imperva
a Thales company

DATASHEET

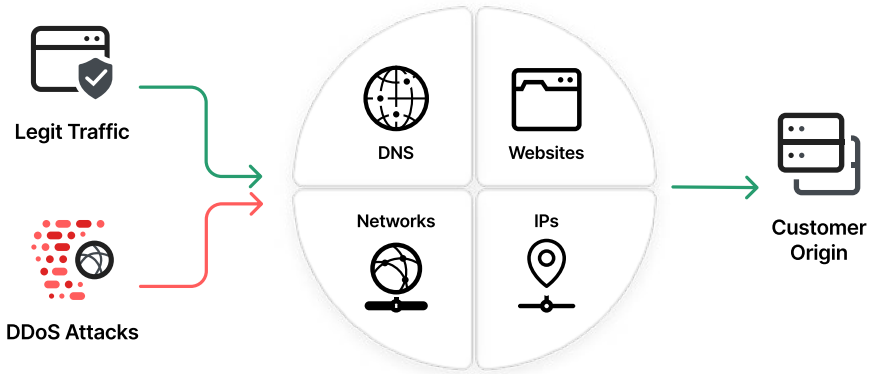
DDoS Protection For Websites

Automatic, instant protection

Websites are the lifeblood of the business, and a prime target for cybercriminals. Vast networks of bots are used to wage devastating Distributed Denial of Service (DDoS) attacks, slowing down or denying access to websites that lack proper protection while serving as smokescreens for malware and exploits. The effects can last long after the actual attack is over, and can result in loss of customer confidence, regulatory fines, and plummeting revenue. Websites need to be protected from DDoS attacks while ensuring an optimal customer experience at all times. The challenge is to make sure legitimate users are not blocked during an attack, or subjected to multiple annoying challenges like CAPTCHA screens just to get to the website.

Imperva DDoS Protection for Websites

DDoS Protection for Websites is an always-on mitigation service that manages any size, type or duration of attack with near-zero latency. It relies on two key capabilities, smart global transit capacity deployment and accurate scrubbing technology. No other solution comes close to the Imperva SLA of three second mitigation against any attack. The solution is activated by a simple DNS change.



KEY CAPABILITIES:

- Instant out-of-the-box protection
- Fastest, most comprehensive mitigation SLA in the industry
- Resilient CDN
- Every PoP has scrubbing capacity
- Non-reliance on CAPTCHA alone

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Aggressive, always-on protection

Acting as a secure proxy, Imperva DDoS for Websites masks the origin server IP and directs web traffic through the Imperva CDN, constantly filtering and blocking DDoS traffic while allowing legitimate requests, even when under heavy attack. Non-reliance on CAPTCHA challenges alone speaks to the accuracy of this approach and improves response time for visitors without the annoyance posed by protection that relies on CAPTCHA.

Imperva simultaneously protects websites from the largest network layer attacks and the most devious application layer attacks.

Fastest attack mitigation

Imperva DDoS protection automatically blocks all assaults and does not require you to notify Imperva that you are under attack. We offer analyst tested fastest DDoS mitigation for any attack, of any size or duration.

High-capacity network

The Imperva software-defined network serves as a distributed global scrubbing center that holds more than nine terabits per second (10 Tbps) of on-demand scrubbing capacity and can process 65 billion attack packets per second. The Imperva network has successfully defended clients against some of the largest attacks on record.

Transparent DDoS Protection

With Imperva, users will never know that your website is under attack. They won't encounter latency, CAPTCHAs or annoying wait screens like those used by other DDoS protection services. And Imperva prevents direct-to-IP DDoS attack by hiding the IP of the origin server.

IMPERVA DDOS PROTECTION

Imperva DDoS protection services include:

DDoS Protection for Websites

DDoS Protection for Networks

DDoS Protection for Individual IPs

DDoS Protection for DNS Servers

Learn more about Imperva Application Security at +1.866.926.4678 or online at imperva.com

Imperva protects **critical applications, APIs, and Data**, anywhere, at scale, and with the highest ROI.