



# DDoS Mitigation Service

Always-on monitoring to protect against the most advanced cyber attacks



Allow Exponential-e to protect your business and minimise the impact of bad IP traffic with our leading-edge DDoS Mitigation Service.

From start-ups to enterprise organisations, a secure, reliable online presence is a key requirement for every business. However, Distributed Denial of Service (DDoS) attacks are increasing in frequency, scale, and length, with the average attack costing businesses \$50,000 in lost revenue from downtime and migration. To make matters worse, many criminals are now conducting multi-vector attacks that combine a range of different methods, and even using DDoS attacks as a distraction from other, equally insidious, security threats. As a result, protection from such attacks is an ongoing challenge for organisations across virtually every sector.

Exponential-e offers a leading-edge DDoS Mitigation Service that minimises the impact of attacks such as these. Unlike similar services currently on the market, our DDoS mitigation is hosted in our own business-only, 100GigE Network ensuring it offers a consistently high standard of performance at all times, ensuring it can respond to the most sophisticated attacks with minimal delay, helping avoid any service disruption. This is supported by our team of industry-leading cyber security experts, in-house security auditors, and 24/7, UK-based service

desk, providing the perfect blend of experience, expertise, and cutting-edge technology.

With just some basic details about your network, we can deliver a fully bespoke service, if required, to ensure your service is protected at all times. At no extra cost, we are also able to provide you access to view traffic trends, types and volumes in real time for reporting purposes, providing you with a clear understanding of your internet traffic and how it affects your business.



## DDOS MITIGATION FEATURES

- **Always-on monitoring.** 24/7 monitoring of internet traffic ensures that mitigation begins immediately, whenever needed – often before you are even aware of it.
- **Real-time view.** A bird's-eye view of your internet traffic, flow type and volumes provides you with the means to make effective usage-related decisions.
- **Automated reporting.** Comprehensive reporting tools help you take a more proactive approach to anticipating and preventing potential cyberattacks.
- **Hosted on our enterprise-class network.** This enables bad traffic to be identified within one minute – significantly faster than is possible with on-premises devices.
- **No configuration required.** You don't have to make any changes in terms of firewalls, policies, or user experience, minimising the impact on day-to-day operations.
- **Bespoke protection profile.** A bespoke protection profile for all your critical network-facing assets provides an additional layer of valuable security and protection.
- **Data scrubbing.** We do not simply discard black-holed traffic – we also offer the ability to 'scrub' it through our own platform, providing you with clean data at the end.
- **Service configuration.** By taking the time to fully understand your network and network-visible devices, we can configure the service to your exact requirements.

## DDOS MITIGATION BENEFITS

- **Reduced downtime.** Preventing a request overload allows you to optimise performance, reduce downtime and minimise business risk.
- **Increased security.** DDoS Mitigation will add a valuable additional layer of security to help protect your business against both existing and evolving threats.
- **Speed of deployment.** Your business will be protected from known bad IP traffic as soon as the service goes live, allowing for a fast, stress-free deployment process.
- **Peace of mind.** DDoS Mitigation prevents the fallout of attacks from affecting your customers' and end users' confidence in your solutions and the security of their data.
- **Avoid damage and recovery costs.** DDoS Mitigation helps prevent the extensive damage that attacks can cause to your network, helping you avoid the associated recovery costs.
- **More effective decision-making.** A comprehensive, real-time view of traffic patterns and types enables informed and conscious decisions.

## WE OFFER FOUR LEVELS OF DDOS MITIGATION, TO SUIT YOUR REQUIREMENTS:

### STANDARD DDoS Alerting

Automated alerts are enabled as standard for all Exponential-e internet services, allowing you to quickly and effectively respond in the event of an attack

### BRONZE Blackholing and reporting

This DDoS mitigation strategy works by routing all traffic to the specific IP address which is being attacked to a 'black hole', where it is blocked from the network. This includes access to the Logic Monitor portal, for bespoke reporting.

### SILVER Volumetric mitigation

This solution protects assets against attacks from typical volumetric attacks, such as reflection or amplification, incorporating smart blocking to prevent infrastructure from being overwhelmed with malicious traffic. Tailored reports are available through the Logic Monitor portal.

### GOLD Full scrubbing service

All the benefits of volumetric mitigation, combined with layer 7 capabilities, where any leftover traffic is sent to the scrubber for forensic scanning and filtering, for an additional layer of protection. Access to the Logic Monitor portal is included as standard.

### About Exponential-e

Exponential-e is a UK Cloud, Connectivity and Communications pioneer. Our commitment to innovation and consultative approach – combined with a self-owned, carrier-class network and presence in 34 world-class data centres across the UK – has made us a trusted technology partner for more than 3,000 companies, with nine ISO accreditations, a customer satisfaction rating of 96%, and an industry-leading NPS score, updated live on our website.

[www.exponential-e.com](http://www.exponential-e.com)