



**83%**  
Firewall failure rate during DDoS attack



**125%**  
Growth in the Number of DDoS extortion attacks



**800,000+**  
Attacks per month over 2020

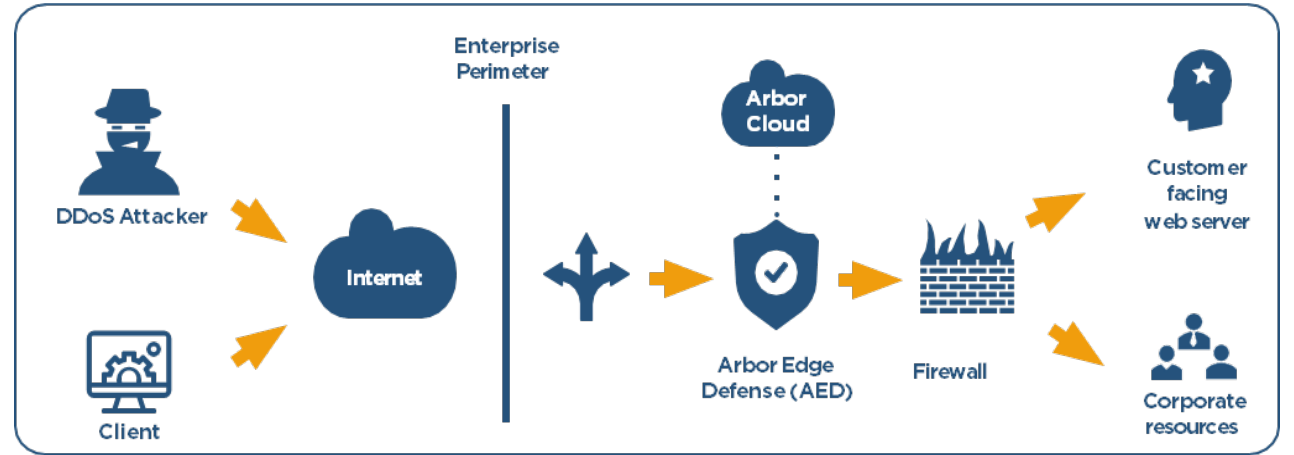


**40%**  
of DDoS attacks are volumetric

## 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