DDoS Mitigation

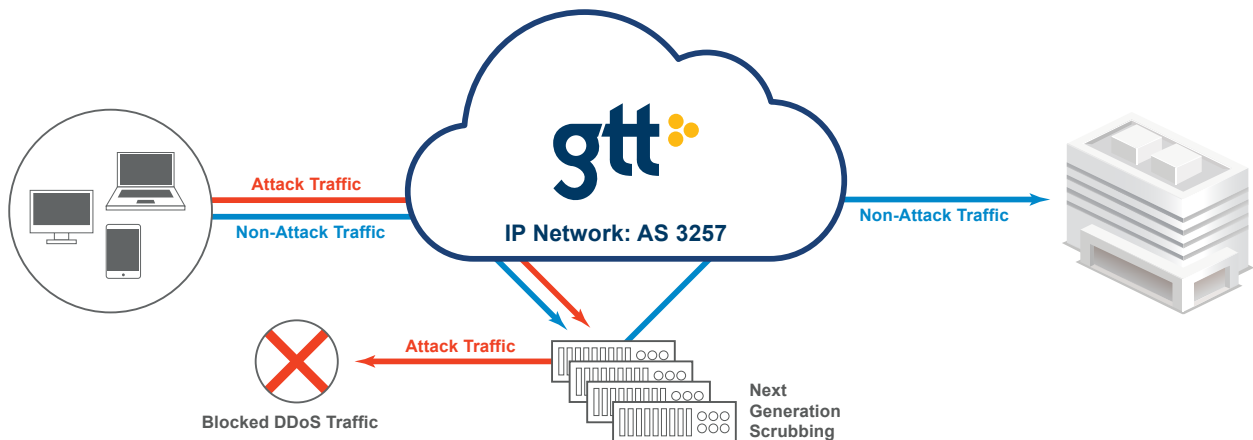## Comprehensive Protection for Your Critical Assets

DDoS attacks cost businesses millions of dollars per year in lost revenue, damaged brand reputation and customer churn. GTT's DDoS Mitigation service protects you from DDoS attacks, filtering out malicious traffic to safeguard your network and your business.

How DDoS Mitigation Works

In a typical DDoS attack, a critical Internet asset, such as a website, is overwhelmed with malicious IP data packets. These packets originate from a network of infected devices, with the goal of flooding a system's resources and blocking legitimate traffic from reaching its target destination.

With GTT's DDoS Mitigation service, malicious traffic is detected and blocked in real time. The traffic is cleansed and returned to you quickly and efficiently, ensuring that your business stays up and running. The service leverages the latest next-generation DDoS platform technology, providing immediate threat detection, deep packet inspection analytics and filtering of malicious traffic at GTT's scrubbing centers.

Proactive Mitigation

GTT's DDoS Mitigation offering is an always-on, managed service that applies both packet-based and behavior-based attack filtering techniques for comprehensive protection of your critical assets. As a proactive service, traffic is continuously and automatically routed through GTT's DDoS Mitigation platform for cleaning, without any outside intervention required. Clean traffic is returned to you via MPLS IP VPN or a GRE IP tunnel.

We also offer an on-demand, reactive, near real-time option for clients that prefer this approach to DDoS mitigation. After client notification, attacks are confirmed by GTT via flow-based monitoring and redirected to our scrubbing site for removal of malicious traffic.

Gain Insight Into Your Network

GTT's comprehensive client portal provides alerting and deep visibility into DDoS attack vectors and cyber threats targeting your network. The portal delivers real-time and historical dashboard views that summarize network and security activity, and also provides behavior analysis.

Why GTT DDoS

Tier 1 Network Protection
GTT's Tier 1 IP backbone (AS 3257) is ranked among the top five in the world. Our network can carry approximately 15 Tbps of traffic at any given time. This capability allows us to effectively manage even large-scale DDoS attacks without impacting your Internet connectivity or network.

Flexible, Industry-leading Service
As a part of GTT's comprehensive Managed Security suite, DDoS Mitigation is available to clients who use GTT's IP Transit or Dedicated Internet Access services. DDoS Mitigation packages are offered via flexible subscription models to meet diverse business requirements.

Ensure Business Continuity
With DDoS Mitigation, your business is protected from downtime, which can be devastating from a revenue and client loyalty perspective. As a managed, proactive service, we ensure that your network is always available, allowing you to meet key regulatory and compliance objectives.

Key Features

Network-based DDoS attack detection and mitigation

Managed service, backed by detection and response time service level agreements

Always-on filtering for real-time detection and mitigation

On-demand filtering for near real-time detection and mitigation

Advanced protection techniques
- Volumetric attack filtering
- State exhaustion attack filtering
- Application attack filtering
- Dynamic customer traffic profiling

Heuristics-based engine
- Behavioral analysis capability

24x7 Security Operations Center monitoring

Access to online portal to view attack reports/logs

One of the industry's lowest false positive attack detection

Flexible pricing based on traffic volume

Contact Us

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