

Maxime SOURDIN

About

- 22 years
- Tech Lead Junior at Orange Business Services
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- Mail: maxime@sourdin.ovh
- Languages: **English (TOEIC: 620)**, **French (Native language)**

Skills

Orchestration and automation

- **Containers orchestration:** Docker, Podman, Kubernetes
- **Automating tests:** Ansible Tower/AWX
- **Building an infrastructure:** Terraform, Openstack Heat
- **Managing Kubernetes apps and secrets with GitOPS:** ArgoCD, Hashicorp Vault
- **Web services:** CloudFront, Traefik, Nginx
- **Artefact storage:** ECR, Nexus3
- **Get financial and usage reports:** Kubecost, Infracost
- **Scripting:** Python, Bash, Powershell, Batch
- **Providers used:** AWS, FlexibleEngine, OVH, Scaleway

Monitoring

- **Monitoring with pipelines:** GitLab CI/CD
- **Building monitoring stack:** Grafana, Prometheus/Prometheus-Operator, Promtail, Loki, Elasticsearch, Kibana, InfluxDB
- **Supervision:** Centreon, CheckMK, Munin
- **Status page:** Cachet

Storage management

- **Object Storage:** S3 (AWS, Openstack)
- **Scaleable File System:** EBS, NFS
- **Bare-metal:** FreeNAS/TrueNAS, OpenMediaVault

Hardening and Forensics

- **Kernel and Network hardening:** sysctl, firewallld, fail2ban, pf, iptables
- **Disk encryption:** LUKS, Veracrypt, Bitlocker
- **Firewall:** PFSense, OPNSense
- **Investigation:** Timeline Explorer, Volatility, fls and icat
- **Network analysis, scanning and manipulation:** Maltrail, Wireshark, NMAP, Burp Suite
- **Web app scanning and hardening:** Aquatone, wp-scan, DIRB, blackdir
- **Threat scanning:** YARA, Chrootkit, Trivy

Administration

- **Database management:** PostgreSQL, MariaDB
- **Network configuration:** Static/dynamic routing, LACP, VLAN, ACL
- **Network modeling:** Cisco Packet Tracer, Visio
- **VPN configuration:** OpenVPN, Wireguard, Tinc
- **DNS server configuration:** Unbound, NSD, dnsmasq

Experience

Permanent contract: Tech Lead Junior

Orange Business Services, **10/2021- Now**

- Improving monitoring system
- Implementing FinOps solution (Kubecost)
- Work on network security policies and security policies on Kubernetes

Apprenticeship: Cloud specialist

Orange Business Services, **09/2020 - 09/2021**

- Automated tests chain with Ansible/GitlabCI/CD on cloud environment (Flexible Engine, Kubernetes)
- Monitoring system (recipe chain, Grafana, Prometheus, AlertManager)

Apprenticeship: Security

ABI France, **10/2019 - 07/2020**

- Firewall configuration (Pfsense)
- RMM implementation (NinjaRMM)
- Server migration (Windows Server, Debian, Ubuntu, ESXi)

Internship:

DGFIP's IT services, **01/2019 - 02/2019**

- Workstation preparation
- Rack cartography (ODC)
- Switch configuration (IOS)

Internship

Lycée de la Salle, Rennes, **05/2018 - 06/2018**

- System image creation (FOG)
- Supervision (Zabbix)
- Update management (WSUS)

Education

Certifications

AWS Cloud Practionner

2021: **#N3YKFG5JBEQE13K**

Degrees

Bac+4 Cloud Specialist

CNAM, **2020-2021**

Bac+3 Sécurité informatique

Groupe Saint Jean Rennes, **2019-2020**

BTS SIO SISR

Groupe Saint Jean Rennes, **2017-2019**

Bac ES (Sciences sociales et politiques)

Lycée Notre Dame des Marais Fougères, **2015-2017**