

Julien Vehent

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Status

- US Permanent Resident

- French Citizen

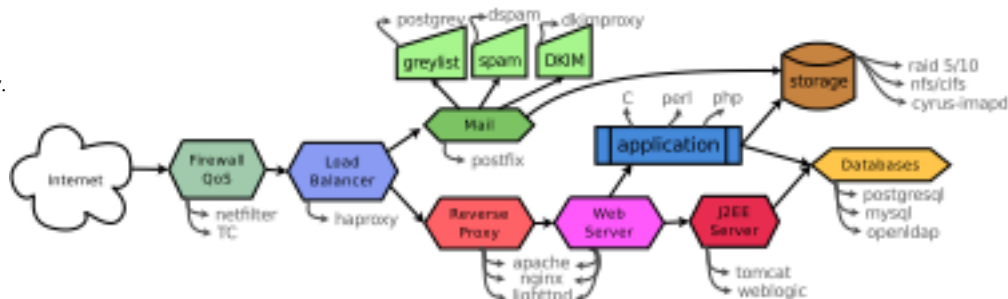
Systems & Security Architect

Linux, Networks and High Traffic

I build Internet infrastructures from the ground up, in datacenters or in the cloud, and from the front firewall to the backend database. I have a Master's Degree in IT Security, write article in GNU/Linux Magazine France and on wiki.linuxwall.info, and program in Perl, Bash, C and PHP.

Technologies

A representation of my core skills.



Professional Experience

Since 11/2011: Security Engineer at AWeber Communications

AWeber is an email marketing service provider for small business clients worldwide. I am in charge of defining and engineering the security infrastructure.

keywords: ossec, apparmor, geolocation, cryptography, log monitoring

03/2011 to 11/2011: Systems Engineer at Greenlink Networks

Greenlink Networks provides rewards programs for local businesses and TV stations. I was in charge of building a bigger, faster and more reliable hosting infrastructure for the 30+ websites of the company.

- Transform the single node architecture into a load balanced cluster.
- Migrate from the datacenter hosted system to Amazon's cloud (AWS).
- Maintain the production and corporate infrastructure on a day-to-day basis.

keywords: lighttpd, haproxy, tomcat, jboss, postgresql, solaris, centos, EC2

01/2008 to 05/2010: Security Engineer at Axians - Vinci Energies Group

Project

System Architect of the Knowledge Base, designed and build with Alfresco and Debian

Missions

La Banque Postale - eBanking Security Engineer (7 months)

Member of the Architecture team: web front-ends security, cryptography, strenghtening of ebanking operations.

ALD International - Business Continuity Engineer (9 months)

Member of the Security team: BCM development and testing, IT Disaster Recovery Plan (40+ locations worldwide and 2 datacenters).

Societe Generale - eBanking Security Engineer (1 year)

eBanking architecture team: web front-ends security and performance, cryptography usage in applications and communications, security audit.

04/2007 to 12/2007: Research Engineer at University of Maryland

Programming of a TCP/UDP proxy in C on Linux 2.6 for connection redirection inside honeypots networks.

04/2006 to 08/2006: Assistant to the Chief Security Officer at MAAF Assurances

Member of the Information System team: Perl programming for security log processing, application of the privation protection law.

Since 04/2005: Linux Engineer / Sysadmin at Microgate

Architecture design and maintenance of the email infrastructure.

09/2002 to 09/2004: Tech Support at URSSAF

Helpdesk and Administration/Maintenance of Windows NT/2000 based networks

Education

2005 to 2007: Master Degree - Information Security Management

IRIAF - University of Poitiers - GPA: 16.3/20 - Honor: Summa Cum Laude

2005: Bachelor Degree - Security and Quality of Telecommunications

University of Tours - GPA: 13.5/20 - Honor: Cum Laude

Teaching

2010 - IRIAF - University of Poitiers

Security of Database Infrastructures. 40 hours course in the 2nd year of IT Security Master Program. The content of the course if available here.

Writing

Web Development with Perl and Mojolicious - GNU/Linux Magazine #138 - May 2011

Fighting Spam with DSPAM - GNU/Linux Magazine #132 - November 2010

QoS and Traffic Control in the Linux Kernel - GNU/Linux Magazine #127 - May 2010

DKIM Email signature and verification with DKIMProxy - GNU/Linux Magazine #125 - March 2010