Yordan Stoychev

Security Researcher

Passionate Security Enthusiast driven by the desire for improvement and the chase for knowledge. Always ready to deep dive into any code base and research alike. Experienced in analysing and exploiting complex vulnerabilities. Strong desire to work and collaborate with others and learn from experienced professionals.

Education

Mathematics and Informatics, High School of Mathematics "Dr Petar Beron", Varna

September 2018 - May 2023

Articles

Conquering a Use-After-Free in nf_tables: Detailed Analysis and Exploitation of CVE-2022-32250

https://ysanatomic.github.io/cve-2022-32250/
https://github.com/ysanatomic/CVE-2022-32250-LPE/

Abusing RCU callbacks with a Use-After-Free read to defeat KASLR

https://ysanatomic.github.io/abusing_rcu_callbacks_to_defeat_kaslr/

CVE-2022-1015: A validation flaw in Netfilter leading to Local Privilege Escalation

https://ysanatomic.github.io/cve-2022-1015/
https://github.com/ysanatomic/CVE-2022-1015/

Dissecting the Linux Firewall: Introduction to Netfilter's nf_tables

https://ysanatomic.github.io/netfilter_nf_tables

Extra-Curricular Activities

Occasional CTF player with **\x4247Sec**
March 2023 - Present

Varna, Bulgaria
anatomicys@gmail.com

LINKS

Research Blog
Github
TryHackMe
Youtube

TECHNICAL SKILLS

Kernel Hacking
Binary Exploitation
Reverse Engineering
Strong Background in Python and C/C++
Experience with Assembly (ARM, x86)
Computer Networking
Web Exploitation
Experience with Java and Kotlin

LANGUAGES

Bulgarian
English (Fluent)