Noel Kuntze

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Thermi Noel Kuntze Blog

Education

BSC., UNITS (Unternehmens- und IT-Sicherheit)
University of Applied Science Offenburg, Offenburg, Germany
2012 - 2016
- Grade 2.3
- Thesis topic "IPsec-Processing im Userspace auf Windows" ("IPsec processing in Userspace on Windows"), Grade 1.0
- Projects
  - Inherent Mutual Code Attestation

MSC., ENITS (Enterprise and IT Security)
University of Applied Science Offenburg, Offenburg, Germany
2017-2019
- Exited program at 48 ECTS
- Projects
  - Great Honeypot
    - Unreleased high interaction honey pot based on Python, Paramiko and QEMU

Familiar Technologies

- Windows
- Linux
  - Netfilter/iptables
  - XFRM
  - IPv4/IPv6
  - Ansible
  - Kubernetes
  - Docker
- Bash
- C
- Golang
- Python

Voluntary Engagement

- End user support for strongSwan Open-Source and GPLv2 licensed IKE daemon since ~2015 (basis for Secunet's products using IPsec and products of many other vendors)
- Netfilter project SME and IRC OP since ~2015
- package manager on Arch Linux AUR
- Increasing the security and usability of Linux system

Employment

Current Job
Home, Germany

2012 – Present
Self Employed - IT Security Professional
- Providing Netfilter and strongSwan/IPsec on Linux (XFRM) consulting
- Providing software development in C, Python and Golang
- Designated consulting and support provider for the strongSwan project
- Customers:
  - 23+ worldwide
  - Short excerpt on page two
- Primary activities:
  - SME for IPsec, IPsec on Linux (XFRM), strongSwan, OpenVPN, Netfilter, Devops using Docker and Kubernetes
  - Software development in Golang or Python

Hard Skills

- structured work
- resourceful
- calm
- attention to details and permanent solutions
- strong problem solving and documentation writing skills

Passions and Hobbies

- Playing guitar
- Singing
- Reading
- Modern History

References

Almog Baku **CTO**	Former business associate at Rimoto LTD	almog.baku@gmail.com
Mayan Mathen **CTO**	Former business associate at Catalina Labs, Inc.	mayan@mathen.net
Timo Schreiber **Project Manager**	Project Manager at Arvato Systems GmbH	timo.schreiber@bertelsmann.de

Notable customers

- Arvato-Bertelsmann (Germany) (2018/06 - 2018/07, 2019/03)
    - SME for strongSwan at the Gematik project
- Rimoto LTD (Israel) (2015/10 - 2017/10)
    - SME for VPN technology and netfilter
    - Devops using Docker, Python, Golang and Kubernetes
- Catalina Labs (US) (2015/04 - 05, 12, 2016/01)
    - SME for IPsec and OpenVPN based VPNs
    - Software development based on Python on Linux
- Cyberghost S.A. (Romania) (2016/11, 2019/07 - current)
    - SME for IPsec based VPNs
    - Linux specific network setting optimizations
- Broadbridge Networks (US) (2016/03-04)
    - Software development based on Python
- teknasyon (Turkey) (2017/07, 2018/12, 2019/05)
    - SME for IPsec based VPNs
    - strongSwan and Netfilter consulting
    - Linux specific network setting optimizations