



FAST. SAFE. FOR CARRIERS.



WHAT IS A DDoS ATTACK?



Any server that has connectivity with outside networks over the TCP/IP protocol can become an object of DDoS attacks.

The owner or creator of a botnet (malicious software and viruses) sends commands from its network to thousands of computers that are connected to the Internet.



The computers that are thus “infected” send a lot of requests to the same server



Due to overload, the server becomes unavailable for all Internet users



RASCOM'S SOLUTION TO PROTECT CUSTOMERS FROM DDoS ATTACKS

THE CONTENT OF SERVICE



Customer's personal account allows to operate and monitor FlowSpec applied filtering rules



Manual traffic filtering using port-based ACL (conventional technique)



Using BGP blackhole-community – to destroy all traffic to single IP-address under attack (conventional technique)

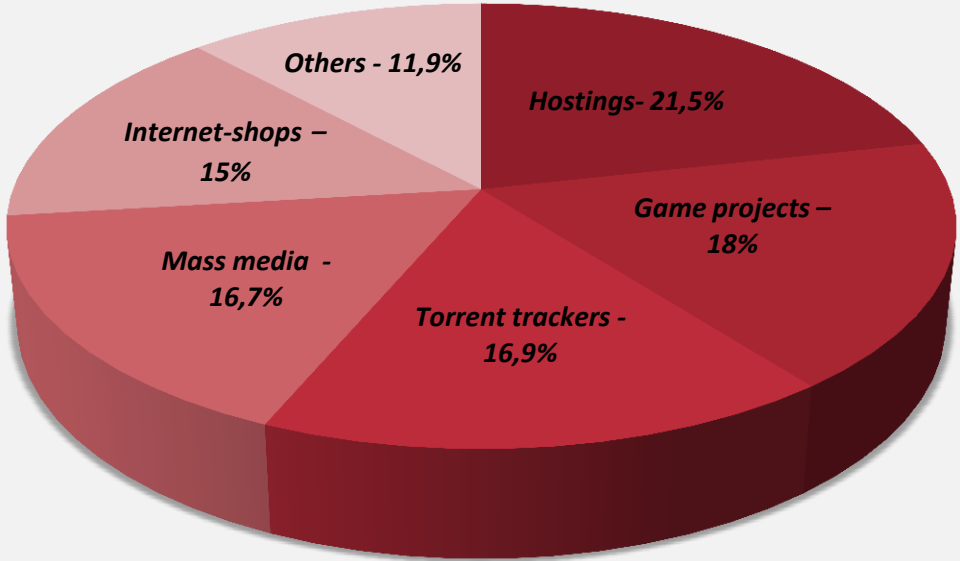
FlowSpec

The FlowSpec option allows RASCOM customers of IP-transit service (access to the Internet) to fight against DDoS attacks on their networks.

Due to this option, a customer can cut-off the traffic of those protocols and/or packet types that are not used on its network, and are used in DDoS attack but are used in DDoS attack.



THE OBJECTS MOSTLY PRONE TO THE DDoS ATTACKS ARE CONSIDERED TO BE THE FOLLOWING:



WHAT IS NECESSARY TO POSSESS SO THAT ONE CAN MAKE USE OF BGP FLOWSPEC PROTOCOL OPTION?



Knowledge and skills of working in the field of network security



A router (Juniper, Cisco or Alcatel) supporting the BGP FlowSpec protocol or a software controller (ExaBGP, GoBGP) that allows to announce to RASCOM's network BGP FlowSpec protocol rules

RASCOM BGP FLOWSPEC TESTING

*In order to familiarize the telecomm carriers and corporate customers with the new service, the company RASCOM is offering to all entities an opportunity to test the **BGP FlowSpec option**.*



Term of free-of-charge testing is up to 30 calendar days (under condition of having an interface to get the testing entity's network connected to RASCOM's network)



Term of free-of-charge testing is up to 3 calendar days if there is no interface to RASCOM's network (the cross-connect fees up to RASCOM's network will be effected at the testing entity's expense)

To arrange a service testing or to interconnect, please, contact RASCOM's Sales manager or send an email to: sales@rascom.ru