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Experience

RTS (Geneva, Switzerland) 02.2023 –07.2023
System Expert & Infrastructure – TanIT Service SA

- Installation and configuration of a Central Red HAT Satellite Server 6.8 for the RTS.
- For Satellite, creation of Ansible roles for:
 - managing the auto deployment of the RHEL8 Satellite capsules under the RTS Zoning concept (Specific Vlan Firewalled)
 - managing the auto deployment of the RHEL9 newly created VMware templates hardened with Openscap and containing all specific tools and configuration of the RTS (Flexnet, CheckMK agent, ...)
- Installation and configuration of a new monitoring server running CheckMK 2.1p25.
- For CheckMK, creation of Ansible roles for:
 - Managing the auto deployment of new probes under the RTS Zoning concept.
 - Managing the auto deployment of new CheckMK agent on all RHEL9 Servers and taking care to register to specific probes under the Zoning concept infrastructure.
- Creation of an Ansible role for allowing new RTS RHEL9 server to be part of RTS media.int Active Directory, for allowing authentication of Sys Admin with their Admin User account and allowing management of groups from the AD.

Assura (Lausanne, Switzerland) 11.2022 –12.2022
System Engineer – Figeas SA

Nespresso (Nestlé) (Lausanne Switzerland) 02.2017 –09.2022
Lead Consultant / Senior Linux System Admin – Wipro Ltd

Nespresso eService's System admin (06.2020–09.2022)

- Management of Nespresso Akamai CDN (Update/maintenance of new and old projects, new subdomains, performance caching policy, ...)
- Management of Kubernetes K8s Cluster & Service for Nespresso IoT Devices and for Nespresso Reorder
- Patch management of Nespresso Israeli Website (Magento & MySQL)
- Patch Management of some Nespresso Customers website (WordPress, Typo3, ...)
- Management of RedHat Migration from RH6 to RH7 for the entire server farms.
- Involved in Nestlé Oracle and Datacenter Move.
- Partially involved in new CICD solution running with K8s, ArgoCD and GitOps

Nespresso Middleware System Admin (02.2017–06.2020)

- Manage Nespresso middleware applications eCommerce platform for production and non-prod environment (NC2, NC3 DAM, ACM, ...) Patching: OS patching (Red Hat), rollout, Quarterly Release, weekly change, ...
- Manage and implement new incoming IT projects.
- On call support (3rd level) on Middleware and e-commerce applications.
- Migration of many applications with minimum impact on business continuity.
- Puppet module maintenance for all internal modules (hybris, haproxy, nginx, varnish, nesclub2, ecom, ...)
- Development of Rundeck & Jenkins jobs, bash scripts, Puppet config, Haproxy Config, Varnish config, ... (Administration, Support, ...)

Nespresso (Nestlé) (Lausanne Switzerland)
Senior Linux System Admin - Blue-infinity

02.2014 –02.2017

- Responsible for eCommerce platform NC2 & NC3 (Patching, 3rd level Support, Rollout)
- Puppet module maintenance for all internal modules.
- Responsible of Atlassian products: JIRA – Confluence – Stash (Administration, upgrade, module config, Support, ...)
- Development of Rundeck & Jenkins jobs, bash scripts, Puppet config, ...

International Labour Organization (ILO) (Geneva, Switzerland)
Linux System Admin - Linalis

04.2013 – 12.2013

- In charge of the migration of all Linux Sles Servers to last Service release Pack (Sles 9 SP1 to SP4; Sles 10 SP1 to Sles 10 SP4; Sles 11 SP1 to SP2).
It was concerning 200 servers running applications like Apache, Zope, Oracle, ...
- In charge of implementation of a Centralized Authentication solution against Windows AD (LDAPS, PAM) and enhancement of Linux system logging, Sudo integration.
- Linux Support.

