



83%
Firewall failure rate during DDoS attack



125%
Growth in the Number of DDoS extortion attacks



800,000+
Attacks per month over 2020

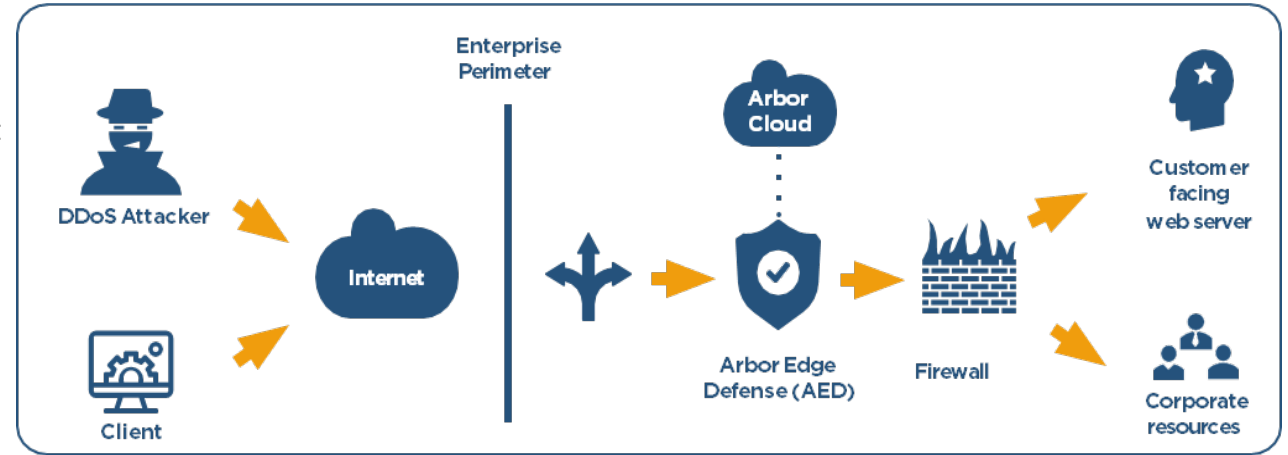


40%
of DDoS attacks are volumetric

Protecting Firewalls from External Threats

The challenge

Due to the complexity of the firewall and the sheer amount of actions an **NGFW** has to perform, it cannot keep up with the demands of the threat landscape we see today. **DDoS attacks** in particular can overload a firewall leaving you vulnerable to threat actors.



The solution

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 organisations.**

The products

- Arbor Edge Defense
- ATLAS Intelligence Feed
- Arbor Cloud
- Omnis Security

The advantage

- Built from the ground up, leveraging NETSCOUT's extensive history in threat mitigation systems
- **Layer 3, 4 and 7 counter measures** to protect against any DDoS attack in real time
- Frees up the firewall to focus on its core role and use ATLAS Intelligence Feed to increase the indicators of compromise and attack
- **Assure VPN firewall performance** by analysing VPN traffic flows either side of the critical firewalls to show how the firewalls are conditioning the ingress traffic