Alexandre Breniaux
System and Infrastructure Senior Engineer

Virtualization · Private and public Cloud · Infrastructure as Code · Datacenter · Operating Systems

in LinkedIn

39 years old - Driving License

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Dynamic, open-minded and new technologies enthusiast, I will do my best to strengthen your IT team by drawing my rich experience as a Datacenter and Cloud specialist, enhanced by a team leadership in international projects

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EXPERIENCES

Team Leader / Senior System engineer
Elca Cloud Services - Since February 2021 - Full-time - Genève - Switzerland

- ELCA CLOUD provides a Swiss sovereign cloud platform
- System team management:
  -Team leader of 4 level 3 system engineers
  -Communicate, track and report on tasks, issues and changes related to the system platform.
  -Organize work and development of team members.
  -Decision-making.
  -Focal point for various stakeholders to propose solutions and follow up on incidents and tasks in progress.
  -Reactivity and follow-up during major incidents and security breaches
- Operating system lifecycle process:
  -End of life strategy.
  -Infrastructure as code and automation mindset.
  -Reporting for audit and KPIs.
  -Capacity planning for Windows and Linux systems.
  -Capacity planning for applications.
- VMware vSphere lifecycle (setup, update, migration, IAC, maintenance and licensing aspect)
- Storage devices sizing and offer, setup, update, migration and maintenance
- Hardware/Datacenter management (sizing, setup, offers, lifecycle, maintenance plan, documentation)
- Windows expert role
  On-premise Windows server lifecycle
  -Active Directory migration and architecture
  -Windows server roles and applications(DNS/DHCP, IIS, MSSQL, ADFS, certificates)
- Project migrations
  -Audit of existing infrastructures
  -Task creation and attribution
  -Time tracking and reporting
  -Infra as Code mindset
- Consulting missions for infrastructure upgrades, disaster recovery plans and responding to calls for tender.
- Level 3 support for customer and datacenter infrastructures issues
- Documentation of customer and internal infrastructures, project tracking, procedures and guideline
- Proactive environment monitoring with metrics and alert thresholds

Projet personnel
Mon camp de base - June 2020 to January 2021 - ANNECY - France

- Project to create a company offering a mountain sports camp, combining :
  - Full-board chalet-style accommodation.
  - Transportation to the residence and activities.
  - Mountain sports activities supervised by qualified professionals.
- The project was halted following a pessimistic tourism projection due to the health situation allied to the COVID-19 pandemic.

Systems Engineer / Systems Platform Owner
CICR - December 2016 to June 2020 - Full-time - Genève - Switzerland

- International context, 2 Datacenters, more than 6000 servers, 18000 users and more than 3PB of data
- Head of the Systems platform (Datacenter and Cloud solutions) in charge of 6 L3 engineers and technical referent for projects and maintenances
- Technical project referent on Datacenter transformation into Hybrid Cloud infrastructure, servers deployment automation, Datacenter migration to hyper-converged infrastructure, internal messaging migration, global archiving project
- In charge of continuous improvement for the platform managed services
- Compliance review on technological developments and their compatibility with operational constraints, from the design to the operating phase
- Platform administration: production monitoring, capacity planning and budget management
- Identification, analysis and resolution of Level 3 problems
- Arbitration and escalation for all non-standard processes
- VMware, Citrix, Microsoft, RedHat and Hitachi Technologies

ICT Operational Engineer
LANexpert - Swisscom - April 2012 to December 2016 - Full-time - Genève - Switzerland

- In collaboration with the project manager, numerous operational tasks on complex infrastructures, migration projects, relocation of Datacenter and disaster recovery test
- Responsible for continuous improvement on the managed services on a large variety of clients (NGOs, banks, industries)
- Accomplish complex administration tasks (patching, OS updates, data restoration)

- Audit of existing infrastructures to deliver improvement proposals, administration tasks and maintenance procedures
- Managing operations, resolving incidents and requests for changes on customers' IT infrastructures in compliance with ITIL best practices
- Receiving, documenting and managing customer infrastructure delivered from the project team
- Technologies Microsoft, VMware, Citrix, EMC

