



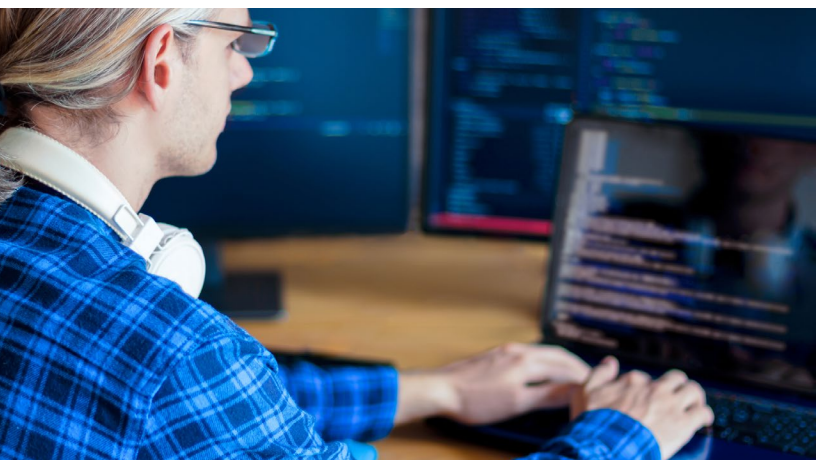
VENOM®

Advanced cyber tool for passive data collection and analysis

VENOM® (Vulnerability Enumeration and Network Object Matching) is a powerful cyber tool that combines our expertise in cyber operations, big data and systems design to enable passive characterization of target network environments. By integrating publicly available and proprietary data, VENOM® provides a single analytical source for assessing system vulnerabilities, exploits and leaked credentials, supporting both offensive and defensive cyber operations.

Mission Application

- Empowers cyber operators to analyze target network environments.
- Supports rapid and effective cyber mission planning and alternate courses of action.
- Facilitates interagency approvals for firing.
- Enhances network situational awareness and security.
- Leverages passively collected data in either connected or non-connected environments.



Advantages

- **Unified Analysis:** Leverages publicly available and proprietary data for a complete characterization of the network environment.
- **Targeted Precision:** Enables vulnerability/exploit matching and effectiveness scoring for precise actions.
- **Mission Flexibility:** Employs scalable, flexible architecture for rapid updates and customer-specific customization.
- **Modern Design:** Uses technologies including Docker, schedulers and microservice architectures.
- **Dual Capability:** Supports both offensive and defensive cyber operations.

Features

- Characterizes target network environments.
- Conducts capability apportionment for mission readiness.
- Offers alternate courses of action for dynamic operational needs.
- Integrates vulnerability/exploit analysis with leaked credential identification.
- Customizable system components, including data ingest and user interfaces.
- Passively collects data to enhance situational awareness and network security.



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