Éric Leblond

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Employment History

Independent Contractor
April 2010-Today

I'm developing network and security applications and working as developer for the OISF foundation. I'm also doing some higher level consultancy on security policies and IAM.

Achievements:

- Netfilter coreteam member and ulogd2 maintainer

- Responsible of packet acquisition in Suricata IDS/IPS

- Member of program committee of SSTIC and Hack.lu security conferences.

Co-Founder
INL/EdenWall
May 2004-March 2010

I was at start in charge of developers management and I was particularly involved in NuFW related work. I became CTO when the company grew up to 30 employees.

Achievements:

- Architecture and development of EdenWall an appliance build other Linux and NuFW.
- Kernel and Netfilter related developments.
- Management of developers team.

Network and System Engineer
Init-sys
July 2002-May 2004

I was in charge of Research and Development.

Achievements:

- Create from scratch a Linux xDSL Gateway using L2TP, ATM with RFC2684 interfaces and CLIP interfaces.
- Have Alphalink declared to the RIPE as a LIR and have a IP allocation.
- Bugs corrections to the iphase ATM driver.
- Complete monitoring and firewall log analyzer solution for a set of routers with an LDAP tree as unique entry point for the administrator.

Free Software Engineer
Alcove
April 2001-June 2002

Various missions ranging from integration to software development.

Achievements:

- 6 months work at Profile4you as system administrator.
- Rebuilding of internet infrastructure of DirectFinance

Education

- Mathematics DEA in Numerical Analysis, Juillet 1999. B
  Université de Paris 6
- Mathematics Licence in Fundamental Mathematics, Juillet 1998. TB
  Université de Paris 6

Main Skills

Operating Systems: Linux, OpenBSD, FreeBSD.

Languages: C, Python, Perl, PHP, C++.

Network and Security: TCP/IP, ATM (CLIP, RFC2684 bridging), Firewalling (Netfilter, Ipchains, Packet Filter), VPN, L2TP.

Technologies and Software: JSON, XML, SQL (MySql,PostgreSQL), HTTP (Apache), LDAP (OpenLDAP), SMTP (Exim,Postfix,Sendmail), IMAP (Courier,Cyrus).

Languages: English, German.

Written Free Software

- NuFW. Main developer of NuFW which is an authenticating gateway.
- Ulogd2: official maintainer
- Suricata: in charge of packet acquisition
- Coccigrep: A semantic grep for C language based on coccinelle

Main publications and conferences

- Eric Leblond. "Présentation de l'IDS/IPS Suricata". Multi-System & Internet Security Cookbook 66, 2013.
- Victor Julien, Eric Leblond: The menace came from below, Hack.lu 2012.
- Eric Leblond, Playing with Network Layers to Bypass Firewalls' Filtering Policy, CansecWest 2012.
- Editor and author of most articles, "Configurez et optimisez votre Firewall" GNU/Linux Magazine Hors Série 41, 2009
- Eric Leblond. "Avis d'expert : Tirer le meilleur parti du filtrage sous Linux". 01 Réseaux. February 2007.
- Eric Leblond, Vincent Deffontaines. "La Glib et le support des threads dans NuFW". Linux magazine france. September 2006.
- Eric Leblond, Vincent Deffontaines. "Introduction à NuFW". Multi-System & Internet Security Cookbook, March-April 2005.
- Eric Leblond. "Netfilter Connmark", 2003.
- Eric Leblond. "RFC2684 bridging under linux", 2003.
- Eric Leblond. "Introduction à la qualité de service sous Linux" (Introduction to Quality of service under Linux), 2002.