

# DDoS Stress Testing Services

YOUR Safety is OUR Business!

## WHY?

Empower your organization with real-world simulations of high-intensity attacks.

**Don't let a DDoS attack take you down.**

### BIT SENTINEL

offers comprehensive L4 and L7 DDoS stress testing and risk assessment services, by sending millions of requests and terabytes of data per second to expose your vulnerabilities and to ensure your business remains resilient.

## IS YOUR BUSINESS PREPARED TO WITHSTAND A CRIPPLING DDOS ATTACK?

In today's hyper-connected world, DDoS attacks are a constant threat, capable of disrupting operations, damaging your reputation, and causing significant financial losses.

## WHY DDOS TESTING MATTERS

- > Proactive defense: identify vulnerabilities and bottlenecks before a real-world DDoS attack occurs.
- > Business continuity: maintain critical services and minimize downtime.
- > Data-driven decisions: leverage metrics gathered during tests to prioritize remediation and optimize resources.
- > Regulatory & industry standards: demonstrate compliance and enhance cyber resilience.

## OUR SERVICE AT A GLANCE

### FEATURES

**Protocols Covered**

**Attack Simulation**

**Scalability**

**Data Collection**

**Expert Guidance**

### DETAILS

L4 (TCP/UDP) and L7 (HTTP, HTTPS, WebSockets, database)

Realistic multi-vector DDoS (volumetric, application-layer, protocol-based)

Load generation from multiple global endpoints, up to multi-gigabit traffic and 20,000,000+ requests

Comprehensive performance metrics and bottleneck identification

Dedicated DDoS specialists for personalized strategy and post-test support

## KEY BENEFITS

- > Uninterrupted services: stress-test your infrastructure without risking permanent damage.
- > Cost optimization: evaluate your existing defenses to avoid overspending on unnecessary solutions.
- > Tailored assessments: customize test duration, volume, and attack vectors to match real-world scenarios.
- > Continuous improvement: establish baselines and measure improvements after every mitigation or upgrade.

# DDoS Stress Testing Services

YOUR Safety is OUR Business!

## OUR SERVICE AT A GLANCE

- 1 L4 (Transport Layer) Testing:**  
 Network saturation, bandwidth exhaustion, firewall / load balancer stress.
- 2 L7 (Application Layer) Testing:**  
 Web Application performance, database, server resource limitations, deep-layer vulnerabilities.
- 3 DDoS Risk Assessment**
  - Recon & environment review: identify weak points attackers might exploit.
  - Threat matrix: rank potential impact to prioritize response.
- 4 Full Engagement**
  - Pre-test alignment: define clear targets and success criteria.
  - Attack simulation & reporting: proactive “live-fire” tests with continuous performance monitoring.
  - Remediation assistance: actionable recommendations to strengthen defenses.

### DID YOU KNOW?

In 2024, DDoS attacks surged by up to 53%, reaching 21.3 million blocked incidents.

In 2024, DDoS attacks in Romania spiked, peaking at 1,016 on June 5 and hitting government and financial sites June 17–21.

### SERVICE

### DESCRIPTION

### BENEFITS

**DDoS Stress Testing**

Simulate high-volume L4 and L7 attacks to assess your infrastructure and application resilience.

Identify bottlenecks, optimize configurations, and validate mitigation strategies.

**DDoS Risk Assessment**

Proactive analysis of your systems to identify potential DDoS vulnerabilities at both L4 and L7.

Uncover hidden weaknesses, prioritize security investments, and develop a comprehensive DDoS mitigation plan.

### GET STARTED

Step 1: Schedule a consultation to define goals and scope.

Step 2: Execute controlled DDoS simulations aligned with your infrastructure.

Step 3: Receive a detailed report and remediation roadmap to enhance your DDoS resilience.

### READY TO ENSURE YOUR DEFENSE?

Don't wait for an attack to expose your vulnerabilities. Take proactive steps to protect your business.

Contact us today to schedule a consultation and learn how we can help you safeguard your business from DDoS attacks.