

Protect your vital infrastructure and applications

DDoS Shield for Public Sector

The internet continues to grow in both size and speed. With this growth comes an increased attack surface. The combination of increased bandwidth and proliferation of connected devices – many unsecured – creates potential for infiltration. This can result in larger, more frequent and more sophisticated distributed denial-of-service (DDoS) attacks. Though an attack can be catastrophic, a DDoS attack can be one of the easiest to mitigate effectively. In fact, according to data in Verizon's [2022 DBIR](#), most DDoS incidents fall between 13 Mbps and 99 Gbps, which is an easily mitigatable range with a robust mitigation service.

DDoS attacks frequency continues to grow.

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 constituents and employees. According to the [2022 DBIR](#), Denial of Service is the most frequent type of security incident representing 38% of the incidents in the Public Administration industry.

For most organizations, 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 citizens have in your security is weakened. DDoS attacks are a threat to your digital operations, and a mitigation plan is critical.

Help protect your applications and infrastructure with Verizon DDoS Shield. Part of Verizon's web security portfolio for organizations, DDoS Shield is a cloud-based service that can help tackle today's sophisticated and high-volume DDoS attacks, working across your organization's environment to help you maintain your operations and achieve better peace of mind. With Verizon, you're ready. We can help you protect your reputation and maintain availability of your services for customers, partners and your workforce.

The scale to beat future attacks.

DDoS attacks continue to increase in size, with one of the largest recorded attacks reaching bandwidth of over 2.3 TB per second.¹ Attackers are using public cloud computing resources and millions of connected devices—increasingly in the Internet of Things (IoT)—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.

Scaling to handle these attack volumes can raise many questions; will my IP provider ingest traffic at those volumes to perform mitigation, or will they drop the traffic before it can impact potentially thousands of other IP service users; does a pure cloud DDoS provider have any control over traffic being routed towards their mitigation centers by 3rd party network providers? DDoS Shield leverages the massive capacity of Edgio's CDN infrastructure, developed expressly to help combat these high-volume attacks. Provided from the cloud, the service offers an ever-expanding mitigation ingest capacity against current and future large-scale attacks. This helps alleviate the burden from your network and security perimeter systems, allowing continued availability to your citizens.

With Verizon, you'll be ready. We can help you protect your operations and the availability of the services you provide to your employees and the public.

Protection across carriers

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

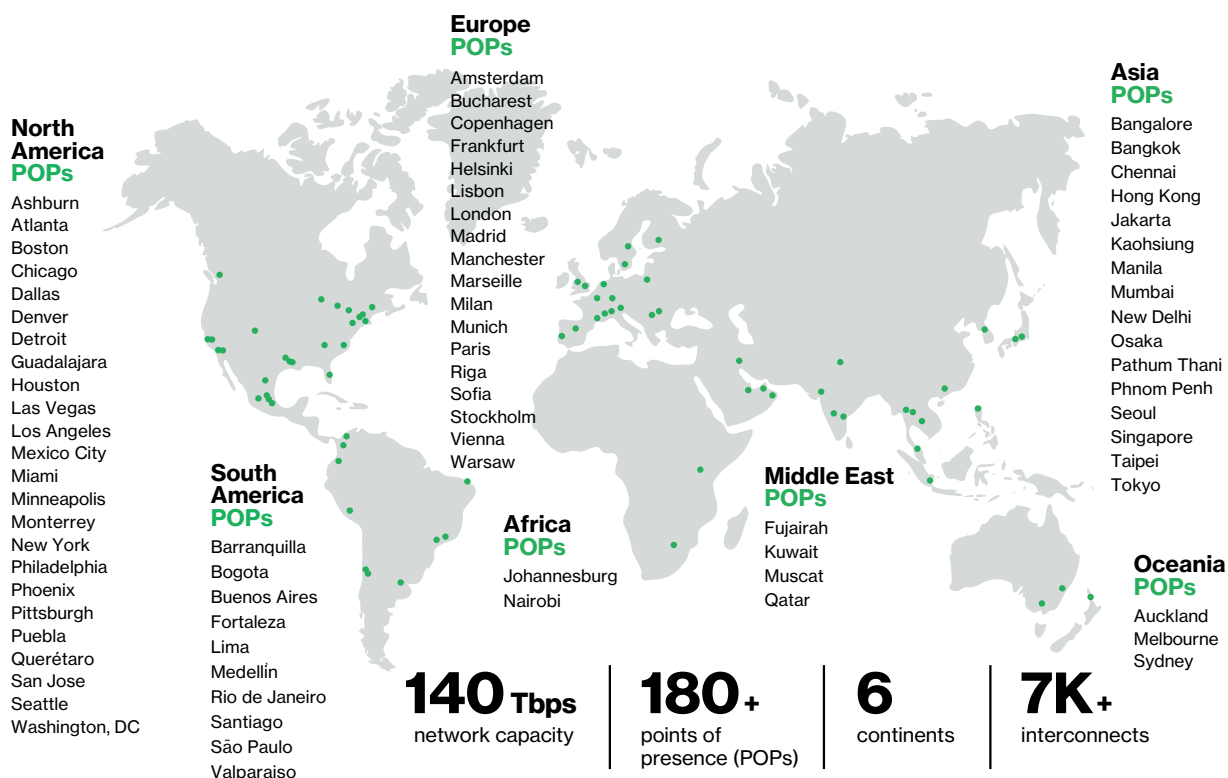
Today's internet users are increasingly intolerant of a slow internet experience. Even if an attacker does not take your website offline, degraded performance could result in poor customer service.

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

Asia-Pacific (APAC): Australia, Hong Kong, Japan, New Zealand, Singapore, South Korea, Taiwan, Malaysia, Thailand



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 over 20 years, we've engineered and operated a global platform that can successfully detect 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 our DDoS Shield Operations team experts with over 20 years of experience working for you. In a DDoS attack, you risk loss of downtime, but the biggest danger may be to your reputation. Don't give your citizens a reason to doubt the strength of your security defenses. Get DDoS mitigation services with the scale and sophistication to help meet today's attacks, protect your reputation and keep your services and applications available.

Secure your web applications

Your organization relies on websites and web applications that may process data outside your protected network. This means that your organization becomes susceptible to malicious attacks that could threaten your network infrastructure and your sensitive data. With Verizon's Web Application Firewall (WAF), you can get an extra layer of protection against external threats by monitoring, detecting and preventing application layer attacks. Our WAF inspects inbound HTTP/HTTPS traffic against reactive and proactive security policies, and blocks malicious activity in-band and on a real-time basis so you can have more peace of mind that you have help against the largest and most sophisticated DDoS attacks. DDoS Shield and Web Application Firewall combined help give you added protection against evolving online threats.

To learn more about how DDoS Shield can help protect your organization from these attacks, contact your Verizon Account Manager, call 844.825.8389, or visit [DDoS Shield - A Cloud-Based DDoS Mitigation Solution](#).

