

DDoS Attack – A High-Level Overview

Distributed Denial of Service (DDoS) attack is one of the most powerful weapons of cybercriminals to attack websites and online services.



Definition

The DDoS attack overwhelms the websites with an abundant amount of traffic than the network or server can handle.

Types of DDoS Attacks

1. Volume-based DDoS attacks
2. Protocol-based based DDoS attacks
3. Application-based DDoS attacks

Costs of DDoS Attacks

SMBs spend an average of \$120,000 restoring service and managing operations during a DDoS attack.

The cost of legitimate traffic being blocked by accessing the websites is not only of monetary value but involves a lot of other costs such as:

- Customer experience
- Reputation
- Financial value
- Repair and Rebuild

Symptoms that indicate the DDoS Attacks

- Inability to access the website or application from your networks
- Inbox associated with your network is flooded with spam emails
- Down in network performance
- Unavailability of a certain website, resulting in error notices

How to Prevent DDoS Attacks?

- Assume you are a target regardless of how small you are
- Don't rely on a traditional firewall
- Adopt off-premise cloud-based solutions like WAF
- Monitor application traffic continuously
- Prepare DDoS Resiliency Plan

DDoS Mitigation

When a targeted network or a server is successfully protected from DDoS (Distributed Denial-of-Service) attack, it is referred to as DDoS mitigation or DDoS attack mitigation.

Why DDoS Mitigation Service is more crucial than ever?

The team not only offers 24 × 7 traffic monitoring and DDoS attack mitigation but complete application security including:

- Latest security notification to protect your applications from known vulnerabilities
- Periodic penetration testing
- Business logic tests on all applications to find vulnerabilities, zero-day threats, and automated application risks
- Custom WAF rules to block attacks
- Tracking the malicious behavior of an attacker

How vulnerable is your website to DDoS attacks?

Indusface AppTrana would be the best option for availing of DDoS prevention and mitigation services.



Data Source: <https://www.msspalert.com/cybersecurity-research/kaspesky-lab-study-average-cost-of-enterprise-ddos-attack-totals-2m/>

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