System and network administrator
MB2I - April 2010 to April 2012

- In charge of the deployment and optimization of infrastructures during IT projects on SMEs
- Deploying tasks for business interconnection, datacenter delocalization, infrastructure and messaging migration projects
- Audit of existing infrastructure and improvement proposals
- Administration task automations on customer infrastructures
- Technical reference for email and virtual infrastructure migration projects
- Problems analyze and resolution
- Microsoft, VMware, Citrix, IBM and Juniper Technologies

System administrator
LABEL - December 2008 to April 2010

System and Network Administrator
SET SAS - September 2007 to December 2008

PBX Operational Technician
Orange Business Services - September 2006 to September 2007

SKILLS

Expertise

- Technical leader in Datacenter and Cloud projects
- Team management
- Datacenter transformation to Cloud services
- IT infrastructures evolution and migration
- Designing secure technical architectures
- POC integration tests and implementation
- Automation of administration and deployment tasks
- Defining and implementing a business recovery plan
- RFP writing and defense
- Capacity planning and budget management
- Level 3 problem analysis and resolution
- Infrastructure as code(IAC)
- Windows server infrastructure
- Hardware and datacenter expert
- Storage and Virtualization expert

Technologies

- Microsoft Server technologies (Active Directory, DFS, DNS, DHCP, IIS, MSSQL, ADFS)
- VMware vSphere (Software Defined Datacenter)
- VMware vRealize suite (Automatic provisioning)
- Storage SAN, File and Object Storage
- Private Cloud infrastructure(design to implementation)
- Infrastructure as Code(terraform, gitlab, git, puppet)
- Linux system administration(Debian and RedHat)
- Public Cloud infrastructure (AWS, Azure, OCI)
- Datacenter hardware (Dell, HPE, Hitachi, IBM)
- Backup solution (Veeam, Bacula, CommVault, Netbackup)
- Citrix Xen Desktop (App and Desktop streaming)

Soft Skills

- Customer and solution oriented
- Polyvalent
- Facility to adopt new technologies
- Management capability
- Proactive and strenght for proposal
- Team player

Languages

- French, mother tongue
- English, upper intermediate

EDUCATION

Certifications

• AWS Certified Cloud Practitioner
• Microsoft Certified: Azure Administrator Associate AZ104
• Microsoft Certified: Azure Fundamentals
• VMware Certified Professional - Data Center Virtualization 2020
• VMware Virtual SAN : Deploy and Manage (V6)
• Microsoft Certified Solutions Expert : Desktop Infrastructure
• Microsoft Certified Solutions Associate: Windows Server 2012
• Microsoft Exchange Server 2010 - Configuration
• Managing App and Desktop Solutions with Citrix XenDesktop
• ITIL V3 Foundation
• Agile Foundation
• Deploying Citrix XenDesktop 7.6 Solutions
• Symantec NetBackup 7.5 for Windows - Administration

Courses

• Cloud Operations on AWS
• Learning GitLab
• Red Hat Automation with Ansible and Ansible Tower
• Red Hat System Administration I et II
• Microsoft - Implementing Microsoft Azure Infrastructure Solutions
• Data Center Automation with vRealize Orchestrator and PowerCLI
• VMware vRealize Operations Manager: Install, Configure, Manage [V6.2]
• VMware vRealize Automation: Install, Configure, Manage [V7.0]
• VMware NSX: Install, Configure, Manage [V6.2]
• Microsoft - Administering System Center 2012 Configuration Manager
• Citrix - Implementing Citrix Netscaler 10.5 for App and Desktop Solutions
• Citrix -Deploying Entreprise Mobility Solutions with Citrix Xen Mobile

Scolarship

• Bachelor IT administration and security for enterprises
• CQPM « Business Network Administrator »
• Associate Degree Networks and Telecoms
• Baccalauréat STI electronic

INTERESTS

Sports

▸ Trail running (ultra-distance competitions)
▸ Mountain ski, skating
▸ Race Bike

Cooking

▸ Culinary recipes blog
▸ https://lamegadalle.com/

Volunteer

Development of a trek booking site in the Moroccan High Atlas