SELF-SERVICE INFRASTRUCTURE DEVOPS

WEBROOT®
Smarter Cybersecurity™

Webroot delivers next-generation endpoint security and threat intelligence services to protect businesses and individuals around the globe. The company's approach harnesses the power of cloud-based collective threat intelligence derived from millions of real-world devices to stop threats in real time and help secure the connected world. Webroot's award-winning solutions protect tens of millions of devices across businesses, home users, and the Internet of Things.

CHALLENGE

As a digital business, Webroot's products and services are delivered as technology. Therefore, driving innovation and efficiencies in their development process directly improves their business.

As a security company, their development pipeline is unique. In addition to the typical needs for agility and speed, Webroot's development teams must provide a higher level of software testing and security threat testing of every piece and version of their products. So, Webroot's challenge is to move quickly while maintaining rigor and governance.

SOLUTION

Kovarus has worked with Webroot on a program to help enable their development agility with QA guardrails that includes:

- Building a private cloud IaaS, which includes a self-service portal and service catalog of the many platforms on which Webroot must test their products.

- Infrastructure provisioning into unique threat analysis networks with distinctive infrastructure requirements to do accurate threat testing.

- Working with development and testing teams to develop infrastructure services for their specific use cases and to advise them on DevOps best practices.

- Scripting and Puppet modules to automate manual tasks to reduce effort for QA testing cycles.

- Optimizing compute and storage to fit into the new infrastructure delivery model.

"Kovarus not only enabled us to provide the self-service infrastructure we promised our business partners, but also in the process helped us bridge the DevOps divide through their use case and design workshops."

– IT Operations Manager

SUMMARY

Challenge

- *Business success is limited by a need for innovation and efficiency*

- *As a security-software company, development is hindered by the requirement for more robust testing*

Solution

- *Built a private cloud platform facilitating consistent development environments*

- *Implemented unique analysis networks for threat testing*

- *Instilled development and testing teams with DevOps best practices*

- *Configured scripting and Puppet modules to automate testing*

Key Business Benefits

- *Quicker and more comprehensive tests, creating shorter release cycles*

- *Increased development staff efficiency, allowing for deeper testing without adding headcount*

- *Operations personnel are freed to do more strategic work*

KOVARUS
Integrated IT Expertise

COMPONENTS

Software

• *VMware vRealize Automation*

• *VMware vRealize Orchestrator*

• *Puppet*

KEY BUSINESS BENEFITS

• Webroot can perform more comprehensive tests, increasing quality.

• Webroot has quicker test cycles, enabling greater release velocity on their products.

• As release velocity is picking up, Webroot can handle the additional QA effort without increasing headcount.

• Operations personnel are shifting their efforts from reactive, manual tasks to more proactive and strategic work.

About Kovarus

Kovarus helps businesses transform their IT operations into a modern cloud. We work with our clients to create Business Aligned IT Solutions™ by simplifying their IT operations and leveraging the Kovarus Cloud Enablement Framework to effectively deliver applications and services.

Kovarus has helped some of the greatest companies in the world transform their IT Operations. With an extensive array of elite technical certifications and credentials, leading technology partners continually recognize Kovarus for its commitment to excellence and its focus on delivering exceptional customer service.

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Integrated IT Expertise