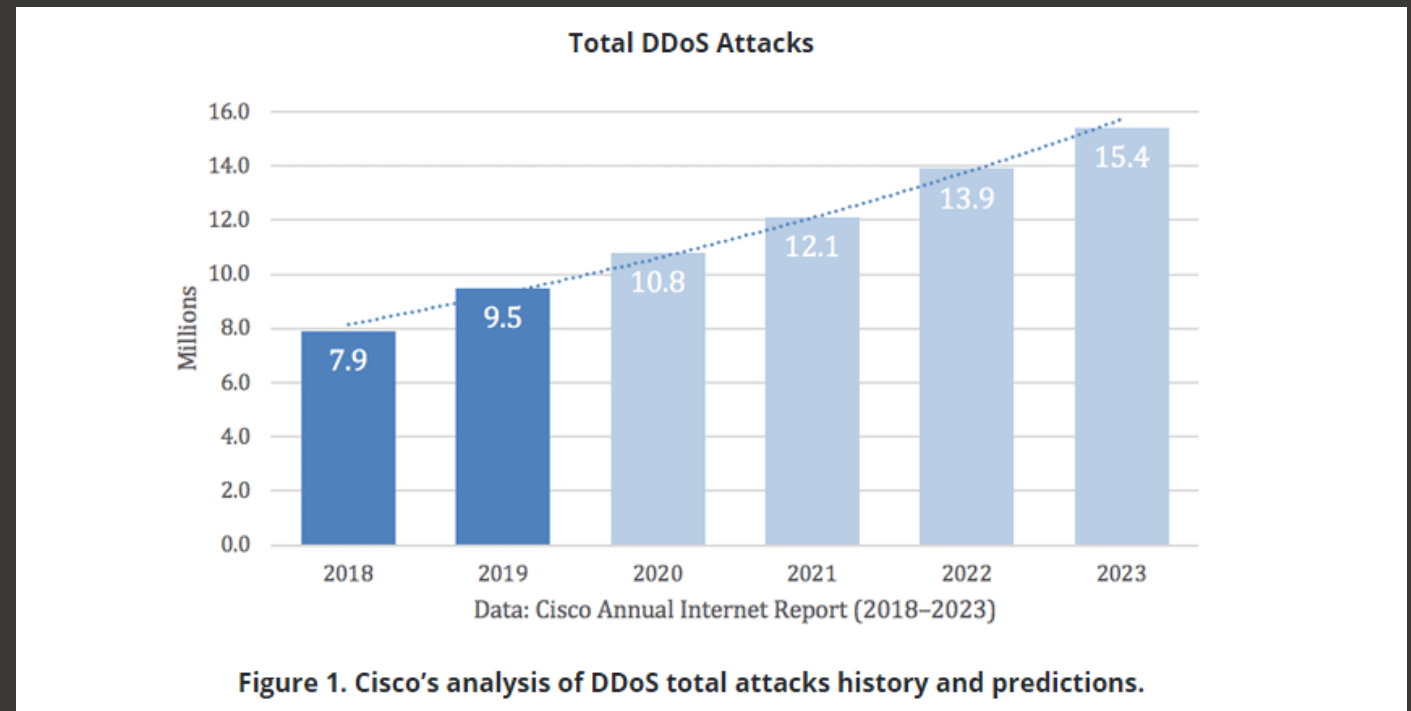
DDoS Attacks

A distributed **denial-of-service (DDoS) attack** is a malicious attempt to disrupt the normal traffic of a targeted server, service or network by overwhelming the target or its surrounding infrastructure with a flood of Internet traffic.

Some Other Businesses affected by DDoS Attacks include: Google, The Mirai Krebs, Bank of America, JPMorgan Chase, U.S. Bank, Citigroup, Wells Fargo, and PNC Bank, GitHub

DDoS attacks are on the rise

From 2018 to 2020 there has been an increase in DDoS attacks. They are projected to continuously rise in the coming years.



Amazon



- Amazon.com, Inc. is an American multinational technology company based in Seattle, Washington, which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence.
- One of the largest DDoS attacks suffered
- Amazon currently has 13 different sites it operates in different countries making it the largest online marketplace worldwide

Timeline

1

A DDoS attack started on Amazons AWS servers in February 2020

2

The targeted using a technique called Connectionless Lightweight Directory Access Protocol (CLDAP) Reflection

3

Attack peaked at 2.3 terabytes per second

4

The attack lasted 3 days

Costs

The average cost for DDoS attacks are between \$300,000 and \$1,000,000 per hour

Prevention

- Develop a Denial Of Service Plan
- Secure Your Network Infrastructure
- Practice Basic Network Security
- Leverage The Cloud
- Maintain Strong Network Architecture
- Understand The Warning Signs

Need Help

If your business is in need of help for any cyber security threat allow the certified experts at 360Cyber to help. Visit 360Cyber.co to get started and receive a custom package tailored to your business needs.