World Economic Forum (Cologny, Switzerland)
Linux System Specialist - Abissa

09.2012 - 11.2012

- Zabbix map and triggers creation for monitoring all systems (ESX servers, Virtual and physical servers, network devices) and services based in China, New-York and Geneva.
- Creation of a Kiosk system under Linux for World Economic Forum conferences.
- System administration and support for administrating Linux servers.
- Support 1st & 2 level (Windows server and Laptop, blackberry) to World Economic Forum users.

IBM Switzerland (Prilly, Switzerland)
IT Specialist Scheduler – Adecco

01.2011 - 12.2011

- Scheduling through Control-M & Monitoring of IBM AIX / Windows systems for Deutsche Bank Switzerland.
- Daily administrative tasks as backup, Database restores & application restores, application updates through scripts, file transfer, ...
- Working alone and in team, making daily shift & on call the weekend.

BOBST (Prilly, Switzerland)
Linux System Engineer – Linalis

06.2010 - 12.2010

- Second level IT support for resolution of all Bobst daily issue.
- Responsible during the time there of all specifics Linux & UNIX issue resolution.
- Creation of some optimized SLES Linux VMware templates (SLES 10 SP3, SLES 11 SP0&SP1), containing all Bobst tools (Backup networker, UC4 scheduler, Oracle DB, Zabbix agent ...) deployed with a bash script setting up all the servers in one step.
- Creation of some optimized Debian Load balancer VMware templates using Haproxy & heartbeat cluster technology, containing all Bobst tools (Backup networker, UC4 scheduler, Zabbix agent ...) and used for load balancing Bobst internal Server. Those servers were deployed through a 10 steps interactive scripts and monitored through Zabbix for which new specific Zabbix templates were created.
- Responsible of upgrade of the Bobst SAP Veritas cluster, for which a SLES11 SP0 deployment autoyast has been created and setup with post-script Bobst software installation.
- Development & Installation of open-source solutions & scripts.
- Wrote and update several documentations and how-to for Bobst Internal usage

Léman Emploi (Geneva, Switzerland)
System Administrator

10.2009 - 12.2009

- Migration of existing Linux Web server to a bulletproof solution using Debian as OS and raid Linux software as first level of backup.
- Migration of existing workgroup to a complete domain controller using domain policy, user policy and managing domain DNS.
- Creation of automated backup script using .tar (compression), sftp (sent protocol) and gpg (for encryption) to remote infomaniak web server.
- Administration of internal web server portals running with MySQL, php5 and apache 2
- Installation of a Linux Firewall using Iptables and monitoring all the network and station using Zabbix (Zabbix agent on remote computer)
- Administration of web server of the association and related user mail accounts.
- The advice, assistance and training for internal users and external one.

Loterie Romande (Bruxelles, Belgium / Lausanne, Switzerland)
Operation Analyst – GTECH

12.2005 - 06.2009

- Operation Analyst level 1 (2005 -2006) then Operation Analyst level 2 (2006-2009)
- Detached from GTECH Belgium Company on Romande Lottery customer site and working alone.
- Playing a key role on Lottery customer site for:
 - Implementation of all new Software's on host systems (AIX, Windows & Linux) and all lottery terminals on the field (Linux)
 - Management of solution implemented (resolution of issues, monitoring of systems, first level of escalation list for the customer 24/24 and responsible of keeping at 100% systems up & running)
 - Interface for GTECH on customer site (reporting issue, debugging, testing)
- Development of "bash" script and "C" executables on hosts system for operator low level menu.
- Responsible of hardware maintenance and interface between GTECH, Romande Swiss Lottery & IBM Switzerland.
- Responsible of all the documentations released and provided to the customer.

IBM Belgium (Bruxelles, Belgium)
UNIX Operator

09.2002 - 11.2004

- Playing a key role in keeping permanently up and running the systems of customers as Deutsch Bank, KBC, Lhoist, Solvay, ... as well as some IBM internal ones.
- Closely monitoring of UNIX & NT systems with the use of Tivoli and Linux Net saint Nagios.
- Analyze of problems and resolution depending the case directly on systems through SSH, VNC, and IBM Director.
- Execution and monitoring of Clients Backups (Tivoli Storage Manager, shark, Backup-Exec)
- Responsible of keeping up to date the customers documentation and tools

Hellea Spri (Bruxelles, Belgium)
System Administrator

08.2002 - 08.2002

- Maintenance and monitoring alone of the Hellea Linux Network LAN for 3 weeks.
- Installation and configuration for Hellea of a remote Network Back-up solution through encrypted tunnel (based on rdiff and ssh); Backup was generated automatically and replicate automatically through the encrypted tunnel.
- Installation and configuration for Hellea of a Jabber Instant Message Server and all associate services.

