IPTP DISTRIBUTED MITIGATION MANAGED SERVICE AGAINST DDOS

IPTP Networks
IPTP Distributed Mitigation Managed Service against DDoS

Overview:
Cyber attacks come in various forms and are becoming increasingly problematic for organisations that conduct business online. The most critical concern are Distributed Denial of Service (DDoS) attacks, that are growing to be more sophisticated, making corporate data vulnerable and security demands – more challenging.

Why IPTP?
DDoS is a distributed type of attack and requires robust protection to confront it with corresponding speed and efficiency. Distributed Mitigation Managed Service against DDoS implemented by IPTP Networks is designed specifically to ensure continuous operation of your network. A high performance infrastructure allows the handling of immense amounts of traffic and filtering out attacks, providing a powerful rebuff and subsequent mitigation of a potential threat. As a result, we leave your network with strictly legitimate traffic and you – in complete control over your business.

Unparalleled performance
IPTP Networks operates ultra-fast Trans-Atlantic, Trans-Pacific and Trans-Eurasian fiber channels across American, European and Asian markets. Our qualified specialists operate on high-end network equipment from Cisco, an industry leading provider, and deal with high loads of traffic on a daily basis to ensure that your enterprise receives unparalleled, sustained performance and continuous protection.

Cost-efficiency
Many botnets allow competitors to launch an attack with almost no cost. However, the initial prices of equipment as well as the knowledge required to confront a DDoS attack are significantly higher. The simplicity of running such an attack in contrast to the complexity of protecting against it makes it highly challenging to maintain an in-house security solution. By relying on our Distributed Mitigation Managed Service against DDoS, your organisation receives a complete security solution in the most cost-effective way.

Innovation
Attacks are evolving every moment and our team is constantly busy improving our service by adding new resources, expanding our network and accumulating expertise. IPTP Networks is there to make sure that all your resources remain under lock and key.

Transparent Mitigation
The distributed design of IPTP’s DDoS mitigation defense topology allows us to clean traffic directly at the border of our network, rather than shifting traffic to a clearing center and back, thus eliminating any latency involved in the clearing process and providing transparent protection.
Advantages

Highly customized proxies can handle any type of protocols, starting from standard HTTP to any TCP and even proprietary UDP-based encrypted protocols used in financial sectors, making sure that each request gets serviced.

Our advanced firewalls can handle gigabits of traffic and filter out any types of floods including but not limited to ICMP, UDP or SYN.

All traffic goes to the closest available equipment in the network and the setup is completely redundant.

Fully redundant network topology allows us to carry out transparent maintenance both on the network and at the customer side with no impact to your services.

By using BGP anycast methodology, we make it impossible to target any specific device in our protected cloud.

“IPTP Networks provided us with reliable, robust, secure, and easily accessible network infrastructure to support our global inter-cloud platform.”

Peter So, Vice President at Power-All Networks Ltd.
IPTP NETWORKS BACKBONE

Our proprietary Multiprotocol Label Switching (MPLS) network is highly adaptable and provides a rock-solid foundation upon which over a thousand clients have constructed their services. The experience and know-how of the IPTP team allows us to support platforms requiring complex transport and hosting services such as Cloud Networks and Content Delivery Networks. Cloud applications benefit from our wide geographic coverage that enables parallel hosting in a number of key locations, contributing to a faster, smoother and uninterrupted global service. IPTP Networks operates with over 1000 peering partners around the world ensuring ultimate coverage and speed. In cooperation with our partners we are able to guarantee industry-leading reliability and performance of all our network resources.

COVERAGE

IPTP facilities are situated in all the major destinations of choice for the world’s largest and most powerful companies, internet providers and corporate networks. We operate ultra-fast Trans-Atlantic, Trans-Pacific and Trans-Eurasian fiber channels connecting our clients to all major internet exchanges and global financial centers.