

## JOB DESCRIPTION

Job Title: **System administrator**

Date:

Location: **Belgium**

Supervisor's Name/Title:

### Job Purpose

- Responsible for engineering and maintenance of all servers
- Responsible for specific IT projects and development

### Essential Job Responsibilities:

- Design and document the actual server environment as a platform for further requirements.
- Design, maintain and improve customer services (SMTP, DNS...) and protect them from common threats.
- Design, maintain and improve the monitoring system (mainly Nagios and positive monitoring systems) to detect as soon as possible network related issues.
- Design, maintain and improve the server platforms to keep it up to date, redundant and flexible so it can adapt to future business requirements.
- Integrate the details about network tools hosted on the server platform in the related processes.
- Define the hardware that will best fit with the business requirements to integrate it within the server platforms.
- Develop software specific solutions (scripts) to deal with business specific requirements.
- Proactively identify system impacting issues through the analysis of network performance data and alerts.
- Support and test new software introduction on the actual server platforms.
- When required, support scheduled and emergency maintenance activities in the maintenance window.
- Resolution of major network issues that have been escalated.
- Participate in 24x7x365 support team; on-call rotation.
- Provide second & third level support for customer complaints, suggestions, and concerns.

**Qualifications/Education:**

- Bachelor degree in applied informatics or equivalent

**Skills & Experience:**

- Minimum 5 years of professional experience with the following:
  - Linux in general (Debian, CentOS & FreeBSD,...)
  - Linux firewalling/security and high availability (pf, CARP, iptables, keepalived, contrackd, Snort, HAProxy, OpenVPN,...)
  - Hardware redundancy (bonding, RAID, DRAC,...)
  - Monitoring (Cacti, Nagios,...)
  - Scripting (bash, perl,...)
  - Databases (MySQL, PostgreSQL,...)
  - Internet related setups (Postfix, Cyrus, Squirrel, Amavis, ClamAV, SpamAssassin, BIND, DHCP, DNS, FTP, Apache, PHP myadmin,...)
  - Virtualization (VMWare ESXi, KVM,...)

**Languages:** French or Dutch & English (written & spoken)