Arkanos ASBL(Owner) (Bruxelles, Belgium)
System Administrator

01.2002 - 11.2005

- Installation and configuration of computer for Arkanos clients (Linux Workstation & Server)
- Specific implementation and development for clients.

Arafox SCRL (Bruxelles, Belgium)
System Administrator

06.2001 - 31.12.2001

- System administration under Linux on-site, remotely or in internal
- Network administration of the Arafox and the "IDE" center LAN:
- Implementation from scratch of services:
 - Firewall, Mail Server, Web Server, File Server, Print Sharing
 - Resolution of technical problems
- Installation & Configuration for the "IDE" Center of a Computer Training Room containing a network of 12 workstations. Computer images (Windows 2000, Linux Debian), network LAN, file server was managed on a central Linux Debian Server.
- Implementation for clients of specific Open-Source Solutions (DB Server, File server, mail server, web server, etc...)

Sales + Europe Dendrite (Belgium/Germany/Holland/Portugal)
Technical Support & Junior IT

10.1999 - 06.2001

- Installation & configuration on NT server implemented with a Sybase SQL DB and in replication with a central server DB via FTP & Mail client...
- Configuration of clients' computer (workstation & laptop) implemented with the Sales+ Software and fine-tuning.
- Management of replicate internal DB (replicate process, back up, extraction of new client DB, update...)
- Resolution of hardware and software problems for clients or in internal (on site, remotely or by phone)

Sanofi Synthélabo (Bruxelles, Belgium)
Technical Support

02.1999 - 10.1999

- Installation and configuration of Computer and Laptops (with Windows NT & 9X)
- Network administration (access right to RAS, File server, print sharing, etc...)
- Working remotely via PC-Anywhere on client computers
- Resolution of Hard & Software problems....
- Phone Support

MCH (Bruxelles, Belgium)
Technical Support

05.1998 - 12.1998

- Installation and configuration of computers for clients...
- Hardware Installation (CD-ROM, Ram, network cards, etc...)
- In charge of returning nonfunctioning hardware ...

Technical knowledge

Operating system	Linux (Debian, RedHat, Suse), Unix, Windows, VMS
Database	Oracle, MySQL, PostgreSQL, DB2
Virtualisation / Containerisation	VMware ESXi, Proxmox, Virtualbox, Vagrant, LXC, K8s, Docker, Portainer
Backup	Rdiff through Ssh, TSM, Veritas backup, Backup-Exec
Programming	Bash, C & C++, Python, SQL, HTML, PHP
Tools	Atlassian Tools (Jira, Confluence, bitbucket), Rundeck, Jenkins, Elastic, Prometheus, Grafana, Puppet, Ansible, Git

Language

French : mother tongue
English : C1 level, written / spoken
Dutch : A2 level, written / spoken

Education

Certificates:

- Novell Certified Linux Administrator Novell
- LPIC-1 Linux Professional Institute
- ITIL V3 Foundation
- Certificate of Training ESTE System and Database Administration, GTECH
- Certificate of Training ESTE Operations Training, GTECH
- Certificate of Training ESTE IPS operations Lite Training, GTECH
- Certificate of Achievement Microsoft Windows NT4 Administration
- Certificate of Achievement Microsoft Windows NT4 Core Technologies

Higher education:

2/3 Years Graduate in "Kinesitherapie" ISEK, Bruxelles

Secondary Education:

1st Cycle: Institute St -Joseph Rochefort (Math-Sciences)
2nd Cycle: ITCF Jemelle (Math-Sciences)