

CV Geert Van Steyvoort

Specialising in **web infrastructure** and **web security** solutions, **linux/unix** web application support and standards-based **web development**, I have been working on various projects as well in Belgium as abroad.

My experience and career achievements include :

- Web Operations manager at Telenet E-Services
- Linux support engineer at bpost
- LDAP administrator and Unix support engineer at Telindus, Atos Origin and AXA Tech
- VRT Sporza third line technical support
- Web development and linux hosting for several businesses
- Proximus: LDAP and web infrastructure administrator
- phplist newsletter & e-mail marketing software implementations
- Promobutler.be web infrastructure manager

Being a T-shaped individual, enthusiastic, communicative and versatile, I'm available for freelance assignments where a combination of technical skills and flexibility, responsibility, pragmatism and a service-oriented approach are key. Please read my full resume for detailed information on my profile or browse directly to skills, work, learning or personal info.

References about past projects can be consulted on my Linkedin profile.

Skills

1 = some knowledge but cannot support, 2 = able to support, 3 = expert level, able to teach

| Security, network- and web infrastructure | 1 | 2 | 3 | Years of experience |
|--|---|---|---|---------------------|
| HTTP Webservers (Apache, Sun-ONE) | | | • | 10 |
| (reverse) proxy servers (Apache, Sun-ONE, Cisco Content Engine, Squid) | | | • | 10 |
| Firewalls (Vyatta, Checkpoint, ipchains) | | • | | 7 |
| Loadbalancers (Cisco CSS, Cisco CSM, F5, Apache mod_jk) | | | • | 7 |
| SSL/HTTPS infrastructure (Cisco SCA, Sun-ONE secure proxy) | | | • | 7 |
| URL-filtering (websense) | | | • | 7 |
| General LAN / WAN troubleshooting | | | • | 10 |
| TCP/IP (+ protocols ...) | | | • | 10 |
| PKI administration | | | • | 7 |
| Routers, switches | | • | | 2 |
| DNS | | | • | 10 |
| Wireless (broadband routers, WPA, WEP) | | | • | 6 |
| Encryption and hashing (3DES, AES, MD5, PGP, ...) | | • | | 6 |

| OS and server operations | 1 | 2 | 3 | Years of experience |
|---|---|---|---|---------------------|
| Server backups | | • | | 10 |
| Server hardware | | • | | 10 |
| Server installations, tuning, patching, OS hardening | | • | | 7 |
| Cloud computing and virtualisation solutions (Vmware) | | • | | 6 |
| Sun Solaris Unix (v8, v9, v10) | | | • | 10 |
| HPUX | | | • | 4 |
| Linux (Red Hat, Debian, BSD) | | | • | 10 |
| Server room operations | | • | | 4 |

| Server applications | 1 | 2 | 3 | Years of experience |
|---|---|---|---|---------------------|
| Basic DBA duties (DB queries, export, ...) | | | • | 6 |
| Task automation (cron, \$universe) | | | • | 6 |
| Network packet analysis (snoop, tcpdump, sniffer pro) | | | • | 6 |
| General OS troubleshooting skills | | | • | 10 |
| Java/J2EE Application servers (Novell, BEA weblogic, Jboss, Tomcat) | | | • | 6 |
| Database servers (Oracle, Sybase, informix, mysql, postgres, ODBC - JDBC) | | • | | 6 |
| Monitoring and reporting (BMC Patrol, Nagios, HP openview) | | | • | 6 |
| CMS. Content Management (Joomla. Drupal. Interwoven. ...) | | • | | 4 |

| | | | | |
|---------------------------------|--|---|--|---|
| DRM (Digital Rights Management) | | • | | 2 |
|---------------------------------|--|---|--|---|

| Mail and identity management | 1 | 2 | 3 | Years of experience |
|--|---|---|---|---------------------|
| Mail servers (sendmail, postfix, ...) | | • | | 6 |
| LDAP (Sun-ONE Directory server) + LDAP Proxy | | | • | 10 |
| PHPlist e-mail marketing management software | | | • | 6 |
| Radius | | • | | 3 |

