

Summary

I've always been focused on security and *NIX world with particular interest in new challenges. Moreover, I've always been involved in computer software programming, this includes some advanced knowledges of C/C++ and good knowledges of Java As a System Administrator, I'm focused on improving day to day management by writing some scripts that could make our lifes better. Furthermore, I'm constantly attracted to security world and try to keep up with the new technologies in this area. I like the idea to have systems hardened and up to date. Despite the fact that I'm mainly focused on system administration and security, I've also some good skills into networking, like IPv6 networks, routing protocols, cisco devices, routers, switches, firewalls, etc..

Skills

• Solaris Administration

- (Advanced) **Solaris:** 8/9/10/11+Zones/Branded Zones
- (Advanced) **Volume Managers:** ZFS, SDS, VxVM, MPxIO
- (Advanced) **Management:** TLP, PCA, Live Upgrade, SUNWjet, SMF
- (Advanced) **Security:** LDAP, Kerberos, SunONE
- (Advanced) **Networking:** LACP, IPMP, Snoop, Vlans, Troubleshooting
- (Advanced) **Cluster:** SUN Cluster 3.1/3.2/3.3, Oracle/Websphere/SUNWgds
- (Good) **Hardware:** High End: M9000, E25K, E15K, ...
- (Good) **Hardware:** Mid End: T2xxx, T5xxx, ...
- (Good) **Hardware:** Low End: X41xx, ...
- (Good) **Various:** ZFS Tunning, Benchmarking, Kernel Tunning, Oracle DBs, Maestro, Legato
- **Assets:** Scripting ability, performance driven, stress-resistant

• Linux Administration

- (Advanced) **GNU/Linux:** Gentoo, Debian, RHEL, Slackware, SuSe
- (Advanced) **Packaging:** DEB, RPM, Ebuilds
- (Advanced) **Disk/Volume:** MD, LVM
- (Advanced) **Security:** GRSec, PaX, RBAC, (N)IDS, Honeypot, iptables, dm-crypt, ...
- (Advanced) **Cluster:** Heartbeat, DRBD, mysql-cluster
- (Advanced) **Networking:** iptables, iproute, quagga, OpenVPN, IPv6, Dynamips, LACP, Trunking, Bonding, Tunnelling, Complex firewalling, QoS
- (Advanced) **Virtualization:** Xen, VirtualBox, KVM, DynaMIPS
- **Assets:** Wide range of knowledge, passionate, in-depth knowledge of the system

• Others Systems

- (Advanced) **BSD:** OpenBSD, FreeBSD, NetBSD
- (Good) **Appliances/Embedded:** M0n0wall, Pfsense, QNAP, ...
- (Basic) **Others:** HP-UX, OS/400

• Development

- **Known languages:** C, C++, Java, PHP5 (OO)
- **Scripting:** UNIX Shells (Bash), PHP, Perl
- **Databases:** MySQL, Oracle, PostgreSQL \LaTeX
- **Various:** \LaTeX

- **Familiar with:** SQL, HTML, CSS
- **Tools:** GCC, RPM, ViM, autotools, make, CVS, SVN, ...

- **Networking**

- **Management:** OpenVPN, BGP, OSPF, OSPFv3, IPv6, Static Routing, Address plan, IPsec, ...
- **Known softwares:** Quagga, OpenVPN, OpenBGP, iptables, packet filter, ethereal, ettercap, Packet-o-matic, ...
- Good ability to troubleshoot network-related problems and find proper solutions.

- **Security**

- **Protocols:** LDAP, Kerberos, IPSec, VPN, ...
- **Softwares:** Prelude/SNORT Nids, ARPWatch, ...
- **Audit:** Nessus, OpenVAS, Nmap, Metasploit, Homemade tools, ...

- **Assets:** Ability to work within a team, autodidact.

- **Languages:** French, mothertongue. English, fluent, spoken and written.

- **Others:** Driver licence and car available

- **Other availabilities:** Open to on-duty services and late night interventions.

Experience

- **Espix Network SPRL**—Wavre, BE

Owner: Since Sep 2011

- Consultancy: Solaris, GNU/Linux, Network Administration, System Architect, ...
- Web/Mail Hosting
- Custom IT Solution and tailor-made IT-related services

- **SNCB Holding**—Brussels, BE

Solaris System Administrator: Since Jan 2010

- Systems administrator Solaris 8, 9, 10, Zones
- Known platforms : Mx000, 25K, T2000, T5000, X41xx, ...
- Sun Cluster 3.1/3.2/3.3 Daily Management
- Sun Cluster 3.x Implementation and New installation
- Sun High End M9000 installation
- Live Update Patching Design and Implementation
- Responsible for patching 48 High-End Clustered system
- Writing some pro-active checks
- Development of Inventory portal for SUN and Linux Servers
- Development of web gui showing clusters/servers live-state
- Technologies: ZFS, Sun Cluster, Live Upgrade, SUNWjet, LDAP, Bash scripting, PHP5, MySQL, Oracle DB

- **Belgacom**—Brussels, BE

Solaris System Administrator: Mar 2008-Dec 2009

- Systems administrator Solaris 8, 9, 10, Zones
- Known platforms : Sun 15K, 25K, E4500, V440, V480, 6800, T2000, T5000, ...
- Part of Sysadmin team (8 people) managing around 1200 Sun servers.
- Implementation of a Workflow, Process management, Lifecycle, Inventory, PHP team website.
- Users support through ticketing system.
- Tivoli Monitoring / Maestro Scheduling.
- Oracle database.

- Usage of ITIL process.
- **Inter Action Net Services**—Wavre, BE
Security Advisor: Mar 2008-Sep 2011
 - Security advise inside the company.
 - Management of Datacenter Network Security.
 - Consultancy missions.
 - Self-Employed
- **Infrastructure Team, TI Automotive**—Liège, BE
UNIX Administrator: Sep 2006-Feb 2008
 - GNU/Linux, *BSD, Solaris daily administration.
 - Management of virtualisation environment.
 - Development of Central Management Interface for m0n0wall.
 - Integrate an international infrastructure team.
- **ANAST, Université de Liège**—Liège, BE
End-of-study placement: Feb 2006–June 2006
 - Research on VPN, firewalls, routing, DNS and GNU/Linux Hardening.
 - Usage of OpenVPN, Iptables, Gentoo GNU/Linux, Quagga, BIND9, Apache2, ...
- **ANAST, Université de Liège**—Liège, BE
Analyst Programmer: July 2005–September 2005
 - Implementation of a cost assessment software applied to the hull of ships.
 - Usage of Oracle Database Server.
- **Internat Provincial Seraing**—Seraing, BE
Network Administrator: 2003-2006
 - Managing internet and intranet access of +100 independant stations.
 - Voluntary help.

Education

- **SkillTeam**—Brussels, BE
iSeries - i5: Condensed Technical Course
 - Spring 2007
 - Introduction to iSeries and i5 under OS/400
 - 5 days
- **E.F.**—Brighton, UK
English course
 - July 2006
 - 1 month of daily intensive English course
 - Hosted as part of an english family
- **InPrES Rennequin Sualem**—Seraing, BE
Bachelor degree in computer science - option network and telecommunications
 - End date: June, 2006
 - Mention: good
- **Université Populaire Georges Cousot**—Dinant, BE
Qualification degree in electronics (A2)
 - End date: June, 2003

Achievements and Activities

- Management of a VPN and network/security related development activities (2003–present).
- Management of Xen/VirtualBox/KVM virtualisation environment. (2006–present).
- Involved in some C/C++ programming in opensource software.
- Running wesunsolve.net. (since 2011)