Arbor Cloud℠ for Service Providers

Additional On-Demand Capacity to Protect Your Network Infrastructure and Your Customers

DDoS attacks are increasing in volume, frequency, and sophistication, which is straining service providers' network availability and threatening their enterprise customers. Further compounding matters, operational security (OPSEC) team responsibilities continue to grow, despite the lack of knowledgeable, ready headcount and resources. Arbor Cloud and its expert-staffed Security Operations Center (SOC) can help. Our SOC becomes an extension of your SOC staff, enabling you to defeat the largest and most complex attacks, whenever or wherever.

Protection Against Today's Targeted DDoS Attacks

As part of a layered approach to DDoS protection, Arbor Cloud provides protection from advanced and high-volume attacks without interrupting access to your applications and services. It also helps prevent stealthy application-layer attacks that bypass firewalls and Intrusion Prevention Systems (IPS) and target business-critical applications. Arbor Cloud's on-demand traffic scrubbing service staffed by Arbor's DDoS security experts defends against volumetric DDoS attacks that are too large to be mitigated on-premise and complicated multi-vector attacks. As a result, Arbor Cloud ensures the operational availability of your network and that of your systems and customers are protected.

Arbor Cloud offers service providers the flexibility that they need to protect their infrastructure and their customers. Service providers are able to do this by leveraging Arbor Cloud which enables:

- **Infrastructure Protection:** For additional mitigation capacity to protect your provider infrastructure
- **Customer Protection:** For additional mitigation capacity to protect on-network and multi-homed customers
- **Expert Staff:** Available 24x7x365 to handle attacks when your staff is unavailable or when you wish to leverage Arbor's world-class, knowledgeable staff to defeat attacks targeting your network.

Whatever the concern, Arbor Cloud can protect your network or your customers network via a single coverage option or you can re-sell our enterprise Arbor Cloud offering to protect individual customers.

With each layer of protection, Arbor delivers industry-leading expertise and technology designed to analyze network traffic, mitigate DDoS attacks and forward clean traffic to its destination on the network.

Key Benefits

Augment Your Existing SOC Staff

As DDoS attacks escalate in frequency and scale, SOC's are strained, lacking enough knowledgeable staff to combat attacks today. Leverage Arbor Cloud as an extension of your SOC, leveraging Arbor not only for its world-class security analysts within the Arbor SOC, but their world-class DDoS mitigation capabilities.

Strengthen Existing Infrastructure Protection

Instead of constantly deploying more internal DDoS mitigation capacity to keep up with continually larger and more sophisticated attacks, Arbor Cloud for Service Providers balances the need for additional mitigation capacity without breaking the budget.

Enable and Augment Your Customer Protection

Protect your customers from attacks and maintain their availability in addition to yours. Enterprises are looking to their service providers for DDoS protection and link availability, regardless of their ISP or location. Arbor Cloud provides cloud-based attack protection for your customers either through a single service that protects your entire service provider network or as a per-customer service that can be resold to your customers.

ARBOR® NETWORKS

Arbor Security Engineering & Response Team (ASERT)

ASERT is a world-class team of security researchers, with access to more than 90 Tbps of real-time global Internet traffic for analysis. ASERT uses a sophisticated combination of attack data collection, partner information and analysis tools to discover and analyze emerging Internet threats, as well as create targeted defenses to protect from the most sophisticated and advanced attacks.

ASERT provides customers with global intelligence through weekly Threat Briefs that are available on the Arbor Cloud portal. The following information is viewable from the portal:

- Global Threat Map
- Threat Briefs: Contextualized, customer-specific intelligence included in post incident reports.
- Top Threat Sources
- Threat Index
- Top Internet Attacks

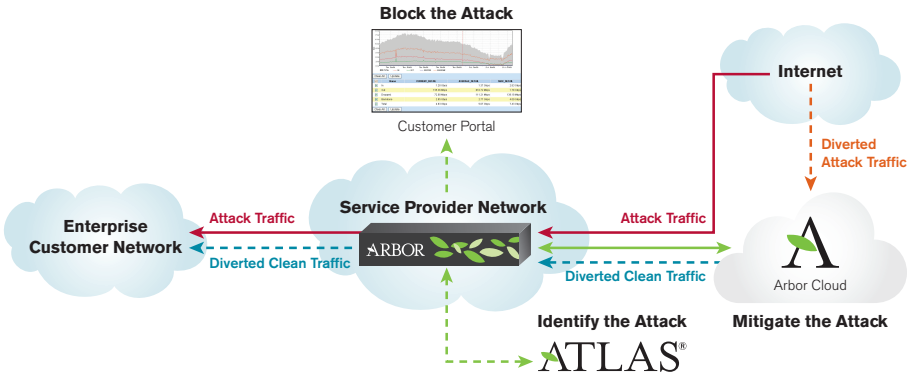

Figure 1 *Arbor Cloud for Service Providers solution*

Powerful, On-Demand, Cloud-Based Traffic Scrubbing

When an attack occurs, speed and agility are critical to business continuity. In the event of a volumetric attack, the on-premise solution serves as a first line of defense—rerouting inbound traffic to one of our global scrubbing centers for cloud-based mitigation. When this occurs, Arbor Cloud's 24x7 Security Operations Center (SOC) works hand-in-hand with your Incident Response team to quickly redirect malicious DDoS traffic away from your infrastructure, based on predetermined methods. The Arbor Cloud SOC functions as a DDoS-focused extension to your SOC.

Arbor Cloud provides terabits of global scrubbing capacity and can handle today's largest and most complex attacks that threaten the availability of your infrastructure, critical assets, and your connectivity to your customers.

Arbor Cloud Specifications

Arbor Cloud Security Operations Center

North America (Sterling, VA)

Cloud-Based Scrubbing Center Locations

- East Coast (Ashburn, VA)
- West Coast (San Jose, CA)
- Europe (Amsterdam, NL)
- Asia (Singapore)

Package Options

- Mitigation = 72-hour window of usage
- No setup fee for standard provisioning
- All prices monthly, unless otherwise noted
- 12 month minimum service

Flexible Service Package

Size of Network to Protect:
- Small Tier: 1-999 /24s or 1-3/16s
- Mid Tier: 1000-4999/24s or 4-19/16s
- Large Tier: 5000+ /24s or 20+/16s

Included:
- 2 Gbps of clean traffic
- 6 mitigations per year
- 1 GRE destination
- 12 month minimum service
- ASERT threat reports, attack analysis and warnings
- 24x7 Level 1, 2 and 3 support services
- Arbor's "Time to Mitigate" SLA

Additional Options Include

- Mitigations (+1, +5, +10)
- Clean traffic (per Gbps)
- GRE destinations
- Direct and cross connections

ARBOR® NETWORKS

Corporate Headquarters
76 Blanchard Road
Burlington, MA 01803 USA
Toll Free USA +1 866 212 7267
T +1 781 362 4300

North America Sales
Toll Free +1 855 773 9200

Europe
T +44 207 127 8147

Asia Pacific
T +65 68096226

www.arbornetworks.com

DS/ACSP/EN/1014-LETTER