

Dome9 Case Study: Best Growth Stock LLC

“With Dome9, we made our cloud virtually invisible to hackers.”
– Dr. Omar Caban, CEO

Best Growth Stock LLC was founded with a singular mission: To provide investors with the most current stock market information, news, and investment analysis. Since its launch in 2007, founder Dr. Omar Caban has grown his company into a premier financial analysis and content provider, servicing thousands of customers and partners, including Reuters.



Best Growth Stock provides real-time financial information through its website, which at times receives more than 20,000 visitors a day and was targeted directly and daily by hackers. Running on Best Growth Stock’s infrastructure are data repositories with millions of pieces of important trading information and analysis that, if stolen or altered, could prove lucrative for hackers, yet disastrous for Dr. Caban and his business. Thus, ensuring it is secure and available, especially during trading hours, is critical to the success of the company.

Every day, Best Growth Stock’s multiple cloud servers were subject to more than 50 attacks, requiring 4-6 hours a day of security managers’ time and hundreds of dollars a month in managed firewall services. Most attacks targeted

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administrative, email systems and root ports left open on the largely Linux CentOS and Microsoft Windows-based machines, which were used to remotely manage the cloud infrastructure. Hackers used port scanners to detect these openings and brute force attacks to access the cloud servers. Dr. Caban and his team fought for years against these attacks. They leveraged security services, moved their cloud infrastructure away from the rest of their network and infrastructure, and blocked high risk IPs. Despite these efforts their servers were continually subjected to attacks, and the team was forced to divert considerable resource – money that otherwise would have been invested in growing the business – to securing their cloud. That is, until they heard about Dome9.

Best Growth Stock, a CloudFlare customer, heard about Dome9 following the partnership announcement of Dome9 and CloudFlare. The two companies had united, CloudFlare protecting Web traffic and Dome9 protecting the Web and other cloud servers. Following the announcement, Dr. Caban decided to try Dome9. He signed up that day and immediately the hacking stopped. By default, Dome9 closed all administrative ports – the very ports hackers leveraged with brute force attacks and exploit tools – preventing successful port scans, unauthorized logins, and reducing risk from application vulnerabilities. Yet, Caban and his team retained full ability to securely access their servers, on demand, as needed.

“Dome9 is an outstanding cloud security service,” said Dr. Omar Caban, Founder and CEO of Best Growth Stock. “We used to log more than fifty attacks every day. Once we turned on Dome9 they stopped completely. Dome9 made our cloud virtually invisible to the hackers.”

In addition to exponentially improving security, Best Growth Stock also saved a significant amount of money by using Dome9. As a SaaS solution, it eliminated the capital, support, and hosting costs of their previously



deployed static firewall service. And Dome9's easy-to-use policy controls and built-in automation saved their security managers time over managing static firewall configuration, manually opening and closing ports both on the host and network firewall. Most of all, the company saw huge productivity gains because instead of fighting off attacks for hours a day, the team could focus on supporting the growth of their business.

"We've been able to reduce our cloud security costs by a fifth of what they were previously," said Caban. "And now we're able to re-architect and consolidate our cloud to save us even more money because our infrastructure isn't at risk. Dome9 should be the standard for cloud server security going forward."

About Dome9 Security

Dome9 makes cloud security elastic by automating and centralizing cloud firewall management. Available for the enterprise and hosting providers, Dome9 provides dynamic cloud security policy control for Clouds, Virtual Private Servers (VPS), dedicated servers, and Amazon's EC2 Security Groups, across all major operating systems and service providers.

For more information and to try Dome9 free, for 14-days, visit <http://www.dome9.com>.