| Coding and scripting skills | 1 | 2 | 3 | Years of experience |
|---|---|---|---|---------------------|
| LAMP (Linux, Apache, MySQL, PHP) | | | • | 6 |
| (X)HTML, CSS, javascript, AJAX, web standards | | | • | 7 |
| PERL | | | • | 10 |
| PHP | | | • | 7 |
| Unix shell scripting | | | • | 10 |
| Regex | | | • | 10 |
| awk, sed, vi, ... | | | • | 10 |
| Web forms | | | • | 10 |
| Source control & dev tools (SVN subversion, phpmyadmin, atlassian software) | | | • | 4 |
| Ant | | • | | 2 |

| Presentation and communication skills | 1 | 2 | 3 | Years of experience |
|---------------------------------------|---|---|---|---------------------|
| Dutch language | | | • | mothertongue |
| French language | | | • | n/a |
| English language | | | • | n/a |
| German, Spanish languages | | • | | n/a |
| Written skills | | | • | n/a |
| Working within a team | | | • | n/a |
| Managing difficult customers | | • | | n/a |
| Adapting to company culture | | • | | n/a |
| Managing stress | | | • | n/a |
| Presentation skills | | | • | n/a |
| Fault diagnosis and problem analysis | | • | | n/a |
| Ability to work autonomously | | | • | n/a |

| Service management skills | 1 | 2 | 3 | Years of experience |
|--|---|---|---|---------------------|
| Knowledge of ITIL Service Management | | • | | 6 |
| Understanding SLA methods | | | • | 6 |
| Able to operationally support SLA's | | | • | 6 |
| Understanding KPI methods | | • | | 6 |
| Understanding Service Statements | | • | | 6 |
| Knowledge of Project Management skills | | • | | 6 |

Work

bpost Brussels *Belgians publicly owned mail company*

Linux support engineer

From oct/2008 to dec/2009 and from jul/2011 to date

Tasks :

- Implementation and application support of a secure, highly available ATM-solution based on SLES Linux, jBoss, Oracle
- Configuration of Apache, SSL, PKI infrastructure, mod_proxy,...
- Perl scripting of a monitoring solution for the above
- Troubleshooting a variety of issues, ranging from web infrastructure & network related problems to performance tuning and applicative bug investigation

Telenet E-Services Mechelen *Telenet in-house web & mobile development group*

Operations Manager

From oct/2010 to jul/2011

Tasks :

- operational support and system administration of CentOS/Redhat linux server farm for a team of 80 PHP/Java developers, business & project managers
- implementing standards & policies
- coördinating interventions and oncall support in production environment
- setup and support of PHP/MySQL development environments, production websites & web applications
- MySQL tuning & performance management
- Upgrade subversion, websvn, phpmyadmin environments
- Installation, support & administration of Tomcat-based Atlassian products (Confluence, Jira, Bamboo, Crowd,...)
- implementing and interpreting nagios-based monitoring
- implementing configuration management tools such as Puppet, CFEngine
- Technical coaching of junior co-workers

Achievements :

- Fast and self-motivated take-over of technical responsibilities from predecessor in a hectic team where time to market is top priority
- Seamless upgrade of the department's Subversion & Atlassian software
- Technical coaching of 2 co-workers

PROMOBUTLER - NETMEDIA Europe Diepenbeek *Internet start-up offering print-based ads in an online format*

Web infrastructure manager

From jan/2008 to dec/2009

Tasks :

- Consolidation of server-farm
- Setup of loadbalancing / disaster recovery architecture
- Maintenance of www.promobutler.be website, Linux OS, Tomcat 5.5 application servers, Apache ActiveMQ 5.x, mailserver, DNS, ...
- Troubleshooting on production issues

TELINDUS Leuven *ICT solutions and services integrator*

UNIX support engineer

From jan/2008 to oct/2008

Tasks :

- Supporting the (Sun Messaging Server) mail infrastructure of the **Belgian Treasury** (FPS Finance)
- Technical support and consultancy on **Proximus** LDAP infrastructure

Web development and linux hosting for several small businesses

Freelance side projects

- www.hetbinnenhuis.be (Interior decoration)
- www.touchstudio.be (Therapeutic centre)

- www.openingsuren.com (portal)
- www.frankjoos.be (building contractor)
- www.aumruimte.be (property rental)
- www.leendhulster.be (therapist)
- www.therenovator.be (building contractor)
- www.wortel.be (cultural)
- www.inimail.be (direct email-marketing)
- www.denhemel.com (café / concert hall)
- and many others

ATOS ORIGIN Brussels *Leading international business and technology integrator*

LDAP ADMINISTRATOR

From oct/2006 to sept/2007

Tasks :

