

DDoS Mitigation Service

Block DDoS attacks without interrupting normal network traffic

COMCAST
BUSINESS

SOLUTIONS
PROVIDER

Why You Need DDoS Protection

Distributed denial of service (DDoS) attacks have increased in ferocity and scale as customers increasingly rely on the Internet for business transactions. The Comcast Business DDoS Mitigation Service proactively detects DDoS attack traffic and can alert a Comcast Business Ethernet Dedicated Internet (EDI) customer when an attack occurs. Depending on the subscription ordered by customer and customer preference, Comcast Business initiates mitigation efforts automatically or after requested by the customer.

Comprehensive DDoS Protection

DDoS attack vectors vary significantly, and cybercriminals constantly refine their methods.

DDoS attacks are fast becoming one of the biggest concerns for corporate cybersecurity professionals. An attack can have serious business and customer loyalty implications, possibly interrupting operations for hours or days. It can prevent customers from making online purchases, employees from accessing corporate data, and administrators from running daily operations. Organizations of all sizes can mitigate DDoS risks by engaging a leading service provider such as Comcast Business.

Customer Benefits

Proactive Detection and Alerting

Warns of common DDoS attack factors.

Experienced

Comcast Business constantly monitors and protects its vital network infrastructure from DDoS activity.

Peace of Mind

DDoS attacks are thwarted before disrupting Internet access and business operations.

Cloud-Based

DDoS Mitigation is cloud-based and requires no equipment to install or manage on premises.

High Performance

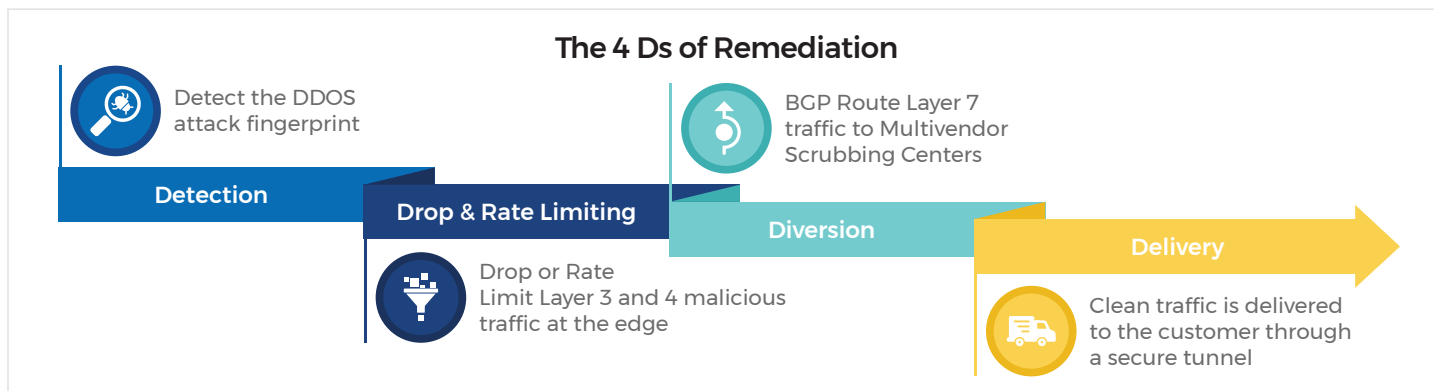
Scalable solution accommodates attack size with little impact during mitigation.

Customer Support

Highly responsive Comcast Business customer support team.

How It Works (Detection, Drop & Rate Limit, Diversion, & Delivery)

The Comcast Business DDoS Mitigation Service operates around the clock - 24x7x365 - and mitigation follows a four-stage process based on the 4 Ds of remediation:



When a customer subscribes to DDoS Mitigation Service, the Comcast Business team works with the customer's IT staff to tailor a solution for the customer's network. Countermeasure options and acceptance tests are performed for effective mitigation.

The Comcast Business DDoS Mitigation Service monitors network traffic for a specific set of IP addresses. When an attack is detected, customers receive an alert by email, text message or both. When suspect or malicious traffic to your network is detected, it can be dropped or rate limited as a first line of defense and/or directed to the closest geographically-located scrubbing center. Clean, legitimate traffic is forwarded to the network through secure tunneling, enabling Internet service uptime through the attack.

DDoS Mitigation Service Options

Comcast Business offers two flexible subscription service options for DDoS attack defense as follows:

	Incident-based Subscription	Unlimited Subscription
Detection/ Alerting	Proactive network-based detection / automatic alert notifications of DDoS attacks	
Initiating Mitigation	<ul style="list-style-type: none"> Auto detection and alerting Customer calls to commence mitigation (On-demand) Mitigation will cease after 12 hours unless customer contacts Security Operations Support to open another mitigation incident window 	<ul style="list-style-type: none"> Auto detection and alerting Choice of two configuration options: <ul style="list-style-type: none"> Automatic (default) On-demand (Customer calls to confirm commencement of mitigation)

Comcast Business Offers Strong Defense Against DDoS

By registering for the MyAccount portal, customers can gain access to detailed information about your DDoS Mitigation Service history, including the number of severity threats, how many have been mitigated, and threat history. Reports detailing threat history can be downloaded in PDF, Excel or CSV format. (See Figure 1)

For More Information About Comcast Business Cybersecurity Solutions

Speak with your local Comcast Business Solutions Provider.

The screenshot shows the Comcast Business MyAccount portal interface. The main heading is 'Cybersecurity' and the sub-heading is 'DDoS Mitigation Service'. The location is set to Philadelphia, PA. The service is identified as 'Unlimited Service Option on UNI 11.KRGS.009783.CBCL'. The 'Mitigation status' card shows 'DDoS Threat Monitoring' with 0 Activity High Severity Threats and 1059 Mitigated Threats for the month of August. A 'Recent Threat History' section notes that a high severity threat was detected at 3:04PM on August 01, 2018. Below this is a 'DDoS Threat Records' section with a table of records for the last 180 days. The table has columns for Alert ID, Severity, Mitigated, IP Address, and Date & Time. Five records are shown, with the first one having an Alert ID of 577721, a severity of High, and being mitigated on 08/01/2018 at 2:47pm.

Alert ID	Severity	Mitigated	IP Address	Date & Time
577721	High	Yes	24.61.108.180	08/01/2018 2:47pm
577692	High	Yes	73.143.51.192	08/01/2018 2:42pm
577659	High	No	73.159.203.225	08/01/2018 2:10pm
577657	High	No	107.3.35.198	08/01/2018 2:10pm
577560	High	Yes	66.31.235.79	08/01/2018 1:15pm

Figure 1 - DDoS Mitigation Service on My Account