

Security Stack Optimization

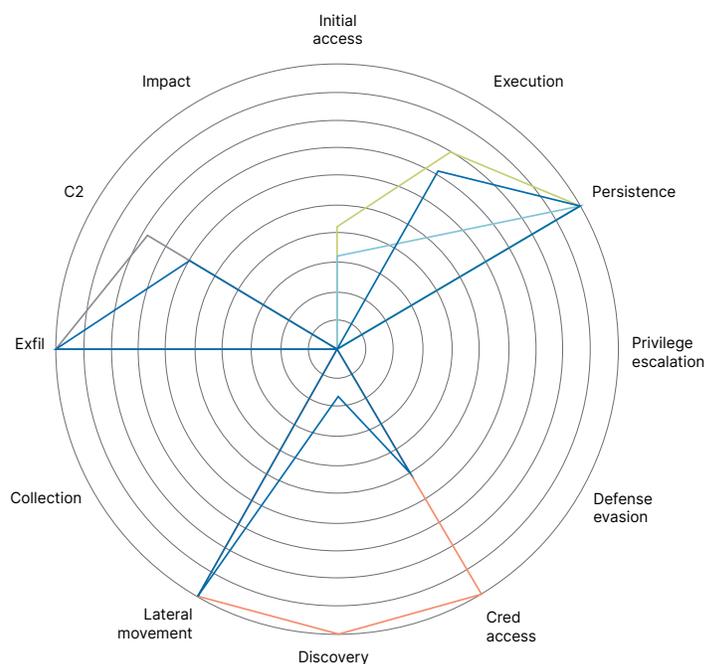
Optimize your security stack with data-driven assessments

Choosing security products and tuning your tech stack is not only a time-consuming and tedious process, it can also increase the risk of outages and other impacts to your production network. And unfortunately, most third-party evaluation tools are too generic to guide technology decisions relating to your unique environment.

Without a clear grading system for security product selection and configuration, you're forced to manually collect data from different sources to arrive at a meaningful conclusion — consuming even more time and resources.

To evaluate and build out an effective security stack, it's critical to model tool performance under realistic conditions and collect actionable data. Our security stack optimization service, powered by our expert Professional Services team and the SimSpace Cyber Force Platform, allows you to make more informed technology decisions and build better configurations. And because the SimSpace Platform includes the most advanced military-grade cyber range on the market, you'll be able to see exactly how your tools will function in production.

SimSpace Professional Services helps you conduct data-driven assessments of security products in a secure, isolated simulation of your production environment. With stack optimization, you can see how adding or removing a specific product will impact your security posture as well as the efficiency of your security and business operations.



Dashboards speed reporting on product measurements across multiple areas.

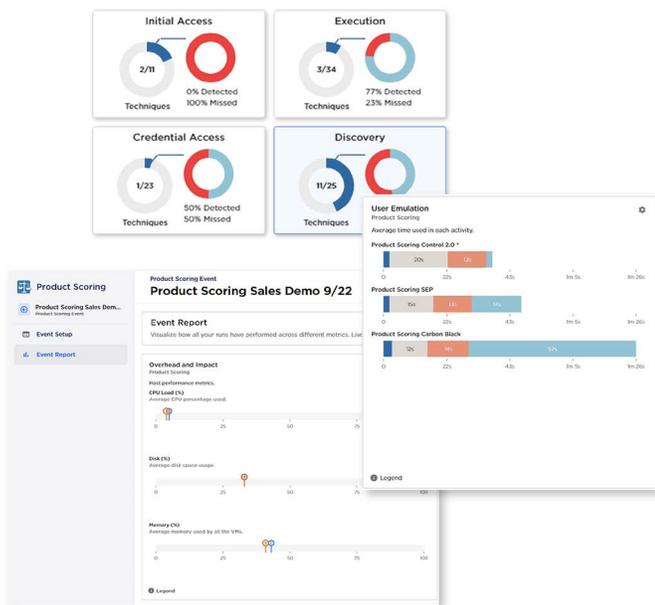
Measure the performance of your security stack:

- Efficacy
- Coverage
- Network impact
- Stability and reliability
- Environmental overhead

SimSpace products and services are powered by the SimSpace Cyber Force Platform, which provides the most realistic cyber range environments and user emulation available

Stack optimization leverages the SimSpace Platform for IT infrastructure modeling, user emulation, and integrated instrumentation logging. In addition, the platform provides repeatability for any test event — applying the same evaluation on multiple products with absolute consistency from test to test.

You'll receive curated, visualized results at the end of the process via a comprehensive dashboard, which provides measurements for effectiveness, predicted overhead, and user-performance impact. Our reporting tools also include a MITRE procedures map, which provides a deeper understanding of your tech stack's coverage, strengths, and weaknesses.



SimSpace Cyber Force Platform features

- ▶ Open, customizable, high-fidelity platform
- ▶ Library of elite-level cyber crisis training content, APTs, insider threats, and zero-day attacks
- ▶ Pre-built, industry-specific network templates — hybrid cloud, ICS, and SCADA
- ▶ Support for top open-source and commercial cybersecurity products
- ▶ Data-driven product evaluation and tech-stack tuning
- ▶ Advanced user emulation for realism and more meaningful assessments
- ▶ Insights from our Professional Services team
- ▶ Maps to NICE 3.0, MITRE ATT&CK®, and other regulatory frameworks

Deployment options

Hosted

Highly available and secure service — right from our data center

On-premises

Installed directly on your own servers and infrastructure

Appliance

Ready-to-go server, installed and configured into your network

To learn more or request a demo, visit simspace.com