

Arbor Managed DDoS Protection Services for Enterprises

The Ultimate in Intelligently Automated DDoS Protection

As DDoS attacks continue to grow in size, frequency and complexity, it's becoming increasingly more difficult for internal staff to adequately protect their organizations from the risk and loss associated with these attacks. Making matters worse is the ever-constant struggle to hire, retain and train personnel to be DDoS attack mitigation experts. Because of this, the industry best practices are recommending that organizations look to outsource all or a portion of their DDoS protection to Managed Security Service Providers (MSSPs) who have the most current technology and dedicated DDoS attack mitigation experts that are knowledgeable of the latest attack trends and best practices in defense.

DDoS Attack Protection Is Our Core Competency

If you're like most organizations, DDoS attack protection is probably not your core competency. But it is ours. NETSCOUT® has been the undisputed leader in DDoS attack protection for the last 20 plus years. Not only do we produce the world's best DDoS attack protection products; we also use them to deliver high quality, managed DDoS attack protection services on a worldwide basis. These fully managed, industry recognized services can include an intelligently automated combination of in-cloud and on-premise protection; backed 24x7 by worldwide DDoS attack mitigation experts and continuous threat intelligence.

The benefits of using NETSCOUT's fully managed DDoS attack protection services are:

- Leverage experts who mitigate DDoS attacks daily to protect your network/services from attacks while your staff concentrates on enabling your business to operate.
- Reduce the cost and time associated with hiring, training, and maintaining a 24 x 7 staff with DDoS expertise.
- Rely upon rich service level agreements (SLAs) to ensure reliability and response from the NETSCOUT DDoS mitigation team.
- Ensure protection based on industry best practices and backed by continuous threat research focused on DDoS and other botnet threats.

Bottom line: By entrusting your DDoS protection to NETSCOUT, you can be assured that you are utilizing best of breed technology, industry best practices in defense and experts whose sole responsibility is protecting the availability of your network/services from DDoS attacks – so you can focus on what you do best.

Key Features & Benefits

Expertly Managed DDoS Protection

All of the Arbor managed DDoS protection services are backed 24x7 by industry leading NETSCOUT products and dedicated experts in DDoS attack mitigation; enabling organizations to outsource all or a portion of their DDoS protection so they can optimize in-house staff.

Global, Cloud-Based Protection

Arbor Cloud is a fully managed DDoS attack protection service that offers over 11 Tbps of DDoS attack mitigation capacity via 14 worldwide scrubbing centers; providing global protection for organizations of any size.

Scalable, Fully Managed On-Premises Protection Feature

NETSCOUT Arbor Edge Defense (AED) is an on-premise DDoS attack protection appliance that can automatically stop TCP-state exhaustion, application-layer and volumetric DDoS attacks as large as 40 Gbps. AED can be fully managed by NETSCOUT's DDoS mitigation experts to optimize DDoS protection and reduce stress on in-house security teams.

Intelligently Automated, Hybrid Protection

The intelligently automated, fully managed combination of in-cloud (via Arbor Cloud) and on-premises (via AED) is continuously armed with ATLAS® global threat intelligence; offering the most comprehensive form of protection from the modern-day DDoS attack.

"The service has augmented our team with DDoS attack protection expertise that we do not have in-house today. It allows our team to focus on other non-DDoS related projects or problems."

