Tier-1 Cable, Internet, and Telephony Provider

Comprehensive, Rapid and Cost-Effective Network Protection Against Escalating DDoS Attacks

About Tier-1 CSP\ISP

This Tier-1 CSP \ ISP is one of the leading providers of television, Internet, and telephony services for residential, corporate, and SME customers in Central America. It offers digital television, pay per view, free content video on demand, high definition (HD), and DVR service products.

Challenge

This Tier-1 CSP \ ISP is a long-term customer of Allot, having deployed Allot traffic management solutions for nine years, for better visibility and control applying QoS for data traffic. The customer approached Allot following a massive DDoS attack on their network, involving SYN, TOS and Ping floods. Although the operator had a DDoS mitigation solution in place from Radware, it was not enough to withstand the capacity needed to address the new threat of large-scale attacks. The customer was looking for a DDoS protection solution that could effectively mitigate volumetric attacks to ensure that network resources were protected, and users' service was not affected. The customer also needed a reliable professional service to support them during major attacks to prevent any direct or collateral damage to their business.

Vertical | Service Provider

Industry | Fixed

Region | EMEA

Solution | DDoS Protection

Challenge

o Long-term customer using Allot network visibility solutions

o Massive DDoS attack that was unable to be contained by a legacy solution

o Lack of support during the attack resulting in damaged QoE

Solution

This customer is a prime example of why our multiservice platform is a leading solution. The Tier-1 service provider was already using Allot Service Gateways for heightened visibility and control of their network. A simple activation of DDoS Secure on our Service Gateway platform, provided real-time detection, reporting and mitigation of attacks.
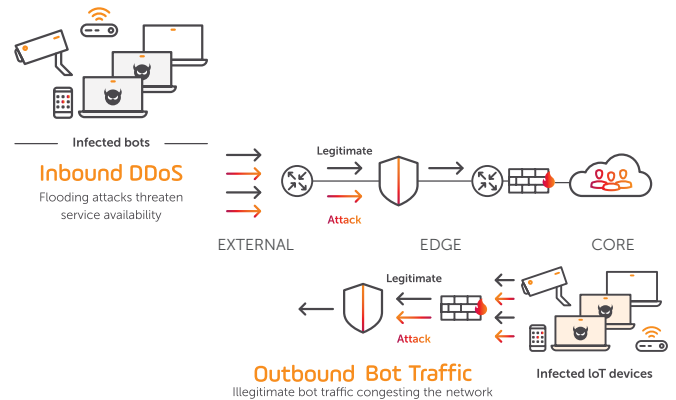
Benefits

o Gain full visibility of DDoS attacks and valuable threat intelligence

o Seamless scalability to address future need and delay infrastructure investment

o Unified platform for existing traffic management, threat detection, and mitigation

Solution

In response to their need, the customer was introduced to the Allot DDoS Secure solution by a local partner of Allot who specialized in security solutions. As the customer was already satisfied with Allot and its products, it decided to trial DDoS Secure in its network. Having already deployed the Allot Service Gateway Tera multiservice platform (SGT), it could easily and quickly enable the DDoS mitigation and Bot containment capabilities on its main platform. After trialing DDoS Secure, the customer was confident in the solution's ability to effectively mitigate a variety of high-volume attacks and address their need. Together with the service delivered by the Allot Emergency Response Team, it received exactly what it needed.

> Being able to activate licenses in our existing hardware saved us from infrastructure upgrade costs and the unified platform for the pieces of the solution makes monitoring our network so much easier."
>
> Senior Infrastructure Engineer,
> Tier-1 Cable, Internet, and Telephony Provider

Infected bots

Inbound DDoS
Flooding attacks threaten service availability

EXTERNAL   EDGE   CORE

Legitimate

Attack

Outbound Bot Traffic
Illegitimate bot traffic congesting the network

Legitimate

Attack

Infected IoT devices

Benefits

o Allot was chosen by the customer because of the following combination of factors:

o Reliability: The customer was already aware of Allot's capabilities and reputation based on its existing deployment of Allot traffic management technology

o Capacity: Allot demonstrated that its solution was more capable than competitors of mitigating large-scale threats and volumetric attacks

o Service: Allot's ability to deliver a powerful and effective DDoS solution was complemented by quality service from Allot's Emergency Response Team

o Simplicity: As the customer had already deployed the Allot Service Gateway Tera platform (SGT), the integration and activation of the Allot DDoS Secure solution was naturally straightforward and fast

o Cost: The solution was an add-on the existing Service Gateway platform rather than an additional standalone platform, which made its implementation cost-effective

Resources

About DDoS Secure

About Service Aware DDoS Mitigation

Frost & Sullivan DDoS Mitigation Whitepaper

Learn more about Allot's Solutios »

Aug 2019

allot

See. Control. Secure.

www.allot.com