

# Assessing Enterprise Security Readiness with DDoS Simulations



## Why Modern Enterprises Need DDoS Simulation Services

DDoS simulation services enable enterprises to identify and respond to vulnerabilities in their defenses against growing DDoS threats. By simulating various attack scenarios in a controlled setting, these services strengthen security and facilitate better incident response planning.

**150%**

Increase in DDoS attacks globally since 2020



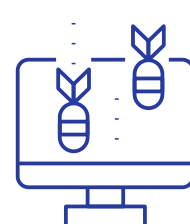
**200%**

Rise in DDoS attacks in 2023



**23000**

DDoS attacks occur every day



## Common DDoS Attack Targets Include:

- E-commerce websites
- Financial institutions
- Government websites
- Healthcare organizations
- Social media platforms
- Cloud service providers
- Web hosting companies
- Streaming services
- IoT devices and networks



## Sector-Wise Increase in DDoS Attacks



**794%**

Cloud/Saas



**230%**

Finance



**177%**

Government



**253%**

Healthcare



**\$200,000**

Average cost per DDoS attack without adequate cyber protection



**\$120,000**

Average cost of recovery from a DDoS attack for small businesses



**29.3**

Average number of attacks mitigated by organizations per day



## Effects of DDoS Attacks on Organizations

- Ransom costs
- Loss of revenue
- Loss of productivity
- Remediation costs
- Damaged reputation
- Loss of market share

## How DDoS Attack Simulations Can Help



- Evaluate DDoS defense performance
- Optimize defense system capabilities
- Assess third party vendor risk
- Enhance monitoring and instrumentation
- Improve operational incidence response

## Key Benefits of Implementing DDoS Simulations



Improved operational monitoring



Enhanced defense capability



Improved incident response time



Reduced mean time to resolution



Preparedness against DDoS attacks

## Experience the NuSummit Cybersecurity Benefit

- 100+ attack vectors
- 100 Gbps traffic generation capacity
- 200 agents with 10 GB bandwidth, 1 million/sec packet rate, and 4 million TCP connections
- Cloud servers (agents) in 140 global data centers
- Advance & Complex attacks including Application & Connection oriented attacks
- Real-time access to monitoring portal during attack simulation



**1 Tbps**

traffic generation capacity



**150+**

advanced attack vectors



Cloud servers (agents) in  
**140** global data centers



**200** agents with 10 GB bandwidth,  
**1 million**/sec packet rate, and  
**4 million** TCP connections

## Sources

- Zayo DDoS Protection EBook
- Radware Full Year 2022 Report: Malicious DDoS Attacks Rise 150%