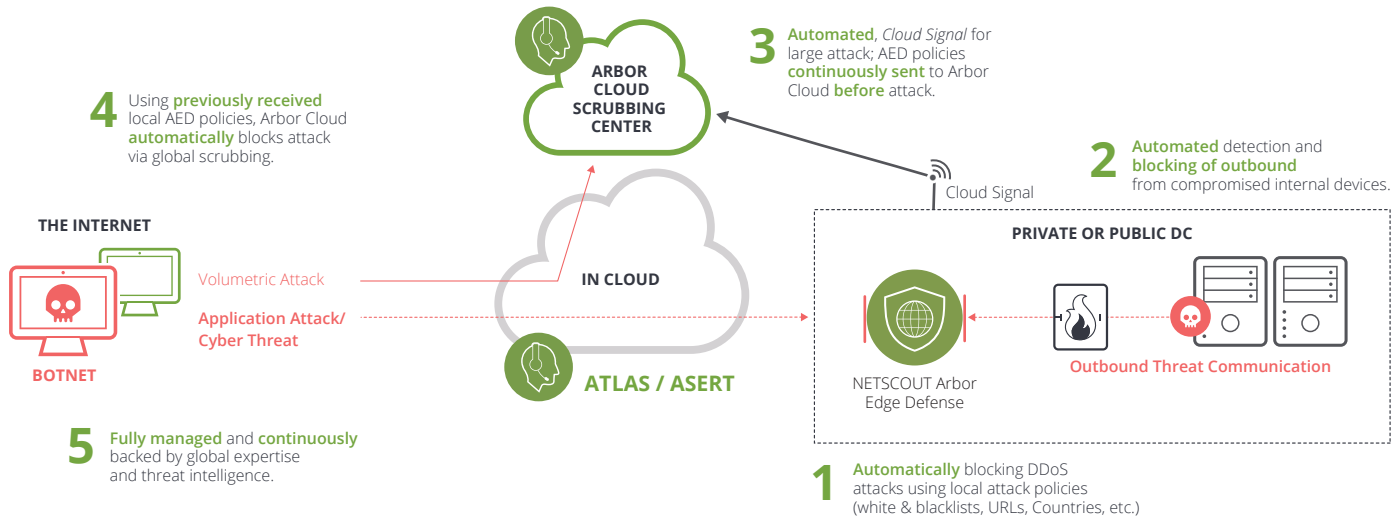


Figure 1: Fully Managed, Intelligently Automated, Hybrid Protection.

Value Before, During and After an Attack

Arbor Managed DDoS Protection service offers value before, during and after attacks.

Before Attack

Expert implementation, provisioning and day-to-day maintenance of DDoS attack protection products to properly prepare your business for a DDoS attack.

During Attack

Intelligently automated in-cloud and on-premise DDoS attack mitigation conducted by industry experts to quickly stop DDoS attacks before they impact your business. Access to a customer portal, emails and/or direct communication with mitigation expert that provide constant feedback of DDoS attack mitigation activity.

After Attack

Comprehensive post mortem reports, consultation and policy tuning to understand and prepare for future attacks.

Fully Managed, Intelligently Automated, Hybrid Protection

Our solution is an intelligently automated, seamlessly integrated combination of on-premise and in-cloud DDoS attack protection; continuously backed by global threat intelligence.

1. On premise, AED is an in-line, always on product that can automatically detect and stop all types of DDoS attacks – especially low and slow application layer attacks and flood attacks targeting your stateful devices like Firewalls and VPN Concentrators.
2. Enhancing the existing security stack, AED can detect and blocking outbound communication to hacker command and control (C2), domains and URLs; thus helping stop the further proliferation of malware with an organization and avoid a data breach.
3. Via intelligent Cloud Signaling, AED continuously (even when not under attack) sends customized, local attack policy information to the Arbor Cloud. In the event of a large attack, the attack traffic will automatically be routed to an appropriate Arbor Cloud scrubbing center. In which case, preconfigured attack countermeasures, including previously sent AED local attack policies, will automatically stop the DDoS attack within minutes.
4. In the cloud, Arbor Cloud is a 24x7, fully managed DDoS attack protection service offering over 11Tbps of mitigation capacity via 14 worldwide scrubbing centers.
5. Post attack, a comprehensive set of reports are automatically generated detailing all attack activity including documentation of dropped traffic. All of these products and services are fully managed and continuously armed with the global threat intelligence offered by ATLAS and ASERT.

No one in the industry offers such fully managed, intelligently automated combination of in-cloud and on-premise DDoS attack protection- designed to provide the most comprehensive form of protection from the advanced DDoS attacks of today and the future.

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