

Case Study | DDoS Mitigation

SimbaNET
... Keeping Africa Ahead



***“For one of the leading banks...
One of the most secure DDoS defense...”***



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About Client Requirements

One of the largest banks was under immense pressure due to the risk of suffering a cyber attack. Managers were receiving threats of ransomware and were well aware of the increasing number of DDoS attacks targeting similar organizations. At a time of exponential growth, the bank needed to be sure that their IT setup stood firm against all manner of attack.

The bank was looking for a partner to provide a managed DDoS mitigation solution, with the backing of a strong support infrastructure.

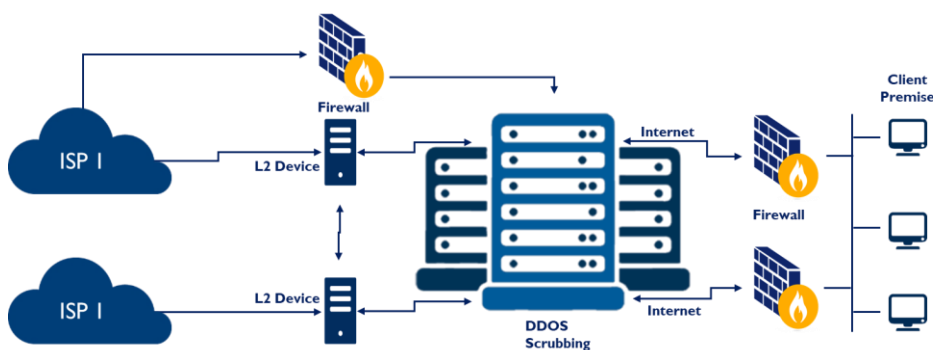
Due to its unique operations, the bank required specific protection:

- Multi-layered security architecture to protect against both application and network layer volumetric DDoS attacks in real time
- DDoS protection for two data centers - a primary DC & a secondary DR
- DDoS protection via internet link for business-critical mobile & net banking hosted on their server
- A secure channel to the customer environment

Partner Solution & Benefits

Developed specifically for the bank's unique requirements, the hybrid setup provides unparalleled protection:

- Rigorous detection: with 24/7/365 detection of attacks from over 140 collectors spread across our Tier-I IP backbone in 23 geographies
- Protection from layer attacks: with signalling of in-line devices, & global deployment of 21 scrubbing centres
- Business as usual: the bank stopped attacks while still receiving legitimate traffic
- Real-time threat updates and forensics: timely, automatic security updates are added to APS to keep you one step ahead — while attack reports and forensics detail attacks and trends
- Cost savings: protecting against any outages that could incur costs and damage reputation
- Future proofing: analyzing patterns to anticipate & mitigate threats before they reach the network
- Safe at every touchpoint: solution reduces attacks at vital points, e.g. WAN routers, web servers, SMTP/email
- Practical solution: with an effective and efficient usage of bandwidth



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