



KC Distributed Denial of Service (DDoS) Protection

Service Description

KCOM Distributed Denial Of Service (DDoS) Protection provides mitigation against DDoS attacks using the Arbor Peakflow service in the KCOM Core network. These attacks are increasingly targeted at customer's internet connections, swamping your connection with unwanted traffic, which causes interruption, slow connection and downtime for your business.

New tools enable anyone with an Internet connection and a grievance to launch an attack. This has changed the threat landscape and the volume of businesses that could be a potential target. It used to be certain verticals would be likely targets for DDoS like finance, gaming and e-commerce businesses. Today any business with a perceived offense or affiliation can become a target.

The hottest trend in DDoS today is the multi-vector attack, combining flood, application and state exhaustion attacks against infrastructure devices all in a single, sustained attack. These attacks are popular because they difficult to defend against and often highly effective.

The new realities of DDoS today require a new approach to DDoS defences. KCOM have been working with Arbor Networks, who are at the forefront of researching and combating DDoS for more than 12 years and with our investment in a new Threat Management System, we can now help mitigate these attacks across our network, quickly & simply.

KCOM uses high bandwidth DDoS mitigation techniques and protocol level accounting capabilities as part of the DDoS Mitigation service. The management systems continually analyses data so that when a DDoS attack is detected, unusual traffic can be redirected to the platform for cleaning. This will remove any traffic that matches known attacks or unusual traffic patterns and only pass the clean traffic on to the customer, ensuring your Internet connection is not swamped with traffic.

Once the service has been activated all traffic destined for the customers identified network is then diverted to the Packet Scrubber. The Packet Scrubber, using the customers profile and up to date analysis of known attacks, cleanses the traffic for onward routing to the destination network. Once KCOM detects that the attack has subsided, then the mitigation service is removed and traffic flows return to their normal path.

The basic service provides a default level of protection against these attacks. The Premium service is for customers who require a more bespoke template or specific protocol filtering for consistent and changing attacks that need to be honed to maximise the effectiveness of detection along with DDoS reporting.

Connection

Service	Ex VAT	Inc. VAT
KC DDOS Protection	£0.00	£0.00
KC DDOS Protection Premium	POA	POA

Rental

Service	Per Month		Per Annum	
	Ex VAT	Inc. VAT	Ex VAT	Inc. VAT
KC DDOS Protection	£83.25	£99.90	£999.00	£1198.80
KC DDOS Protection Premium	POA	POA	POA	POA