

Sébastien Wains

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Linux Systems Engineer

Technical Expertise

- Operating Systems : GNU/Linux RedHat, GNU/Linux Debian, Windows Server/2000/XP, Mac OS X
- Email Services : Postfix, Sendmail, IMAP/POP3, Procmail, Webmail, Anti-Spam solutions
- Web Services : HTTP (Apache, Lighttpd, IIS), PHP, FTP
- Network Services : DNS, DHCP, OpenLDAP, Web/FTP/Reverse proxies, Samba, NFS, NIS, TFTP, CUPS
- Virtualization : Proxmox, OpenVZ, KVM, Xen, Vmware ESX, VirtualBox
- Security : SSH, PAM, Iptables, VPN, RADIUS, GPG, OpenVPN, SSL/TLS, SASL, LUKS, Truecrypt
- Network Protocols : Ethernet, TCP/IP, routing, NAT, VLAN
- Databases : MySQL, MSSQL
- Development : Bash, Perl, PHP, SVN, TRAC
- Hardware : HP et IBM servers, Cisco, HP and Alcatel network devices, Cisco WLAN, IP telephony, optical/copper cabling
- High Availability : Keepalived, IPVS, VRRP, DRBD
- Monitoring : SNMP, MRTG, RRDtool, Nagios, Cacti, Mon(it)
- Telephony : PBX, IP PBX, VoIP, Asterisk, SIP, IAX, PRI, BRI

Professional Experience

ETNIC ASBL, Brussels – Linux Systems Engineer

February 2010 – Today

- Supporting 100+ Linux servers (Red Hat Enterprise Linux, SUSE Linux Enterprise) and their services
- Supporting the Enterprise Service Bus (ESB) and its Web services
- Supporting servers dedicated to the data warehouse

Multitel Research Center, Mons – Linux and VoIP Systems Administrator

February 2008 – January 2010

- Systems Administration (Linux and VoIP)
- Research and development
- Network Analysis (WAN, LAN, WLAN)
- Training to customers
- Red Hat Instructor (RHCI)
- Project Management

Freelance – Open Source Consultant

December 2005 – September 2008

- Audit and implementation of GNU/Linux and open-source software for self employed, small companies, and non-profit organizations

Province de Hainaut, Mons – Systems Administrator

February 2002 – January 2008

- Systems Administration (Linux, Windows and telephony)
- Technical support to users
- Development and deployment of internal and external communication tools : intranet, extranet, websites, CMS, E-Commerce
- Responsible for buying IT and audio/video hardware
- Responsible for hardware management and inventory

Trainings and Certification

Certification

2007

Linux Red Hat Certified Engineer (RHCE) – Certificate number 804007797825578

Trainings

2002 – Aujourd'hui

SAP technologies and management (NetWeaver), Local Area Networks, Optical Fibers, VoIP with GNU/Linux, Samba, PHP, MySQL, Apache, High Availability, clusters and load balancing with GNU/Linux, Network management (architecture, security, monitoring), GNU/Linux Systems Administration, Security, firewall and VPN with GNU/Linux, Ericsson PABX Administration

Education

1998 – 2001

Degree in Management and Accounting
Institut Supérieur Economique de la Province de Hainaut
Mons-Flénu, Belgium

Languages

French : mother language
English : fluent
Dutch : basic
Spanish : basic

Projects and accomplishments

RRDweather (GPL) : Graph generating tool of weather data based on RRDtool, bash, awk and perl.
Web page : <http://www.wains.be/projects/rrdweather/>

<http://www.wains.be> : Personal blog being a kind of knowledge base shared to the world (howto, tips, etc.)

Contributions to several Open Source projects.