

## 29: Stuxnet - Darknet Diaries

Archived: 2026-04-05 17:34:09 UTC

### Episode Description

Stuxnet was the most sophisticated virus ever discovered. Its target was a nuclear enrichment facility in Iran. This virus was successfully able to destroy numerous centrifuges. Hear who did it and why.

Special thanks to [Kim Zetter](#) for joining us this episode. You can find more about Stuxnet from

[See all episodes](#)

From 2009 to 2013 the communication channels the CIA uses to contact assets in foreign countries was compromised. This had terrifying consequences. Guests this episode are Jenna McLaughlin and Zach Dorfman. Sponsors This episode was sponsored by IT Pro TV. Get 65 hours of free training by visiting [ITPro.tv/darknet](http://ITPro.tv/darknet). And use promo code DARKNET25. This episode was sponsored by Thinkst Canary. Their canaries attract malicious actors in your network and then send you an alert if someone tries to access them. Great early warning system for knowing when someone is snooping around where they shouldn't be. Check them out at <https://canary.tools>. View all active sponsors. Sources <https://finance.yahoo.com/news/cia-communications-suffered-catastrophic-compromise-started-iran-090018710.html> Video: Fostering Bipartisanship in Intelligence Oversight CNAS2019 <https://www.mcclatchydc.com/news/nation-world/national/article28348576.html> <https://foreignpolicy.com/2018/08/15/botched-cia-communications-system-helped-blow-cover-chinese-agents-intelligence/> <https://www.nytimes.com/2017/05/20/world/asia/china-cia-spies-espionage.html> <https://www.nytimes.com/2018/01/17/world/asia/jerry-lee-cia-china-mole-hunt-suspect.html> <https://news.yahoo.com/cia-fix-communications-system-left-trail-dead-agents-remains-elusive-100046908.html> <https://www.washingtonpost.com/archive/sports/1988/03/21/cuban-defector-impeaches-cia-spies/10cec17c-076b-4867-96c5-628b8435a852/> [https://en.wikipedia.org/wiki/Aldrich\\_Ames](https://en.wikipedia.org/wiki/Aldrich_Ames) Attribution Darknet Diaries is created by Jack Rhysider. Research assistance this episode from Yael Grauer.

Sep 29, 2020

38 min 30 sec

PSYOP, or "Psychological Operations", is something the US military has been doing to foreign audiences for decades. But what exactly is it? And what's the difference between white, gray, and black PSYOP missions? We talk to PSYOP specialists to learn more. Thanks to Jon Nichols for telling us about this fascinating world. Sponsors Support for this episode comes from LastPass. LastPass is a great password manager but it can do so much more. It can setup 2FA for your company, or use it to monitor what your users are doing in the network. Visit [LastPass.com/Darknet](http://LastPass.com/Darknet) to start your 14 day free trial. Support for this episode comes from Blinkist. They offer thousands of condensed non-fiction books, so you can get through books in about 15 minutes. Check out [Blinkist.com/DARKNET](http://Blinkist.com/DARKNET) to start your 7 day free trial and get 25% off when you sign up. Sources [https://www.democracynow.org/2006/3/24/the\\_psyops\\_war\\_a\\_look\\_at](https://www.democracynow.org/2006/3/24/the_psyops_war_a_look_at) [https://en.wikipedia.org/wiki/Lincoln\\_Group](https://en.wikipedia.org/wiki/Lincoln_Group) <https://www.goarmy.com/careers-and-jobs/special-operations/psyop/psyop-mission.html#> [https://en.wikipedia.org/wiki/Operation\\_Wandering\\_Soul\\_\(Vietnam\\_War\)](https://en.wikipedia.org/wiki/Operation_Wandering_Soul_(Vietnam_War)) [https://en.wikipedia.org/wiki/Torches\\_of\\_Freedom](https://en.wikipedia.org/wiki/Torches_of_Freedom) <http://cgsc.contentdm.oclc.org/cdm/ref/collection/p16040coll3/id/182> <https://archive.org/details/PropagandaAudiobook/Propaganda+Chapter+01.mp3> <https://www.newsweek.com/us-military-gets-mysterious-and-false-text-message-evacuate-korean-peninsula-669875> <https://www.cbinsights.com/research/future-of-information-warfare/> [https://en.wikipedia.org/wiki/National\\_Defense\\_Authorization\\_Act\\_for\\_Fiscal\\_Year\\_2013#Smith%E2%80%93Mundt\\_Modernization\\_Act](https://en.wikipedia.org/wiki/National_Defense_Authorization_Act_for_Fiscal_Year_2013#Smith%E2%80%93Mundt_Modernization_Act) Videos Vietnam War Ghost Audio Tape used in PSYOPS 'Wandering Soul' Jon Nichols Part 0 - Unallocated Spaces Talk on Russian Propaganda Cyber-Influence: Cyberwar and Psychological Operations WWII Psych Ops MISO Marines broadcast important information to Afghans The War You Don't See Edward L. Bernays interview, 1986-10-23 As it fights two wars, the Pentagon is steadily and dramatically increasing money spent on propaganda

Israel has their own version of the NSA called Unit 8200. I was curious what this unit does and tried to take a peek inside. Hear what I found by listening along to this episode. This episode was sponsored by Nord VPN. Visit <https://nordvpn.com/darknet> and use promo code “darknet”. This episode is also sponsored by Mack Weldon. Visit [mackweldon.com](https://mackweldon.com) to shop for premium men's casual wear and get a 20% off discount with your first order by using promo code “diaries”.

Dec 15, 2018

51 min 58 sec

In this episode of Cyber Series, Darragh sits down with Dr Jeremy Bradley (Principal TD for Crypt and High Threat Technologies), and Flo D (Deputy CTO for Cyber Policy, NCSC-CAP) to explore what “the quantum threat” really means and how organisations should prepare. From international standards and timelines for migration, to challenges facing critical national infrastructure, our guests break down the opportunities and obstacles of post-quantum cryptography. Whether you’re a CISO, IT leader, or simply curious about the future of cyber security, this conversation sheds light on the steps we all need to take as we enter the quantum era.

Nicole Beckwith wears a lot of hats. She’s a programmer, incident responder, but also a cop and a task force officer with the Secret Service. In this episode she tells a story which involves all of these roles. <https://twitter.com/NicoleBeckwithSponsorsSupport> for this show comes from IT Pro TV. Get 65 hours of free training by visiting [ITPro.tv/darknet](https://ITPro.tv/darknet). And use promo code DARKNET. Support for this show comes from Exabeam. Exabeam lets security teams see what traditional tools can’t, with automated threat detection and triage, complete visibility across the entire IT environment and advanced behavioral analytics that distinguishes real threats from perceived ones, so security teams stay ahead and businesses keep moving — without fear of the unknown. When the security odds are stacked against you, outsmart them from the start with Exabeam. Learn more at <https://exabeam.com/DD>. View all active sponsors. Sources <https://www.secjuice.com/unusual-journeys-nicole-beckwith/> Talk from Nicole: Mind Hacks – Psychological profiling, and mental health in OSINT investigations Talk from Nicole: Who’s guarding the gateway?

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