ARBOR EDGE DEFENSE (AED)

Intelligently Automated, Hybrid DDoS Protection. The First and Last Line of Smart, Automated, Perimeter Defense.

Arbor Edge Defense (AED) is an inline security appliance deployed at the network perimeter (i.e. between the internet router and firewall).

AED's unique position on the network edge, its stateless packet processing engine and the continuous reputation-based threat intelligence it receives from NETSCOUT's ATLAS® Threat Intelligence feed enable it to automatically detect and stop both inbound threats and outbound communication from internal compromised hosts – essentially acting as the first and last line of defense for organizations.

Defense at the Network Edge

Deployed in between the firewall and internet router, and using highly scalable stateless packet processing technology, Arbor Edge Defense acts as a network perimeter threat intelligence enforcement point where it blocks in bulk, inbound cyber threats (e.g. DDoS attacks, IOCs) and outbound malicious communication - essentially acting as the first and last line of perimeter defense for an organization.

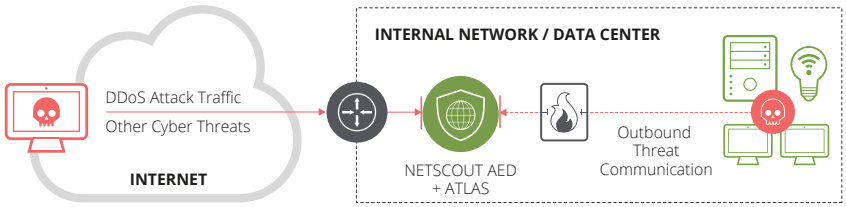

Figure 1: AED's unique location on network edge + stateless packet processing engine + ATLAS Global Threat Intelligence = First and Last Line of Defense from advanced cyber threats.

Be a First Line of Defense

By blocking inbound DDoS attacks to protect the availability of your network, services or stateful security devices (e.g. firewall).

Be a Last Line of Defense

By blocking outbound communication from compromised internal devices to attacker command and control (C2) infrastructure to stop the proliferation of attacker and malware within your organizations and ultimately avoid a data breach.

Integrate

AED's use of standards such as STIX/TAXII, SYSLOG (CEF, LEEF), a REST API and its ability to provide more context to blocked IoCs via ATLAS Threat intelligence enable it to become a fully integrated component of your existing security stack and process.

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