- Providing LDAP technical support on de-centralised, globally replicated directory server farm
- Creation and modification of perl / shell scripts that manage the data flow and monitor the LDAP infrastructure
- unix and linux systems administration
- integration Sun LDAP / Sun IDM / Microsoft AD

PROXIMUS Brussels *Belgian mobile telecom operator, subsidiary of Belgacom Group*

WEB INFRASTRUCTURE ENGINEER / APPLICATION SUPPORT ENGINEER

From feb/2001 to mar/2003 and from may/2004 to oct/2006

Tasks :

- Building, maintaining and supporting a 24/7 available, load-balanced, secured, wap (GPRS/3G), internet and intranet environment: web/wap applications, proxies, DNS, firewalls/DMZ, VPN, HTTPS/SSL, directory services (LDAP), Sun Solaris unix, WAP Portal, SMS, MMS, ...
- Troubleshooting on a variety of critical production issues and looking for workarounds to limit service impact
- Conducting root-cause analysis on production incidents and defining strategies for preventing these
- Support of SilverStream, Novell exteNd, BEA Weblogic application server software
- Support of Siemens / Openwave Wap Gateway software
- Technical authoring of procedures, documentation, network diagrams, road maps
- Organizing demo- and learning sessions for colleagues and management on a variety of technologies and products
- Task delegation to incident management layers and single-service desk
- Task automation through cron, \$Universe, perl scripts, shell scripts
- Monitoring of production infrastructure and services through BMC Patrol, HPOV
- Oncall support

Achievements :

- LDAP upgrade (2002/2006): preparing and executing the migration of all LDAP services at Proximus from Netscape Directory Server v3 to iPlanet Directory Server v4 and from Directory Server v5.2 to Sun Java System Directory Server v6
- Webserver upgrade (2003/2006) : preparing and executing the migration of all Proximus HTTP servers from iPlanet Webserver v4 to Sun ONE Webserver v6 and preparing migration to Apache HTTP server
- Vodafone Live! : ER / M-PAY / FTMD : preparation and implementation of the Vodafone Live wap portal network infrastructure and billing (ER); operational responsible of the Proximus M-Pay platform ; installation, tuning, support of Full Track Music Download / DRM platform on the Proximus wap portal

- Implementation of Websense URL-filtering for Proximus outbound internet access
- Proxy server migration (2003/2005): preparation and execution of iPlanet proxy server migration to Cisco Content Engine (CE) ; preparation and execution of single-signon authentication (NTLM, Active Directory) on outbound (Cisco CE) user proxies
- Loadbalancing : introduction of loadbalancing mechanism for all Proximus IT infrastructure and applications, through Cisco CSS and CSM
- Senior technical position in the Proximus IT infrastructure department

BASE Brussels *Belgian mobile telecom operator*

APPLICATION SUPPORT ENGINEER

From jul/2003 to mar/2004

Tasks :

- take care of the day-to-day support of the Mobile Numbering Portability (MNP) application
- installation and tuning of BEA weblogic application server
- defining migration strategies and executing releases

Achievements :

- creation of an MNP support portal (linux, perl, SQL+), facilitating monitoring and application support
- upgrade of MNP application version
- ensuring day-to-day stability of the MNP application

Learning

- 10/2011 : Syntra, Modern coaching & people management
- 04/2011 : Telindus John Cordier Academy, Red Hat Linux system administration
- 09/2007 - 06/2008 : KULeuven, postacademic programme web development
- 09/2006 : Telindus John Cordier Academy, Ethernet and TCP/IP Advanced
- 03/2006 : Sun Training, Directory server 5.x, maintenance and operations; advanced design and deployment
- 01/2005 - 05/2005 : UGent, postacademic programme ICT security
- 1994-1998 : higher education, Erasmushogeschool, Brussels, Press and Communication sciences
- 1987-1994 : secondary education, Sint-Pieterscollege, Leuven, Humanities

Personal info

- Geert Van Steyvoort, freelance IT consultant
- Living in Leuven, Belgium
- Born in Brussels on april 16, 1975 - Belgian nationality
- E-mail: gvsteyvo@gmail.com
- LinkedIn : <http://www.linkedin.com/in/geertvansteyvoort>
- Mobile : +32 (0) 473 855 881
- Hobbies : travel, photography, sailing