SimSpace Testing Capabilities for U.S. Government Cyber Initiatives

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SIMSPACE PLATFORM

DON'T JUST PLAN FOR THE FUTURE, EMULATE IT.

SimSpace **Testing Capabilities** for U.S. Government Cybersecurity Initiatives

As the U.S. government faces a critical four-month timeframe to optimize cybersecurity spending, SimSpace presents a strategic solution that enables the testing and refining of processes and technologies across multiple dimensions. With SimSpace, federal agencies can systematically validate, evaluate, and enhance their cybersecurity strategies through a model of their production environment. This approach not only maximizes efficiency and effectiveness but also aligns with fiscal prudence by ensuring informed decisions prior to procurement.

Benefits for U.S. Government Cybersecurity Initiatives

- ✓ **Strategic Resource Allocation:** Make informed decisions about cybersecurity spending and technology deployment, ensuring optimal use of budgets and resources.
- ✓ **Enhanced Preparedness:** Achieve a higher state of readiness by proactively testing and refining defenses against realistic cyber threats.
- ✓ **Regulatory Compliance:** Demonstrate compliance with federal cybersecurity standards and regulations and test the effectiveness of the controls.
- ✓ **Scalable Solutions:** Adapt and scale the solution to meet the specific security needs and challenges of different government agencies.

With the **SimSpace Platform,** customers have seen:

30%
Savings in Operational Costs

40%
Reduction in Configuration/ Patch Related Breaches

45%
Improvement in Attack Defense & Breaches

48%
Improvement in Time to Detect a Breach

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Key Testing Opportunities on SimSpace:

Playbook Validation

Systematically test and refine your incident response playbooks, ensuring that your response strategies are both efficient and effective under a variety of legitimate attack scenarios.

Product Evaluation

Critically assess new security products within your modeled production environment, enabling you to make informed decisions about technology investments before procurement.

Malware Analysis / Forensics / Reverse Engineering

Deep dive into malware operations, conduct detailed forensics, and perform reverse engineering to understand attack vectors and mitigate vulnerabilities outside of your production environment.

Detection Engineering

Develop, test, and refine your detection systems to ensure that they are sensitive to the latest malicious tactics and resilient against evasion techniques.

Deception / Non-Attribution

Implement and test deception strategies that mislead attackers and manage attribution to protect your real assets and intellectual property by obfuscating communication without attribution.

Threat Research

Conduct obfuscated research without attribution to stay ahead of emerging threats with comprehensive threat research capabilities that allow you to anticipate, identify, and mitigate new risks before they impact your operations.

Stack Opitmization

Evaluate and optimize your entire security stack to ensure that all components work seamlessly together, providing a robust defense against multiple types of cyber threats.

Request an Expert-Led Discovery Call

During this call we will cover:

- How we enable you to practice like you fight
- What differentiates us from other cyber ranges
- Specific use cases relevant to your organization's needs

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