

PRODUCT OVERVIEW

RACKSPACE DDoS MITIGATION SERVICES

Help protect your data and keep your business online with DDoS attack detection and mitigation.

Rackspace DDoS Mitigation Services offer comprehensive traffic monitoring, multi-layered anomaly detection technologies and immediate DDoS attack mitigation to help keep your data secure and your business online – all backed by 24x7x365

Fanatical Support® from DDoS specialists.

WHY RACKSPACE FOR DDoS MITIGATION SERVICES?

Rackspace delivers industry-leading SLAs and services. Our customers count on us to keep their systems safe and running 24x7x365. Our experts and anomaly-detection technologies are on-premises with your network equipment, so we can be the first to detect any anomalous traffic to your network. Rackspace DDoS Mitigation Services provide fast mitigation times because there's no need to configure routing connections or DNS hosting changes. Our goal is to keep your infrastructure safe and your business online during a DDoS attack by offloading malicious traffic processing to our DDoS mitigation hardware.

KEY BENEFITS

DDoS Mitigation Services can help you keep your network safe from distributed denial-of-service attacks.

DDoS Mitigation is available as a subscription service for proactive protection to identify malicious traffic with the first hostile packet, or as an on-demand service that can be activated if a security event is underway. Both services include expert setup and custom tuning of your IP-based DDoS protection. On-demand customers have the option to upgrade to the subscription service after 30 days with no additional set-up fee.

- **Multi-layered protections:** Secure your network with layered protections, from network-wide packet scanning, through granular traffic analysis, down to server-level anomaly detection, for the most comprehensive protection against volumetric DDoS attacks, network and session layer attacks, DNS attacks, and more.
- **Avoid Downtime:** Keep your business online and maintain application performance by focusing infrastructure resources on business workloads and offloading DDoS processing to our mitigation hardware.
- **Immediate Response:** DDoS specialists stay ahead of ongoing or imminent DDoS attacks with on-premises detection and 24x7x365 traffic monitoring to initiate mitigation measures and contact you when anomalous traffic is identified.

EXPERTISE

Allow Rackspace DDoS experts to help protect your network and monitor your traffic 24x7x365.

- **Rackspace routinely mitigates DDoS attacks** of 30 to 40 gigabits per second, and we have successfully mitigated attacks of more than 100 Gbps.
- **Our subscription service provides continuous traffic monitoring**, which allows it to learn your servers' "normal" network and port behavior. Anomalous behaviors immediately trigger an alert to our network security team, which is on the job 24x7x365 to fine-tune your service.

TRUST RACKSPACE

- A leader in the 2015 Gartner Magic Quadrant for Cloud-Enabled Managed Hosting
- Hosting provider for over 60% of the Fortune 100
- 15+ years of hosting experience
- #1 in hybrid cloud, according to 451 Research
- #1 hosting provider in the Internet Retailer™ Top 1,000

CONTACT US

1-844-859-0958

www.rackspace.com/en-us/custom-networking/ddos-mitigation

KEY FEATURES

- **Granular network-level traffic analysis** capable of handling tens of millions of packets per second examines all incoming packets for patterns of malicious activity.
- **Server-level anomaly detection** continuously compares current traffic to your server's normal network behavior and triggers an alert to the network security team when anomalous behavior is identified.
- **Packet filtering and rerouting** diverts suspicious traffic to our DDoS mitigation hardware to help ensure only legitimate traffic continues to your network.
- **Non-intrusive DDoS Mitigation Services** can be initiated without upgrades or re-architecting of your infrastructure.

SERVICE

We deliver **Fanatical Support**® for the world's leading clouds – it's the specialized expertise and 24x7x365, results-obsessed customer service that's been a part of our DNA since 1999.

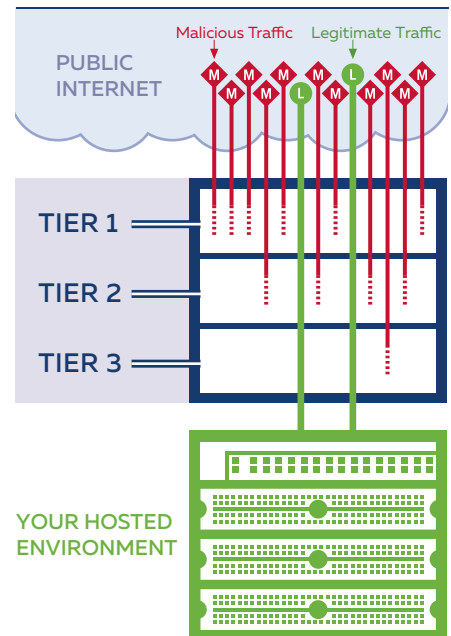
HOW THE RACKSPACE DDOS MITIGATION SERVICES WORK

Multi-layered anomaly detection, packet monitoring and filtering help to ensure that only legitimate traffic makes it through to your network.

ATTACK TYPES DEFENDED	RESPONSE TACTICS	PROTECTED NETWORK PROTOCOLS
CGI request, denial of capability, diluted low-rate degrading, direct, DNS request attack, high-rate, disruptive, hybrid attack, ICMP attack, isotropic attack traffic distribution, land attack, Xmas tree, mail bomb, non-isotropic attack traffic distribution, ping of death, reflector, TCP reset, TCP SYN flooding, TCP SYN-ACK, TCP URG-PSH, TCP idle attack, CC attack, teardrop attack, HTTP GET floods, HTTP POST floods, SIP invite floods, UDP flooding, URL flood, LOIC and HOIC DNS/NTP/SSDP/RIPv1 and other reflection/amplification attacks, slow POST, varied rate, using regex filters – based on need	Attack source path identification, filtering bandwidth throttling, reconfiguration over-provisioning, router queue management, IP blacklisting, DNS recursion attenuation, malformed packet dropping, up-to-date Intelligence feeds	FTP, GRE, HTTP, HTTPS, ICMP, IMAP, MVRP, NNTP, NTP, OSPF, PIM, POP, PPOe, PPP, PTP, RADIUS, RIP, RTPS, SFTP, SIP, SMTP, SNMP, SSH, TCP, Telnet, TTL, IPv6 compatible, other custom protocols

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SERVICES	SUBSCRIPTION	ON DEMAND
	Proactive protection against potential attacks	Protection activated if a security event is underway
One-time setup fee	•	•
Includes expert setup and custom tuning	•	•
Monthly fee	•	-
Includes periodic fine-tuning by security experts	•	-
Includes the first 30 days of DDoS mitigation	-	•
Option to upgrade to subscription service after 30 days with no setup fee	-	•
	Up to 100 IP entries	Only IPs currently under attack



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