

Multi-Level Protection

Importance of Multi-Level Traffic Management

Different parts of a network can handle different traffic rates, and attackers can seek to overwhelm any of these parts. For example, a single server or a link capable of handling 100 Mbps may easily be sent in excess of 200 Mbps.

Rival anti-DDoS systems monitor aggregate traffic rates and particular aspects of packets for anomalies. They are incapable of the multi-level monitoring needed to recognize when a particular part of a network is under attack, and are useless against attacks where there is nothing anomalous about the traffic other than the rate to a particular part of the network or server. This leaves attackers free to work within the threshold of the internet link to knock out low bandwidth services or servers without triggering any protection response. Some DDoS protection systems can protect particular servers, but not all the other network links simultaneously.

IntelliGuard's Hierarchical multi-level traffic management system monitors, and establishes traffic limits for, each part of the network to ensure that all such attacks are detected and blocked. All downstream links, servers and services are individually protected. IntelliGuard DPS ensure that each receives only as much traffic as they can handle.

