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I have relearned my job with the move to the cloud and I love this paradigm shift. Infra As Code, GitOps and the DevOps culture are for me the keys to a quality infrastructure.

Work experience

Jan 2019 - **Lead Ops, Bedrock**, Lyon (France), SRE team (6pers).

Current My team is responsible for the cloud and on-premise core infrastructures. Over than 35 million users benefit from these infras, as do our 250 tech colleagues at Bedrock.

- Creation of on-call duty: migration of alerting to Prometheus/Victoria Metrics and PagerDuty
- Responsible for the project to move one datacenter to 2 others, without downtime, in 6 months all inclusive (new network equipment + VMWare->Xen migration)
- Recruitment and onboarding of 6 people in the middle of the COVID19 epidemic (out of 50 interviews)
- Adaptation of the team and my management from the pre-COVID to a full remote and restrictions then back to a mix of remote and physical
- [Scaling Bedrock video delivery to 50 million users](#)
- Launch of salto.fr, videoland.nl: platforms with +10.000h of VOD programs (restricted preview & its micro-services, separate AWS accounts)
- Moving from one multi-tenant platform to several instances each composed of multi-tenants
- [Stabilizations of Kubernetes](#) to accommodate tens of thousands of pods on hundreds of nodes
- Terraform to control AWS, GCP or Fastly resources (+100K lines of code, multiple AWS regions)
- FinOps to reduce costs as much as possible
- [Migrating production applications from on-premise to the cloud with no downtime](#)

Jun 2017 - **Networks and systems architect, M6Web**, Lyon (France), SRE team (6pers).

Dec 2018 I worked on the microservices architecture behind several RTL group's streaming websites (www.6play.fr, www.rtlmost.hu, play.rtl.hr, www.rtlplay.be). We use Kubernetes inside AWS cloud platform to keep scaling.

- Creating a brand new infrastructure on AWS with Terraform, Kops (Kubernetes), Helm
- Global optimizations to handle the migration from our french platform to a european one
- Migration of all our public-facing webservers from Varnish 3 to 4
- Adoption of SCRUM methods for the SRE team

Jun 2015 - **Linux Systems Administrator, PEAKS for M6Web**, Lyon (France), SRE team (4pers).

Jun 2017 In the infrastructure team, I helped developpers creating the best for www.6play.fr, the Catch-up TV website of TV channels (M6, W9, Teva...) by providing them the needed infrastructure tools, autonomy on deployments, Continuous Integration, etc.

- Build/run M6Web infrastructure:
 - 400+ physical and virtual servers in 2 datacenters, 200Gbps IX
 - Ecosystem of 150+ private/public github projects (PHP7, Symfony3, Node.js 7+)
- Build/Run IPTV platforms used by 6play's applications over ISP boxes
- Build/Run broadcast platform (10+ channels) via Akamai CDN, SFR CDN, Elemental products
- Maintain Continuous integration platform (Jenkins + Docker slaves, PoC Travis)
- Automation with Ansible 2, Puppet 3, Capistrano 2
- DevOPS tools for developer autonomy via Bash, Python, Ruby

- Oct 2013 - **Linux team leader**, *Business & Decision Eolas*, Grenoble (France), Linux team (5pers) of the
May 2015 Hosting pole (40pers).
Eolas provides hosting solutions, including Linux, of which we were 5 to manage services for all customers (1500 servers).
 - Datacenters industrialization (audit tools/working methods)
 - Build and run High-Availability infrastructures (Debian, RedHat)
 - Write operating files
 - Servers administration (Apache, Nginx, MySQL, Hybris, Node.js, Hadoop)
 - Team management (ITILv3 certified)
 - Internal projects management (Antidot, Ansible, Forge, Repositories, Scripts)
 - Linux support (level II)
- Sep 2011 - **Linux systems administrator**, *INRIA*, Montbonnot (France), NSA team (9pers).
Sep 2013 In a public computer and automatic research center, I managed the Linux equipments: desktops, laptops and servers, from installation to service configuration to day-to-day maintenance.
 - Puppet3 implementation (200 machines)
 - Puppet : internal training, documentation drafting
 - Automated installation infrastructure (PXE, Kickstart, Preseed, YUM)
 - Fedora workstations administration (+110 users)
 - 90 CentOS servers administration (including 75 Xen VMs)
- Sep 2010 - **Systems and networks administrator**, *Enigmatic*, Montbonnot (France), 5pers.
Sep 2011 I worked as a duo, managing the computer equipment of several clients, ranging from a few employees to a group of a hundred people.
 - Websites hosting (Apache, MySQL with master-master replication)
 - Emails servers administration (Postfix), DNS (Bind) under Debian
 - Client's new agencies configuration (nomad/site to site VPN, Firewalls)
 - 100 workstations park full migration (team work)
 - Hyper-V virtualization under Windows 2008 R2
 - Microsoft Exchange under Windows 2003 and 2008 R2
 - Active Directory domains junction and domain controller migration
 - Microsoft ForeFront TMG and ISA 2004 Firewalls

Conferences

- 2020 *Spectator*: QCon London
- 2019 *Speaker*: [M6 Open meetup Lyon](#) / [Peaks meetup Lyon](#) / [HAProxy Conf Amsterdam](#) (watch ►)
- 2019 *Spectator*: QCon London / KubeCon + CloudNativeCon Barcelona
- 2018 *Spectator*: KubeCon + CloudNativeCon Copenhagen / DotScale Paris / AWS Re:Invent Las Vegas
- 2017 *Spectator*: O'Reilly Velocity London / DotScale Paris

Education

- 2011 - 2013 **Master's degree**, *Grenoble INP*, Grenoble (France), Sandwich course at INRIA.
Master thesis : How to change of configurations management tool? (ITIL v3 concepts)
- 2010 - 2011 **Bachelor's degree**, *University of Montpellier 2*, Béziers (France), Sandwich course at Enigmatic.

Languages

- French Native
- English Business fluent: TOEIC 880 (2019), BULATS B2 (2012)

Interests

- Alpine skiing
- Climbing (mostly Lead, a little of boulder)
- Cycle (preferred means of transportation)
- Hiking