

Don't be in denial. Shield yourself from DDoS attacks.

DDoS Shield



The internet continues to grow in both size and speed. Residential gigabit connections are a reality, and smartphones can process more data faster thanks to the growth in mobile network access. The combination of increased bandwidth and proliferation of connected devices – many unsecured – expands the attack surface and potential for infiltration. This can result in larger, more frequent, and more sophisticated denial-of-service (DDoS) attacks. We understand DDoS attacks, having crunched the numbers on more than 21,000 in our 2018 Data Breach Investigations Report (DBIR).

DDoS attack frequency grows.

A DDoS attack is a flood of traffic, often originating from thousands of infected devices, which can overwhelm your systems and network capacity, rendering them unavailable to those who need it most: your customers, partners, and employees. Over 40% of the security incidents we analyzed from 2017 involved these kinds of attacks, by far the most prevalent type identified.

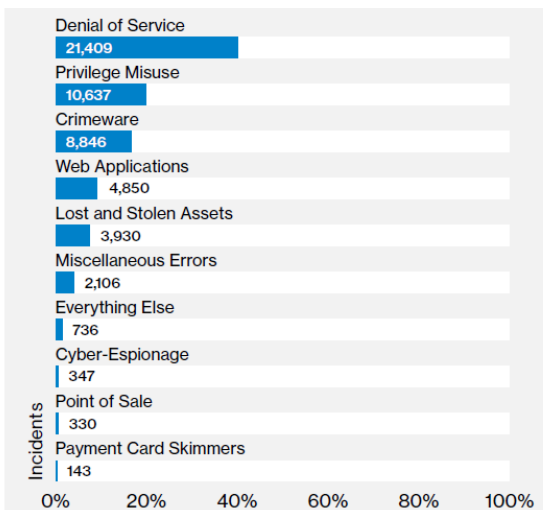
For most enterprises, this means that the threat of a DDoS attack seems inevitable, and these attacks are also increasingly paired with data breaches. If you become a victim, the trust your customers have in your security is weakened, potentially sending them to your competitors. DDoS attacks are a threat to your digital business and you need a mitigation plan. Protect internet-facing websites, applications, and infrastructure with Verizon DDoS Shield.

DDoS Shield is a cloud-based service that can tackle today's sophisticated and high-volume DDoS attacks, working across your enterprise environment to help you maintain your operations and achieve better peace of mind. Let us help you protect your reputation and maintain availability of your services for customers, partners and your workforce.

Today's internet consumers – especially millennials – are increasingly intolerant of a slow internet experience. Even if an attacker does not take your website offline, degraded performance could result in lost revenue.

Protection across carriers.

If you use a variety of service providers and carriers, setting up cloud based DDoS protection can be a challenge. Fortunately, DDoS Shield can protect your IP address space regardless of your internet service provider. No matter which network an attack comes over, you maintain routing control and activate our DDoS mitigation service when you need it.



2018 DBIR: Percentage and count of incidents per pattern (n=53,308)

The scale to beat future attacks.

DDoS attacks continue to increase in size, with one of the largest recorded attacks reaching bandwidth of over 1TB per second. Attackers are using public cloud computing resources and millions of connected devices—increasingly in the Internet of Things—to create powerful botnets. The sophistication of attacks also continues to grow, as hackers find new ways to spoof IP addresses to deploy amplification attacks that don't require botnets for a denial of service to be effective.

Many cloud DDoS services simply can't handle this kind of volume, but DDoS Shield leverages the massive ingress capacity of Verizon Digital Media Service's infrastructure, developed expressly to combat these high-volume attacks. Provided from the cloud, the service offers an ever-expanding mitigation capacity against current and future large-scale attacks. This alleviates the burden from your network and security perimeter systems, ensuring continued availability to your customers.

Intelligence-driven security.

Defending against DDoS attacks isn't just about brute strength—you need the right intelligence to know how to discern bad traffic from good. For almost 15 years, we've engineered and operated a global platform that successfully detects and mitigates potential DDoS attacks. We continuously scan the traffic on our worldwide IP network—one of the world's largest—for irregular patterns. With DDoS Shield, you get these security experts working for you.

In a DDoS attack you risk loss of revenue and downtime, but the biggest danger may be to your reputation. Don't give customers a reason to doubt the strength of your security defenses. Get DDoS mitigation services with the scale and sophistication to meet today's attacks, protect your brand and keep your services and applications available to power your business.

Learn more:

To start protecting your organization from DDoS attacks and other security threats, visit:

verizonenterprise.com/products/security

DDoS Shield Global Scrubbing Centers

DDoS Shield is available in 40 countries around the globe.



DDoS Shield Availability:

North America – Canada, U.S.

Europe – Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Liechtenstein, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

APAC – Australia, Hong Kong, Japan, New Zealand, Singapore, South Korea, Taiwan, Malaysia, Thailand

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