infocom
TRUSTED SECURITY

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infoDDoS

DoS/DDoS ATTACK PROTECTION

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INFORMATION SECURITY

The operation of a government or financial institution, a large or small business, an educational or medical facility is inseparable from the use of digital information technologies. These technologies significantly simplify, streamline, and automate processes, greatly enhancing the efficiency of organizational, financial, manufacturing, or other operations. However, unauthorized interference in the operation of your information infrastructure by malicious actors or unethical competitors can not only disrupt critical workflows but also lead to significant reputational and financial losses due to the leakage of confidential information.

Infocom's information security services are designed to minimize any risks of unauthorized access to your infrastructure and ensure its reliable and continuous operation by providing comprehensive protection for both external and internal perimeters.

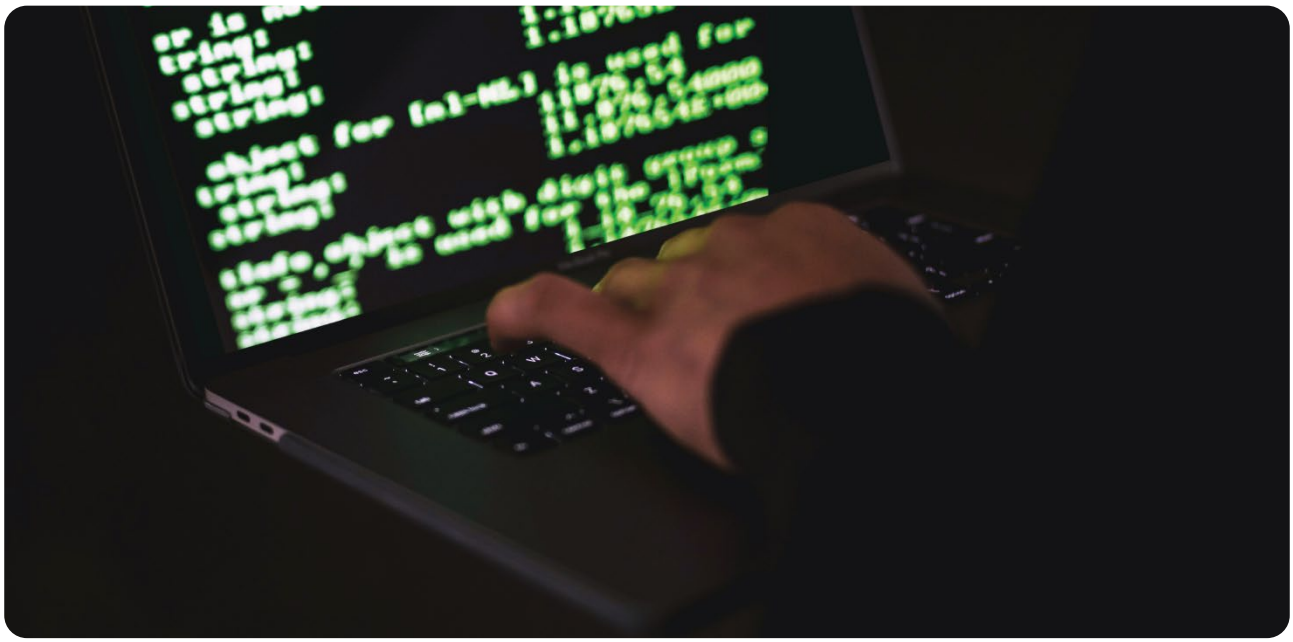
infoDDoS

Web Page

UNINTERRUPTED RESOURCE OPERATION WITH DOS/DDOS ATTACK PROTECTION

In today's world, a website is a critical business tool. Downtime can result in lost revenue, reputational damage, and direct financial losses. This is especially true for e-commerce platforms, banks, payment systems, and any organization heavily reliant on web interactions. Cybercriminals are well aware of the importance of online resources and often attempt breaches through Denial-of-Service (DoS/DDoS) attacks, aiming to disrupt operations.

Such attacks can be initiated by hackers demanding ransom or unethical competitors aiming to harm or slow down a rival business.



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One of the most common methods involves overwhelming the client's infrastructure with a large number of external requests, rendering it unable to respond to legitimate users or causing unacceptable delays.

DoS/DDoS attacks generally target services by:

- Forcing software or hardware failure, exhausting resources and halting operations.
- Overloading communication channels, reducing data transmission speeds to unusable levels.

The infoDDoS service can counter all known types of DoS/DDoS attacks and ensure the uninterrupted operation of your resources on the Internet through multi-layered protection, which includes a comprehensive range of modern tools to combat denial-of-service attacks.

The set of tools includes, in addition to behavioral protection, connection rate limiting, traffic limiting, SYN flood protection, and others, a built-in intrusion prevention system. This system serves as a high-performance method to counter attacks exploiting known vulnerabilities in the software used on your web portal.

Technologies and Protective Measures of the infoDDoS Service:

- Behavioral Protection provides defense against attacks based on traffic behavior analysis. The system detects abnormal traffic behavior patterns and takes the necessary measures to block them.
- Intrusion Prevention System ensures real-time detection and blocking of intrusions. It uses databases of known vulnerabilities and attack patterns to identify and block malicious traffic.
- SYN Flood Protection safeguards against attacks targeting network resources through excessive use of SYN packets.
- Connection Rate Limiting restricts the number of simultaneous connections per IP address attempting to access the protected resource.
- Traffic Limiting allows control over incoming traffic volume, helping to eliminate excessive load caused by an overwhelming number of requests.
- Stateful Packet Inspection is used to identify potentially dangerous data packets. It enables establishing relationships between packets, ensuring more accurate traffic analysis and detection of harmful requests.
- Port Scanning Protection identifies and blocks attempts to scan open ports on the protected resource.
- HTTP Flood Protection detects and blocks attempts to overload the web resource with requests.

Benefits of infoDDoS service:

- Uninterrupted online presence: Ensures the continuous operation of your internet resources.
- Risk reduction: Minimizes the impact of attacks on your organization's activities.
- Cost efficiency: Eliminates the need for expensive hardware and licenses.
- Time savings: Allows you to focus on strategic goals while we handle security.
- Expert support: Leverage Infocom's specialists without additional training for your staff.
- Round-the-clock monitoring: 24/7/365 tracking of attacks and incidents.