



AntiDDoS

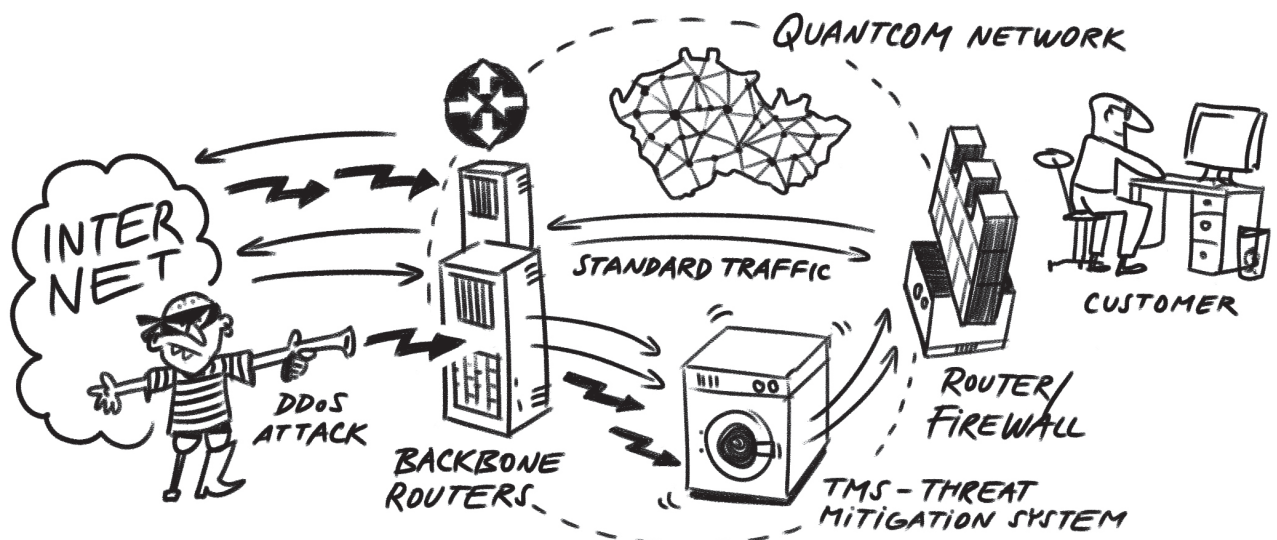
Protect your servers from the biggest threat to the Internet. Last year alone, 13 million DDoS attacks were committed worldwide, which means an average of over 35,000 attacks per day, 25 per minute.

DDoS (Distributed Denial of Service) is a type of attack to Internet services or sites. Its intention is to disable the target service and damage the service operator. The attacker achieves that by overloading the target with a huge number of requests. The AntiDDoS service can be purchased as an add-on to the Internet Profi, IP Housing, and IP Transit products. The service limits unwanted traffic based on a long-term analysis of traffic behavior according to preset parameters. Traffic cleaning is activated automatically, or, in the case of a current threat, manually through the web administration interface. The service includes an initial consultation and traffic analysis, on the basis of which, DDoS protection rules will be set.

TECHNICAL DESCRIPTION

Customer networks are protected against DDoS attacks by a combination of Quantcom's hardware and software resources. This is mainly a system for detecting and evaluating anomalies in the operation of the customer network, which is implemented using the Arbor Sightline platform from NETSCOUT. The reactive protection itself is built on several key components. These consist of support of BGP FlowSpec technology and others in the Cisco ASR 9900 and Juniper MX backbone routers, as well as the Arbor TMS (Threat Mitigation System) device for selective removal of unwanted traffic. The structured solution allows the filtering of some types of unwanted traffic already in Quantcom's backbone routers. Filtration at a significantly finer level can then be performed on the TMS device. There is an option to automatically apply a prepared template for filtering traffic in case of detection of activity that by its nature resembles a volumetric attack. The specific setting and tuning of such a template will be done in cooperation with Quantcom specialists. The service includes access to a special web interface, which is secured via an encrypted VPN and SSL (https), where you can monitor volumetric security incidents related to the customer network, as well as enter and change specific measures against specific types of traffic.

SERVICE LAYOUT





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WHO IS THE SERVICE DESIGNED FOR?

Thanks to its flexibility in scope and quality, the service is designed for all companies for which the availability of Internet communication is crucial. Both the availability of their own services presented via the Internet and services from the Internet. It is suitable for private and government entities.

THE SERVICE INCLUDES:

- Initial consultation of traffic analysis, settings and basic training
- Activation and operation of DDoS protection
- Automatic cleaning according to pre-set rules, or manual cleaning settings during the attack
- Online access to an administration interface via an encrypted VPN
- Sending an email about the beginning and end of an attack
- Monthly reports by e-mail
- Optional professional help to fine-tune the service to your requirements
- Optional advanced training suitable for full use of the system (for approx. 2 days)
- Online traffic monitoring and setup changes using an administrative interface
- Professional help for serious attacks
- 24/7 monitoring and support