Alain CHEMALY
37 years old
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DevOps Engineer

Technical skills

- Corporate networks: Installation, Administration, Configuration of the security equipment (routers, Switch, antivirus, VLAN, VPN…)
- Application Servers: Apache, Varnish, Redis, Dovecot, postfix, NginX, pfSense, HAproxy…
- Operating system: Linux, Mac OSX
- Language: Bash – Shell scripting ; Data base: MongoDB, MySQL
- Monitoring: Cacti, Nagios, Centreon, Shinken, M/Monit, Observium, DataDog, NewRelic
- Container: Docker/docker-compose – LXC/Openvz (Proxmox)
- Virtualization: VMware ESXi, VMware Workstation, Proxmox VE, VirtualBox, Vagrant
- Cloud Providers: AWS (VPC, EC2, RDS, ECR), OVH (dedicated)
- DevOps: GitHub, Gitlab, ANSIBLE, Redmine, Jira, Confluence, Docker, Helm, Jenkins, Kubernetes
- Docker Community Leader in Beirut

Education

2017	Linux Foundation Certified System Administrator (LFCS)	The Linux Foundation
2011	VMware vSphere 4.1: Install, Configure, Manage	*ib* - groupe Cegos - La Défense - Paris
2009	Analysis and Conception of system information and decisions	CNAM - Paris - France
2008	Advanced Technician's Certificate Network administrator	Campus of Rennes - France
2005	DEUG « Sciences de la matière »	University of Rennes1 - Rennes - France
2003	Scientific Baccalaureat	CNAM – Rennes - France

Professional experience

2018 - (present)

DevOps Team Lead Inimoney Fintech - Beirut

- Team management
- Create and maintain fully automated CI/CD pipeline for code deployment using Jenkins and Helm
- Actively manage, improve and monitor cloud infrastructure on AWS, EC2, S3 and RDS, including backups, patches and scaling
- Deploying Kubernetes cluster in a VPC using Kubespray
- Wrote ANSIBLE playbooks to configure and manage servers
- Managed GitHub repositories and permissions, including branching, webhooks and rules
- Documentation

2018 - (present)

Head of Quality Assurance Inimoney Fintech - Beirut

- Working closely with the DevOps and the testing team to define the optimal solution for each platform
- Completes quality assurance operational requirements by scheduling and assigning employees; following up on work results
- Maintain quality assurance staff (DevOps and Test department) by recruiting,

selecting, orienting, and training employees

2012 – 2018
(6 years)

IT Manager Keeward - Beirut

- Manage information technology and computer systems
- Plan, organize, control and evaluate IT data operations
- Manage IT staff by recruiting, training and coaching employees, communicating job expectations and appraising their performance
- Design, develop, implement and coordinate systems, policies and procedures
- Purchase IT infrastructure, IT supplies and software ensuring reasonable and on time purchasing
- Manage IT accounts including setting up new accounts, managing existing accounts and disabling expired accounts
- Set up and configure computer hardware, operating systems and applications for staff in needs
- Ensure security of data, network access and backup systems
- Act in alignment with user needs and system functionality to contribute to organizational policy
- Identify problematic areas and implement strategic solutions in time
- Audit systems and assess their outcomes
- Preserve assets, information security and control structures
- Handle annual budget and ensure cost effectiveness

2012 – 2018
(6 years)

Linux System Engineer Keeward - Beirut/Paris

- Install, configure, administer & troubleshoot Linux Servers (mainly using ANSIBLE). Maintain and manage various services running Linux system which include apache/ NginX web servers, Varnish/HAproxy servers, caching servers Varnish/Redis ...
- Design, implement and maintain a dynamic infrastructure to support software development, test and deployment
- Caching solutions deployment for web server (Varnish, Redis, Nginx)
- Mail server setup based on postfix (smtp) and Dovecot (imap/pop)
- Writing procedures and technical documentation (Confluence)
- Monitoring servers and network equipment using PingDom, NewRelic, DataDogHQ, Monit, Observium, Nagios…
- Architectures are mainly built using Debian and Ubuntu coupled with virtualization technologies
- Install and configure network equipment such as Cisco WAP4410N, C3560X and ASA 5505
- Mix cloud architecture using AWS, OVH and Heroku
- Using Agile/Scrum methodologies (Jira and Confluence) and DevOps culture (focus on automation)
- Using DevOps tools: Ansible, Gitlab, Gitlab CI, Docker, Docker-compose

2012
(5 months)

System Engineer ESMA - Paris - France

- Infrastructure monitoring using Nagios/Centreon
- Installing and configuring Backup Exec 2010 server to backup RedHat, Windows and Oracle database
- Maintenance and security update for Linux servers (Red Hat and Ubuntu LTS)
- Checking the backup (Veeam, Backup Exec, VDR, EquaLogic Group Manager)
- Configuring and managing Firewall (FortiGate 110C/200B)

2010 - 2012
(20 months)

I.T Manager SOLLAN France / CIFAP - Paris - France

- Security (Antivirus, iptables rules, DMZ)
- Backup (NTbackup, Cobian, cron)
- Install and virtualizes environment (Linux/Windows, ESXi 3.5/4.0/4.1)
- Assist and train users
- Renewal of the network and servers
- Management of the DHCP, AD and Exchange under Windows 2003
- Migration P2V and V2V
- Installation and configuration of different services (ProxyReverse, Concerto, AP Wifi, Jabber, Motion, OpenVPN, Alfresco, FreeNAS, Nagios, Cacti…)

- Managing the IT team of CIFAP (three people)
- Writing procedures and technical documentation
- Migration of Windows 2003 to Windows R2 2008 (DC, DNS, DHCP)

2009 – 2010
(7 months)

Service desk Administrator Total - NCOC - Paris, La Défense - France

- Preparing and installing software
- Assist and train the users (more than 400 users, English speaking)
- Management of the Active Directory, creation/modification of AD accounts
- Management of the Network File System’s ACL
- Preparation and installation of Cisco equipment

2008 – 2009
(12 months)

I.T Manager X-net Conseils - Paris - France

- Project: Developing an intranet for the management of the employees (Design, realization and development)
- Management of the Servers, mail server and backup
- Inventory control and maintenance of the web site
- Monitoring, maintains and updated the network
- Assist and train the users

2008
(2 months)

Network Support Technician Orange Business Services - Rennes - France

- Management of technical incident (PATROL)
- Management of the evolution requests
- Installation of activity report

2008
(6 months)

Network Administrator Lycée Ste Thérèse - Rennes - France

- Project: Installation and administration of Windows Server Update Services (WSUS)
- Management of wiring
- Routing management (logical connection between the interior and outside of the network or between several sub-networks)
- Maintenance of user Workstation (hardware and software) (Acronis and sysprep)
- Installation of peripheral (switch, printer, Wi-Fi)

Further information

Interests & Hobbies	Sport (basketball, snowboard, swimming, cycling...), reading (scientific press, the newspaper, blogs...), new technology, Linux and Open Source blogging (http://sys0dm1n.com/)
Language	Fluent in English, French and Arabic.