



CASE STUDY

Inline DDoS Mitigation Eliminates The Need For Human Intervention: Reduces Costs

This unnamed Service Provider has been in the hosting business for over 15 years, and runs 24/7/365 with on-site support technicians at three state-of-the-art data centers. This Provider delivers managed or unmanaged web hosting, as well as dedicated or shared VPS services, to a wide range of clients.

They pride themselves on providing an exceptional level of support along with pro-active monitoring capabilities.

Many of their clients are targets of DDoS attacks; when these clients are also using shared resources the attack can impact other clients as well.



SUMMARY

TYPE OF SERVICE PROVIDER

Web hosting, dedicated servers, VPS & Cloud

SCALE

Three Data Centers with >160Gbps of transit

SOLUTION

Corero SmartWall® TDS
Corero SecureWatch® PLUS

DEPLOYMENT MODEL

Inline on transit links

COMMERCIAL MODEL

Value-add (no-charge) to end customers



CHALLENGE

They had a small scrubbing center DDoS mitigation operation from another well-known DDoS mitigation provider. However, it was not able to keep up with the scale and frequency of the DDoS attacks that required manual intervention when an attack was underway; the attacks sapped precious support resources.



THE RESULTS

Initially, the Provider did not intend to monetize their new DDoS mitigation capabilities as they felt it was a value-add to their existing security services. Having built-in DDoS mitigation allows the Provider to compete more effectively with other lower-cost hosting providers and helps them avoid price-erosion in a competitive marketplace.

Because of the modular scalability of the SmartWall® TDS, the Provider's costs are kept to a minimum; there is no longer need for manual human intervention, and purchasing additional bandwidth capacity is no longer necessary. The Provider simply scales the solution along with their transit bandwidth.

Previously, in this customer environment they experienced frequent bursts of short duration DDoS attacks: over 1,200 incidents per quarter. This equated to regular downtime, latency and outages for the Provider's customers. Since installing the SmartWall® TDS solution, fewer than 20 incidents per month require human intervention, and even these are brought under control far more quickly and effectively.

"The implementation of the Corero SmartWall® solution means that our network doesn't have to suffer when one of our clients is under attack. The attack is instantly removed and our other customers continue utilizing the service with no impact to availability."



THE SOLUTION

Corero deployed the SmartWall® Threat Defense System directly inline on the Provider's upstream transit links. With this deployment scenario, DDoS attacks are detected and mitigated at the peering edge, so that only clean traffic enters their network and subsequent data centers. It's a dedicated, always-on solution which means that there's no manual intervention required to detect and mitigate.

The high-performing SmartWall® TDS means that there's no performance impact on the Provider's customer service availability. Customers are blissfully unaware that DDoS attacks are targeting the network, or that mitigation is even taking place.

In addition to the real-time DDoS mitigation protection, the Provider also opted for the enhanced SecureWatch® PLUS service, which means that Corero's SOC team is on-hand 24/7/365 to respond to incidents and manage the SmartWall® TDS system if necessary.

About Corero Network Security

Corero Network Security is dedicated to improving the security and availability of the Internet, through the development of innovative DDoS mitigation solutions. We are the leader in real-time, high-performance, automatic DDoS attack protection, with comprehensive attack visibility, analytics and reporting. Deployed on-premises, hybrid, and in the cloud, we protect thousands of organizations world-wide, across many verticals. The Corero SmartWall® Threat Defense System (TDS) family of solutions utilizes modern DDoS mitigation architecture to automatically, and surgically remove DDoS attack traffic, while allowing good user traffic to flow uninterrupted. For more information, visit www.corero.com.

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