



Ghislain LE MEUR

Senior Linux system engineer

Passionate about computer science, I have specialized in Linux and open-source technologies, which I have been using for over 20 years. I enjoy using the Python language, which helps me create tools and applications. I have been using the SLES Linux distribution for more than 15 years and have been actively learning Kubernetes and its ecosystem for over 2 years, including Rancher and the use of RKE2 and K3S (or even K3D for quickly setting up environments).

Contact

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Soft skills

- Problem Solving ★★★★★☆
- Initiatives ★★★★★☆
- Adaptability ★★★★★☆
- Continuous Learning ★★★★★★

Hard skills

- Linux ★★★★★★
- Python ★★★★★☆
- Hardening ★★★★★☆
- DevOps ★★★★★☆
- Kubernetes ★★★★★☆

Experience

2008 - now

Ariane Group (via Open Group)

Linux system engineer

- L3 support (more than 2000 servers)
- Build Linux masters (SLES, Debian, RHEL)
- Manage IT infrastructure servers (Samba, NFS, Bind, Postfix, Apache...)
- Build and compile custom environments (Python, PostgreSQL, ...)
- Deploy multiple HPC clusters with SLE HPC (more than 600 servers)
 - IBM Spectrum Scale (formerly called GPFS)
 - Infiniband (FDR10, FDR, EDR, HDR)
 - Slurm (replace IBM LSF)
- Pacemaker for critical workloads as SAP (SLE for SAP), PLM...
- SUSE Manager (SUMA)
 - Developing Python scripts to interact with Saltstack for collecting or applying changes only once on specific servers
 - Proxy SUMA (Cobbler, Salt): allow PXE installation using Cobbler proxy
 - Replace the SUMA bootstrap script with a new one to use our production lifecycle repository instead of the bootstrap repository
 - Advanced Autoyast SLES installation using Cheetah templating
 - Development of a custom web interface for delegating the installation to the L1 team
 - Backend API (Django) interacts with Cobbler, Salt and SUMA
 - Allow enabling PXE boot for specific servers (MAC reservation)
 - DHCP templating (Cheetah) to enable IP reservations by MAC address within the Cobbler system (SUMA doesn't)
 - Allow custom configuration (such as custom PXE boot parameters)
 - Compliance of operating systems via Saltstack (100,000 lines of code):
 - Security compliance (ANSSI and custom enterprise security rules)
 - Standard (Debian, SLES) or HPC configuration (SLE for HPC)
 - Addons to manage custom features, such as Docker
 - Managing multiple sites, networks, and VLANs
 - Write custom Salt modules
 - Custom python reactors to interact with the SUMA API
 - Standard configuration (DNS, NTP, syslog, ...)
 - Detecting hardware for specific configuration
 - Using SaltStack with gitfs to use with git branches (saltenv / pillarenv) for code revision and pull requests (GitOps approach)

2006 - 2008 (Alternating)

Systran

Linux system engineer

- Manage around 70 servers (RHEL, CentOS, Windows) and Windows workstation
- Using OCS Inventory to inventory servers and workstations
- Using Clonezilla to optimize the reinstallation time of Windows workstations

Language

French (native)

English (intermediate)

Complements

Hobbies

- Music
- Cinema
- Artificial Intelligence
- Linux & Open source
- Kubernetes
- IT
- Kubernetes

Driver's license

- Class B

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○ 2006 - 2008 (Alternating)

Sysinter

Windows system administrator

- PHP web development
- Managing servers and Windows workstations

Education

○ 2009

ITIL V2

○ 2005 - 2008

INSIA

Master's degree

Systems, Networks, and Telecommunications option.

Alternating: 3 days at the company and 2 days at school.

○ 2003 - 2005

ENC

Technician's certificate (IT)

Local Business Network Administrator option.

○ 2002

IDRAC

Technician's certificate (commercial)

Only 1 year

○ 1999 - 2002

VAN GOGH

High school diploma (commercial)

Business and Commercial Action and Communication option.